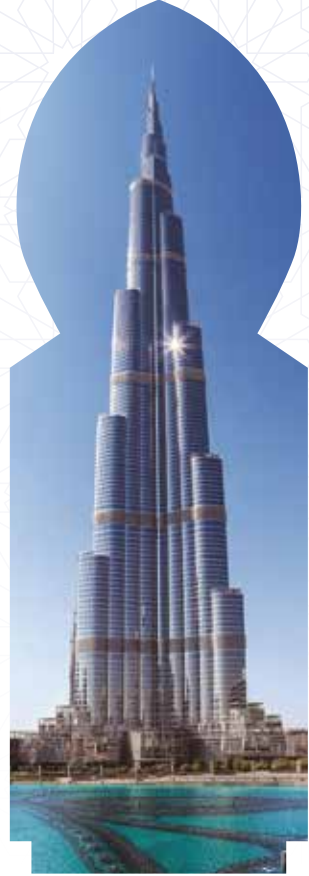




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WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019



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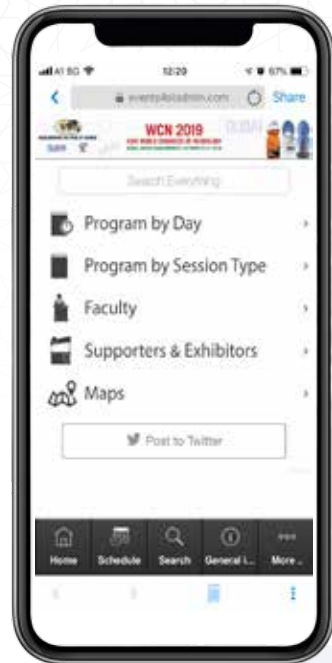
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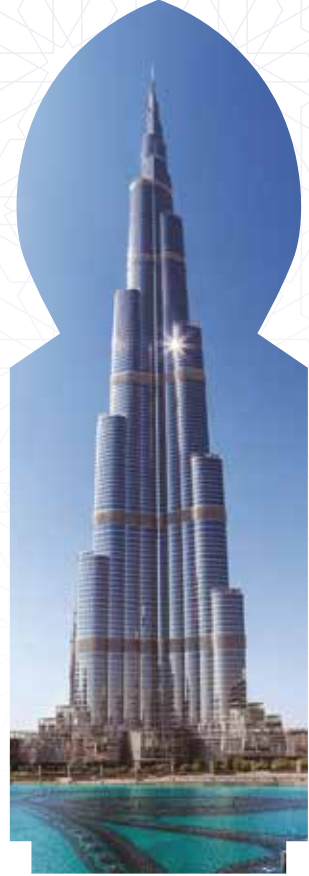
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ABOUT THE WFN



MISSION: THE WFN'S MISSION IS TO FOSTER QUALITY NEUROLOGY AND BRAIN HEALTH WORLDWIDE

The World Federation of Neurology was formed in Brussels in 1957, as an association of national neurological societies. Today WFN represents 117 professional national societies in all regions of the world, and each society registers its own individual member neurologists with us. The delegates, one from each national society, elect the trustees and officers.

The mission of the WFN, as a UK registered charity, is to foster quality neurology and brain health worldwide, a goal we seek to achieve by promoting global neurological education and training, with the emphasis placed firmly on under-resourced parts of the world. The WFN holds biennial world congresses, which rotate throughout the regions (Africa, Americas, Asia, Europe) of the world. The congress consists of scientific sessions, teaching courses as well as structural and business meetings. The next congress following Kyoto (2017) will be in Dubai in 2019.

Education, improvement of neurologic sciences and knowledge are the main aims of the WFN. For this reason several programs such as Junior travelling grants, departmental visits, international courses, WFN -teaching centers, grants to fund local projects, and a joint CME program with the American Academy of Neurology are currently provided.

The joint AAN WFN CME Program (Continuum) is offered to many countries where there is a need for neurological educational material especially in those with limited resources. To date there are 45 countries participating in the program. Through this training, neurological teams globally have enhanced their skills as well as being made aware of new techniques, best practices to guide patient care.

The WFN encourages the empowerment of local and regional activities through cooperation with the six regional Neurological associations: the American Academy of Neurology (AAN), the European Academy of Neurology (EAN), the Asian Oceanian Association of Neurology (AOAN), the Pan American Federation of Neurological Societies (PAFNS), the Pan Arab Union of Neurological Societies (PAUNS) and the newly founded African Academy of Neurology (AFAN).

Brain health is the main goal of all the WFN activities and in order to achieve this, the WFN coordinates the World Brain Alliance (WBA) which includes the World Psychiatric Association (WPA), the World Federation of Neurosurgical Societies (WFNS), the World Federation of NeuroRehabilitation (WFNR), the International Child Neurology Association (ICNA), the International Brain Research Organization (IBRO) and the WHO. Working together is crucial to achieve our intertwined goals.

The development of neurology has created several specialist societies, such as the World Stroke Organization, the International Parkinson and Movement Disorder Society, the International League Against Epilepsy, Multiple Sclerosis International, Alzheimer's Disease International, the International Headache Society, and the Peripheral Nerve Society among others. The WFN is committed and delighted in cooperating with them all.

The WFN has led in the development of the new WHO ICD 11, and is actively contributing to the second edition of the WHO Neurology Atlas. The WFN is an active partner in the campaign to control and manage the neurological aspects of NCD through close collaboration with the WHO.

The WFN has several committees which are dedicated to assisting the WFN with specific tasks such as education, research groups, membership, publications, and finance and congress organization. These committees are created from members from all parts of the world and they provide crucial help to the WFN in order to serve its needs and activities.

The WFN has a website (www.wfneurology.org), social media (Facebook, Twitter) an electronic magazine WN (available on the website), and two scientific journals; the Journal of the Neurological Sciences and eNeurological Sci. The WFN is eager to promote neurology worldwide, and to improve prevention and diagnosis management for patients. Please look out for WFN activities on the website and in the social media.

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WELCOMING WORDS

Dear Friends, Colleagues, Delegates and Attendees,
On behalf of the World Federation of Neurology it is my very great pleasure to welcome you to the XXIV World Congress of Neurology in Dubai.

The World Federation of Neurology has been most fortunate that this World Congress is being co-hosted by the Emirates Neurological Society. Together we are certain that you will help make this an outstanding World Congress of Neurology. The Congress will comprise four and a half days of high quality plenary, main topic and scientific session topic lectures, teaching courses, workshops, free papers, sponsored symposia and the Tournament of the Minds. A faculty in excess of 265 and many more selected for the free paper sessions and poster sessions will deliver this wide ranging choice of educational opportunity to you. Complementing this exciting daily selection will be the Welcome Reception and the Networking Event, set with Dubai City as the striking backdrop for opportunities to develop new professional relationships and renew existing acquaintances. With the flavour of the region firmly part of this event this World Congress of Neurology will be both unique and memorable and will justify your efforts to attend.

I wish you and your colleagues a most valuable and enjoyable experience.



William Carroll

President, World Federation of Neurology



Dear Friends and Colleagues,

We are pleased to welcome you to the 24th World Congress of Neurology 2019 in Dubai, UAE. We welcome all of you from every part of the world.

It is an honour for the Emirates Neurological Society (EMINS) to host the WCN in 2019.

The EMINS is the largest neurology organisation in the UAE and regularly hosts regional and international conferences. This year we have had the privilege to organise the WCN.

It will be held in the World Trade Centre, Dubai. We wish to make the congress a huge success with the cooperation of all of you. It will be an historic meeting which will serve as a springboard to strongly advance the Initiative of the WFN in Asia for the advancement of neurology both scientifically and clinically thus "Accelerating the Pace of Change".

You will be able to participate in very active discussions and hear cutting-edge lectures by the world's top scientists and neurologists in all fields of neurology.

Dubai, as you will know, is a relatively new city incorporating the ancient Arab culture and civilization into modern architecture.

The Local Organising Committee is at your service in case you need any assistance and in close collaboration with the World Federation of Neurology welcomes you to Dubai, UAE for WCN 2019.



Dr Suhail Abdulla Mohammed Al Rukn

Congress President - XXIV World Congress of Neurology (WCN2019)

President, EMINS, UAE



COMMITTEES

CONGRESS ORGANIZING COMMITTEE

William Carroll, Australia | **WFN President**
 Ryuji Kaji, Japan | **First Vice President and WFN Congress Committee Chair**
 Suhail Abdulla Al Rukn, United Arab Emirates | **Congress President**
 Richard Stark, Australia | **WFN Treasurer**
 Wolfgang Grisold, Austria | **Secretary General**
 Chris Kennard, United Kingdom | **WFN Scientific Program Committee Chair**
 Saeed Boholega, Saudi Arabia | **Local Scientific Program Committee Co-Chair**
 Steve Lewis, USA | **WFN Teaching Course Committee Chair**
 Mustapha Elalouoi Faris, Morocco | **WFN Teaching Course Committee Co-Chair**
 Riadh Gouider, Tunisia | **WCN 2019 Local Organising Committee Chair**
 Jihad Inshasi, United Arab Emirates | **EMINS Representative**

WFN CONGRESS SCIENTIFIC PROGRAM COMMITTEE

Chris Kennard (**Chair**), United Kingdom
 Saeed Bohlega (**Co-Chair**) Saudi Arabia
 Francisco Cardoso, Brazil
 Terrence Cascino, USA
 Marianne De Visser, Netherlands
 John England, USA
 Amadou Gallo Diop, Senegal
 Chandrashekar Meshram, India
 Hidehiro Mizusawa, Japan
 Bo Norrving, Sweden
 Emilio Perruca, Italy
 Yoshikazu Ugawa, Japan
 Lawrence Wong, Hong Kong

WCN 2019 – LOCAL COMMITTEE

Saeed Bohlega (**Chair**), Saudi Arabia
 Jihad Inshasi (**Vice Chair**), United Arab Emirates
 Riadh Gouider (**Chair**), Tunisia
 Pournamy Sarathchandran (**Vice Chair**), United Arab Emirates
 Suhail Abdulla Alrukn, United Arab Emirates
 Arsalan Ahmed, Pakistan
 Abdulla Al Asimi, Oman
 Adel Al Jishi, Bahrain
 Jassim Al Hashil, Kuwait
 Abubaker Al Madani, United Arab Emirates
 Mohamed Al Mekhlafi, Saudi Arabia
 Nazha Birouk, Morocco
 Hamidon Basri, Malaysia
 Murat Emre, Turkey

Husnain Hashim, United Arab Emirates
 Hassan Hosny, Egypt
 Chaker Khamis, Lebanon
 Maria Khan, United Arab Emirates
 Walid Khoja, Saudi Arabia
 Adel Misk, Palestine
 Mohamed Sahraian, Iran
 Mohammad Wasay, Pakistan
 Bassem Yamout, Lebanon

WFN CONGRESS EDUCATION PROGRAM AND TEACHING COURSE COMMITTEE

Steve Lewis (**Chair**), USA
 Mustapha Elalouoi Faris (**Co-Chair**), Morocco
 Amal Alhashami, Oman
 Wolfgang Grisold, Austria
 Sarosh Katrak, India
 Mona Khawaja, Saudi Arabia
 Akram Mehdawi, Iraq

TOURNAMENT COMMITTEE

Richard Stark, Australia (**Chairman**)
 Faouzi Belahsen, Morocco
 Nicholas Davies, United Kingdom
 Ricardo Fadic, Chile
 Takashi Kanda, Japan
 Serenella Servidei, Italy

GENERAL INFORMATION

CONGRESS VENUE

Dubai World Trade Centre
Sheikh Zayed Rd
+971 4 332 1000

LANGUAGE

English is the official language of the Congress. All sessions and presentations will be given in English.

REGISTRATION DESK HOURS

Sunday, October 27	07:00 – 19:30
Monday, October 28	06:30 – 18:15
Tuesday, October 29	07:15 – 16:15
Wednesday, October 30	06:30 – 16:15
Thursday, October 31	06:30 – 14:30

EXHIBITION HOURS

Sunday, October 27	10:00 -end of Welcome Reception
Monday, October 28	10:00 -17:00
Tuesday, October 29	10:00 – 15:00
Wednesday, October 30	10:00 – 15:00

NAME BADGES

All participants and exhibitors are requested to wear their name badges throughout the Congress, and present vouchers for social events and workshops in order to be admitted to the lecture halls and scheduled activities.

WIFI

WIFI will be available at the Congress in public areas and in the Exhibition Area.

SCIENTIFIC MOBILE APP

View the Scientific Program on your personal device. The program application is designed for cross platform access via laptop, mobile devices such as Smartphones, iPhones, Androids etc. Access the application via browser. Participants will have full access to the Scientific Program including the abstracts and PDF's of those delegates who uploaded a PDF version of their Posters to the APP. The application has smart phone search possibilities within the Scientific Program by session type, name or hall.

CONGRESS ABSTRACTS

The official Congress accepted and registered abstracts are available on the Congress website and Mobile App, and have also been published in an online supplement of the Journal of the Neurological Sciences (JNS). Please visit the Congress website in order to view the abstracts, or view them via the Scientific Mobile App.

TEACHING COURSES

All Teaching Courses are included as part of the Congress registration fee, and do not have an additional cost. There is no need to register for these courses. Attendance is on a first-come first-served basis.

WORKSHOPS

Please note that the workshops require pre-registration. Tickets may be purchased at the Onsite Registration Kiosks in the Registration Area – subject to availability.

TICKET

ELSEVIER YOUNG INVESTIGATOR AWARD

The Elsevier Young Investigator Award is awarded to two deserving abstract submitters during the Congress for the Best Clinical Paper and the Best Research Paper. The Elsevier Prize Ceremony will take place during the Congress Closing Ceremony on Thursday, October 31 at 14:00.

ANGELA VINCENT AWARD FOR BEST YOUNG NEUROLOGIST INVESTIGATOR

The WFN has awarded for the first time in 2019, a single award to the Best Young Neurologist Investigator from the region of the World Congress of Neurology. The award will be handed out during the Congress Closing Ceremony on Thursday, October 31 at 14:00.

COFFEE AND LUNCH BREAKS

Coffee, light refreshments and lunch will be served to all Congress participants in the Exhibition Area as indicated in the timetable.

BAGGAGE AND CLOAK ROOM

Due to local regulations, baggage and cloakrooms facilities are not permitted at the congress centre – please use the facilities in your hotel.

RECOGNITION, ACKNOWLEDGEMENTS AND INDUSTRY SUPPORT

In accordance with compliance regulations, Industry supporting the Congress will be acknowledged separately from the Scientific Program. Industry Information will appear at the back of the book, under the section Recognition, Acknowledgements and Industry Support.

GUEST ATTENDANCE POLICY

All event activities (including educational sessions, meal functions, Exhibit Hall, etc.) are exclusively reserved for registered attendees. Non-registered guests (including children, family members, colleagues, etc.) are not allowed in any of the event areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

PHOTOGRAPHY AND RECORDING PRIVILEGES

No photographs, video recording or audio recording may be permitted in the scientific sessions at this Congress unless otherwise authorized by the Scientific Committee or the Congress Chairman.

SAFETY AND SECURITY

Please do not leave any bags or suitcases unattended at any time, whether inside or outside session halls.

SMOKING POLICY

WCN is a non-smoking Congress and participants are requested to refrain from smoking in the Congress Venue.

CONGRESS ORGANIZER

Kenes Group Organizers of Congresses S.A.
Rue François-Versonnex 7
1207 Geneva, Switzerland
wcn@kenes.com



TIMETABLE

Teaching Course	Scientific Session: MT (Main Topics)	Free Papers	Plenary Lecture	Regional Symposium Session
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SUNDAY, OCTOBER 27, 2019

	Sheikh Rashid E	Sheikh Maktoum A	Sheikh Maktoum C	Sheikh Maktoum D	Sheikh Maktoum B
08:00 - 08:45	Plenary Lecture 1: Fulton Award Lecture				
08:45 - 09:15	Plenary Lecture 2				
09:15 - 10:45	MT1a: Movement Disorders	MT2a: Stroke	MT3a: Epilepsy	TC 1: Neuroinfectious Disease/Tropical Neurology	TC 2: Multiple Sclerosis and Other Demyelinating Disease
10:45 - 11:15	Coffee Break, Poster Viewing and Exhibition Visit				
11:15 - 12:45	MT1b: Movement Disorders	MT2b: Stroke	MT3b: Epilepsy	TC 1: Neuroinfectious Disease/Tropical Neurology continued	TC 2: Multiple Scle- rosis and Other Demyelinating Disease continued
12:45 - 14:45	Lunch Break, Poster Viewing and Exhibition Visit				
13:00 - 14:30					
14:30 - 14:45	Short Break				
14:45 - 16:15	MT1c: Movement Disorders	MT2c: Stroke	MT3c: Epilepsy	TC 3: Sleep Neurology	TC 4: Multiple Sclerosis and Other Demyelinating Diseases
16:15 - 16:45	Coffee Break, Poster Viewing and Exhibition Visit				
16:45 - 18:15	MT1d: Movement Disorders	MT2d: Stroke	MT3d: Epilepsy	TC 3: Sleep Neurology continued	TC 4 Multiple Sclerosis and Other Demyelinating Diseases continued
18:15 - 18:20	Short Break				
18:20 - 19:00	Opening Ceremony				
19:00	Welcome Reception in the Exhibition				

Scientific Session: T (Topics)	Sponsored Symposium	TC Workshops	Tournament of the Minds
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Sheikh Rashid A	Sheikh Rashid B	Abu Dhabi A	Abu Dhabi B	Dubai C	Dubai D
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T1a: 2. Bringing MR Innovation to the Clinic	T2a: 3. Neuropsychiatry		Free Papers: Stroke 1	Neurosonology Workshop TICKET	Free Papers: Autoimmune Disorders
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T1b: 2. Bringing MR Innovation to the Clinic	T2b: 3. Neuropsychiatry		T3: Maximising Neuroplasticity in Neurorehabilitation	Neurosonology Workshop Cont. TICKET	Free Papers: CNS Infections
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Sponsored Symposium -non CME/CPD credit	Sponsored Symposium -non CME/CPD credit				
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T4a: Head Injury and Critical Care Neurology	T5a: Mitochondrial Dysfunction in Neurological Disease	TC 5: Behavioral Neurology	Free Papers: Dementia	EMG Workshop TICKET	Pan-American Symposium Session
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T4b: Head Injury and Critical Care Neurology	T5b: Mitochondrial Dysfunction in Neurological Disease	TC 5: Behavioral Neurology continued	Free Papers: Epilepsy 1	EMG Workshop Cont. TICKET	North American Symposium Session: Dementia - Finding the Cure
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MONDAY, OCTOBER 28, 2019

	Sheikh Rashid E	Sheikh Maktoum A	Sheikh Maktoum C	Sheikh Maktoum D	Sheikh Maktoum B	Sheikh Rashid A
07:00 -08:00					TC 6: Neuro-Ophthalmology	
08:00 - 08:30	Plenary Lecture 3					
08:30 - 09:00	Plenary Lecture 4					
09:00 -10:45	Presidential Symposium, WFN Medals Presentation & Soriano Plenary Award Lecture					
10:45 - 11:15	Coffee Break, Poster Viewing and Exhibition Visit					
11:15 - 12:45	MT4a: Dementia	T6a: Neurooncology	T6a: Sleep and Circadian Neuroscience	TC 7: Movement Disorders	TC 8: Epilepsy	TC 9: Management of Stroke on Stroke Units
12:45 - 14:45	Lunch Break, Poster Viewing and Exhibition Visit					
13:00 -14:30						Sponsored Symposium -non CME/CPD credit
14:30 - 14:45	Short Break					
14:45 - 16:15	MT4b: Dementia	T6b: Neurooncology	T6a: Sleep and Circadian Neuroscience	TC 7: Movement Disorders continued	TC 8: Epilepsy continued	TC 9: Management of Stroke on Stroke Units continued
16:15 - 16:45	Coffee Break, Poster Viewing and Exhibition Visit					
16:45 - 18:15	MT4c: Dementia	T24: Motor Neurone Disease				

Sheikh Rashid B	Abu Dhabi A	Abu Dhabi B	Dubai C	Dubai D	Dubai E+F
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T7a: Neuroophthalmology	T8: Ethical Aspects of Neurological Practise	Free Papers: Movement Disorders 1	TC10: Advocacy	Free Papers: MS & Demyelinating Diseases 1	Botulinum Toxin Workshop - Why, When and How to Inject Botulinum Toxin: A Guide for Clinicians TICKET
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T7b: Neuroophthalmology	T9: Neurological Education – Challenges and Innovations Across the Globe	Free Papers: Neuromuscular Disorders	TC 10: Advocacy continued	Pan-Arab Regional Symposium	Botulinum Toxin Workshop - Why, When and How to Inject Botulinum Toxin: A Guide for Clinicians TICKET
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TC 10: Advocacy continued	Asian-Oceanian Regional Symposium
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TUESDAY, OCTOBER 29, 2019

	Sheikh Rashid E	Sheikh Maktoum A	Sheikh Maktoum C	Sheikh Maktoum D	Sheikh Maktoum B
08:00 -08:30	Plenary Lecture 5: Yahr Award Lecture				
08:30 - 09:00	Plenary Lecture 6				
09:00 - 10:30	MT5a: MS and Demyelinating Disorders	MT6a: Tropical and Geographic Neurology	T10a: Behavioural Neurology	TC 11: Neuro-Ophthalmology	TC 12: Neuromuscular Diseases
10:30 - 11:00	Coffee Break, Poster Viewing and Exhibition Visit				
11:00 - 12:30	MT5b: MS and Demyelinating Disorders	MT6b: Tropical and Geographic Neurology	T10b: Behavioural Neurology	TC 11: Neuro-Ophthalmology continued	TC 12: Neuromuscular Diseases continued
12:30 - 14:30	Lunch Break, Poster Viewing and Exhibition Visit				
13:00 -14:30			13:00-14:00 Tournament of the Minds: Heats” Qualifying Round		
14:30 -14:45	Short Break				
14:45 - 16:15	MT5c: MS and Demyelinating Disorders	MT6c: Tropical and Geographic Neurology	T11: Brain-Computer Interfaces and Robotics	T12: Autoimmune Neurological Disorders	TC 12: Neuromuscular Diseases continued
	Networking Event 				

Sheikh Rashid A	Sheikh Rashid B	Abu Dhabi A	Abu Dhabi B	Dubai C
TC 13: Headache	TC 14: Palliative Care in Neurology	TC 15: Neurocritical Care	Free Papers: Late Breaking	Free Papers: Stroke 2
TC 13: Headache continued	TC 14: Palliative Care in Neurology continued	TC 15: Neurocritical Care continued	Free Papers: Child Neurology	Free Papers: MS & Demyelinating Diseases 2
Sponsored Symposium -non CME/CPD credit				
T13: Brain Death, the Grey Zone and Persistent Vegetative State	T14: How Useful is Big Data in Neurology?	European Regional Symposium	Pan-African Regional Symposium: MANAGEMENT OF ACUTE STROKE IN SUB SAHARAN AFRICA	Free Papers: Motor Neuron Disease

WEDNESDAY, OCTOBER 30, 2019

	Sheikh Rashid E	Sheikh Maktoum A	Sheikh Maktoum C	Sheikh Maktoum D	Sheikh Maktoum B
07:00 - 08:00					TC 16: Neuroimaging
08:00 - 08:30	Plenary Lecture 7				
08:30 -09:00	Plenary Lecture 8				
09:00 - 10:30	MT7a: Headache and Pain	MT8a: Neuromuscular Diseases	T15a: Child Neurology		TC 18: Neuro-Oncology
10:30 - 11:00	Coffee Break, Poster Viewing and Exhibition Visit				
11:00 - 12:30	MT7b: Headache and Pain	MT8b: Neuromuscular Diseases	T15b: Child Neurology		TC 18: Neuro-Oncology continued
12:30 - 14:30	Lunch Break, Poster Viewing and Exhibition Visit				
12:30 - 14:30		13:00-14:00 Tournament of the Minds: Semi Final	13:00-14:00 Tournament of the Minds: Semi Final	Sponsored Symposium - non CME/CPD credit (13:00 - 14:30)	
14:30 -14:45	Short Break				
14:45 - 16:15	MT7c: Headache and Pain	MT8c: Neuromuscular Diseases	T16: Psychiatric Aspects of Neurology	T17: Environment and Neurology	T18: The Microbiome and Neurology

Sheikh Rashid A	Sheikh Rashid B	Abu Dhabi A	Abu Dhabi B	Dubai C
TC 19: Dementia	TC 20: Neuro-Otology	TC 21: Neurology and Internal Medicine	Free Papers: Headache	Free Papers: Neurophysiology
TC 19: Dementia continued	TC 20: Neuro-Otology continued	TC 21: Neurology and Internal Medicine continued	Free Papers: Functional Disorders and Behavioral Neurology	Free Papers: Neuroimaging
			Free Papers: Epilepsy 2	Free Papers: Movement Disorders 2

THURSDAY, OCTOBER 31, 2019

	Sheikh Rashid E	Sheikh Maktoum A	Sheikh Maktoum C	Sheikh Maktoum D	Sheikh Maktoum B
07:00 - 08:00					TC 22: Headache
08:00 - 08:30	Plenary Lecture 9: Barucha Award Lecture				
08:30 - 09:00	Plenary Lecture 10				
09:00 - 10:30	MT8d: Neuromuscular Diseases	T19a: Neuro-Otology	T20a: Palliative Care	T21a: Prions and Neurodegenerative Diseases	T22: History of Neurology: Neurosciences in Medieval Arab Medicine
10:30 - 11:00	Coffee Break				
11:00 - 12:30	MT7d: Headache and Pain	T19b: Neuro-Otology	T20b: Palliative Care	T21b: Prions and Neurodegenerative Diseases	
12:30-12:45	Short Break				
12:45 - 14:00		13:00-14:00 Tournament of the Minds: Final			
14:00 - 14:30		Closing Ceremony			

Sheikh Rashid A	Sheikh Rashid B	Abu Dhabi A	Abu Dhabi B	Dubai C
TC 24: Neuroimaging	TC 25: Autoimmune Neurologic Disorders	TC 26: Child Neurology	T23: Dementias Across Different Populations, Culture and Languages	Free Papers: Miscellaneous 1
	TC 25: Autoimmune Neurologic Disorders continued	TC 26: Child Neurology continued	Free Papers: Neurorehabilitation	Free Papers: Miscellaneous 2

WFN BUSINESS MEETINGS

Concurrent WFN Business Meetings will take place throughout the Congress. All meetings are by invitation only.

NAME OF THE MEETING	TIME	ROOM
SATURDAY, OCTOBER 26		
WFN Trustees Meeting	08:00-10:00	Ajman A
WFN Congress Committee	10:00-11:00	Ajman A
WFN Finance Committee Meeting	11:00-12:00	Ajman A
WFN Membership Committee Meeting	12:00-13:00	Ajman A
Council of Delegates	13:10-17:30	Abu Dhabi A
SUNDAY, OCTOBER 27		
Tournament of the Minds Committee	08:30-10:30	Ajman B+C
WFN Speciality Group Committee	09:00-10:00	Ajman A
WFN Environmental Neurology SG	10:00-12:00	Ajman D
WFN Education Committee	11:00-12:30	Ajman A
WFN Publication & Communications Committee	13:00-14:00	Ajman A
WFN E-Communications Committee	14:00-15:00	Ajman A
WFN Neurosonology SG	14:00-16:00	Ajman D
WFN Constitutions and Bye-laws Committee	15:00-16:00	Ajman A

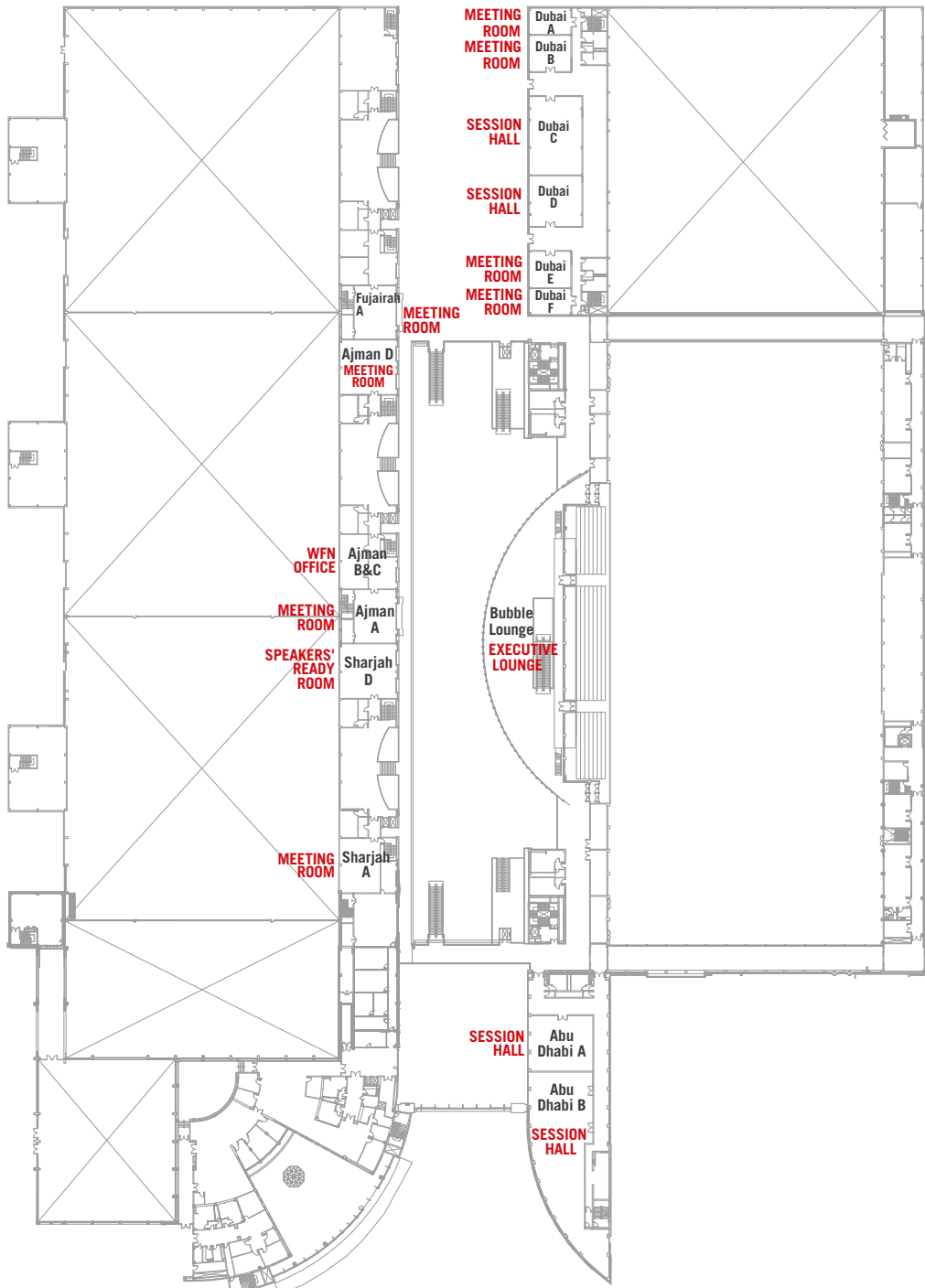
NAME OF THE MEETING	TIME	ROOM
MONDAY, OCTOBER 28		
Global Neurology Alliance	12:00-13:30	Ajman D
WFN Public Awareness and Advocacy Committee	14:00-15:00	Ajman A
TUESDAY, OCTOBER 29		
WFN Migrant Neurology SG	10:00-12:00	Ajman D
WCN 2023 Briefing	11:00-12:00	Ajman A
WFN Trustees Meeting	12:00-14:00	Ajman A
WEDNESDAY, OCTOBER 30		
WFN Neuroepidemiology SG	10:00-12:00	Ajman A
Tropical and Geographical Research Group of WFN	12:30-14:30	Dubai D
WCN 2021 Congress Committee SPC & TCC Meeting	14:00-16:00	Ajman A

VENUE MAPS

GROUND LEVEL



FIRST LEVEL



CME/CPD ACCREDITATION



COMMITMENT TO THE HIGHEST STANDARDS IN CME/CPD

Kenes is committed to being a valuable and knowledgeable partner in the design and delivery of educationally strong, independent, transparent, and effective CME/CPD programmes. Kenes is a proud member of the Good CME Practice Group (gCMEp), a member organisation contributing to improving health outcomes by:

- Championing best practice in CME/CPD
- Maintaining and improving standards
- Mentoring and educating
- Working in collaboration with critical stakeholders

Membership in the Good CME Practice Group illustrates the Kenes commitment to high standards and knowledgeable partnership with its clients in the design and delivery of educationally strong, independent, transparent, effective, and financially viable medical events.

ACCREDITATION STATEMENT AND CREDIT DESIGNATION

EUROPEAN ACCREDITATION COUNCIL FOR CONTINUING MEDICAL EDUCATION (UEMS/EACCME)

The 24th World Congress of Neurology is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS): www.uems.net.

The 24th World Congress of Neurology is designated for a maximum of, or up to, 31 European external CME credits. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

AMERICAN MEDICAL ASSOCIATION (AMA)

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of *AMA PRA Category 1 Credits™*. Information on the process to convert EACCME credit to AMA credit can be found at <https://www.ama-assn.org/education/cme/uemseaccme-cme-credit-recognition>.

ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: www.royalcollege.ca/rcsite/cpd/providers/international-accreditation-agreements-e

EDUCATIONAL OBJECTIVES

After attending this event, participants should be able to:

- Address individual needs in compliance with their Continuous Professional Development (CPD) plan.
- Summarize major developments in the field of neurology.
- Describe innovative approaches to neurorehabilitation and its clinical application.
- Examine new trends, techniques, therapies, and diagnostic procedures in neurology.
- Evaluate the disorders of the autonomic nervous system.
- Review current basic clinical practice and technology in the field of neurology.
- Enhance a collaboration with the worlds scientific experts to advance scientific knowledge about neurology.

TARGET AUDIENCE

WCN 2019 bring together leading scientists, public health experts, policy-makers to translate recent scientific advances into action. Because of the diverse, clinically focused educational offering, participants are able to tailor the curriculum to meet the needs of international clinicians of all levels of experience.

CREDIT BREAKDOWN

Each participant should claim only those hours of credit that he/she actually spent in the educational activity.

Day	Maximum Credits
October 27, 2019	7
October 28, 2019	8
October 29, 2019	5
October 30, 2019	6
October 31, 2019	5
Total Credits:	31

TO RECEIVE YOUR CME/CPD CERTIFICATE

The CME/CPD certificate will be available after completing the online evaluation and credit claiming procedure. The process takes about 5 minutes. We thank you for your feedback as it is an important part of CME/CPD accreditation and helps improve future educational offerings.

BEFORE NOVEMBER 28, 2019:

1. Access the online system via any of the following

Visit the following link <https://www.surveymonkey.com/r/WCN2019Evaluation>

Please note that web browsers Mozilla Firefox 2.X or higher, or Google Chrome are recommended

Visit the CME/CPD Accreditation page on the event website

Follow the link in the email sent at the end of the event

2. Complete the anonymous online evaluation

3. Complete the credit claim form and submit

4. The CME/CPD certificate will be available for download and/or print for your personal records

Kindly note that the WCN 2019 online evaluation will be active on the last day of the meeting. You will then be able to access it and claim your CME/CPD certificate.

OPTIONAL NETWORKING EVENTS PROGRAM

OPENING CEREMONY & WELCOME RECEPTION

SUNDAY, OCTOBER 27 | 18:20 | SHEIKH RASHID E

All registered participants are invited to attend the Opening Ceremony and Welcome Reception. The opening ceremony will be held in the Congress Center in the Main Plenary Hall -Sheikh Rashid E.

The Opening Ceremony will be immediately followed by the Welcome Reception in the Exhibition. Please join us for the official XXIV World Congress of Neurology opening.

CULTURAL NETWORKING EVENT

TUESDAY, OCTOBER 29 | 17:00 | BAB AL SHAMS, AL HADHEERAH RESTAURANT

Transportation to this event is only by the busses departing from the congress venue.

Like a scene out of a fairytale, Al Hadheerah at Bab Al Shams Desert Resort & Spa is the place to experience Arabia in all its glory. From authentic Middle Eastern cuisine prepared using ancient recipes, to lively dance and music performances, to mesmerising camel and equestrian shows, this must-visit venue in Dubai leaves no stone unturned in creating an Arabian experience - right down to the last detail.

Evening includes:

- Transportation
- Buffet
- Assorted soft drinks, and Arabic coffee
- Camel and Horse Riding
- Horse show on the dunes
- Camel Caravan on the dunes
- Falcon Display
- Dabka Folkloric Dance
- Belly Dancer
- Oriental Band

Buses will depart from the Congress Center from 17:00 and will return to the Congress Center after dinner.

Tickets are available for purchasing via the Onsite Registration Kiosks in the Registration Area – subject to availability.

Ticket Cost: USD 60 (per person)

PLENARY LECTURES

Plenary Lecture 1:

Sunday, October 27 | 08:00-08:45 | Sheikh Rashid E

Fulton Award Lecture: THE BATTLE TO BEAT PARKINSON'S DISEASE

Patrick Brundin, USA

Plenary Lecture 2:

Sunday, October 27 | 08:45-09:15 | Sheikh Rashid E

NEUROGENETICS

Fowzan Alkuraya, Saudi Arabia

Plenary Lecture 3:

Monday, October 28 | 08:00-08:30 | Sheikh Rashid E

READING IN THE BRAIN: MAPPING THE MASSIVE IMPACT OF LITERACY ON BRAIN CIRCUITS

Stansilas Dehaene, France

Plenary Lecture 4:

Monday, October 28 | 08:30 - 09:00 | Sheikh Rashid E

THE GRAY ZONE AND BRAIN DEATH

Adrian Owen, Canada

PRESIDENTIAL SYMPOSIUM, WFN MEDALS PRESENTATION & SORIANO AWARD PLENARY LECTURE

Monday, October 28 | 09:00 - 10:45 | Sheikh Rashid E

09:00-09:20

WFN Medals Presentation

09:20-09:50

Soriano Award Lecture: LIGHT, CIRCADIAN RHYTHMS AND SLEEP: MECHANISMS TO NEW THERAPEUTICS

Russell Foster, United Kingdom

09:50

THE WHO AND NEUROLOGY: RECENT COLLABORATIVE OUTCOMES

VIDEO MESSAGE FROM DR ADHANOM GHEBREYESUS TEDROS

DIRECTOR-GENERAL, WHO

ICD-11: HOW WILL IT IMPROVE NEUROLOGY

Raad Shakir (United Kingdom)

THE IMPLICATIONS OF THE RECLASSIFICATION OF STROKE AS A NEUROLOGICAL DISEASE

Bo Norrving (Sweden)

10:20-10:45

A GLOBAL ROLE FOR THE WORLD FEDERATION OF NEUROLOGY

WFN President: W.M. Carroll, Australia

Plenary Lecture 5:

Tuesday, October 29 | 08:00-08:30 | Sheikh Rashid E
Yahr Award Lecture: TREATING HUNTINGTON'S DISEASE
Sarah Tabrizi, United Kingdom

Plenary Lecture 6:

Tuesday, October 29 | 08:30-09:00 | Sheikh Rashid E
IMAGING PAIN
Irene Tracey, United Kingdom

Plenary Lecture 7:

Wednesday, October 30 | 08:00-08:30 | Sheikh Rashid E
WHAT IS GENOMICS TEACHING US ABOUT NEURDDEGENERATION AND WHAT SHOULD WE DO ABOUT IT?
John Hardy, United Kingdom

Plenary Lecture 8:

Wednesday, October 30 | 08:30-09:00 | Sheikh Rashid E
MULTIPLE SCLEROSIS
Mar Tintore, Spain

Plenary Lecture 9:

Thursday, October 31 | 08:00-08:30 | Sheikh Rashid E
Barucha Award Lecture: BRAIN-MACHINE INTERFACES: FROM BASIC SCIENCES TO NEUROREHABILITATION
Miguel Nicolelis, Brazil

Plenary Lecture 10:

Thursday, October 31 | 08:30-09:00 | Sheikh Rashid E
THE PROMISE OF THE BRAIN INITIATIVE© FOR THOSE WITH NEURO/MENTAL/SUBSTANCE ABUSE DISORDERS
Walter Koroshetz, USA

THE TOURNAMENT OF THE MINDS

This article was originally published in World Neurology.

The Tournament of the Minds is a unique opportunity for WCN 2019 participants to interact with colleagues, test intellectual tenacity, and demonstrate national pride, all while competing in country teams. As such, the aim of the Tournament of the Minds is to provide an experience that is both educational and entertaining for participants, integrating various aspects of neurology. This is the seventh time the Tournament has been organized by the World Federation of Neurology at a World Neurology Congress.

Based on previous Tournaments, we know that this dynamic and enjoyable activity enriches the Congress for all participants – both professionally and socially.

WFN member societies are invited to enter a team of 4 neurologists in the Tournament. Teams will compete in a knockout competition, to answer questions on a range of neurological topics based on clinical cases from around the world; the questions will focus on visual material, videos and stills, with a minimum of text. Tournament judges will award the winning team an attractive prize.

All teams will first take part in a Qualifying Round. The 8 teams that achieve the highest scores will progress to a Semi-Final Round and compete in two groups of 4 teams, with the winners of each group advancing to the Final.

There will be one team per country but, where there are a limited number of neurologists, a team may consist of nationals from more than one country. Congress organizers hope that the Tournament will attract many competitors from all participating countries.

To participate, please contact the president of the relevant local Member Society who is responsible for coordinating national teams. For more details on Member Societies, please visit: <http://www.wfneurology.org/member-societies> ; or approach the Congress Secretariat at the Faculty Desk, stating the full names and email addresses of all members of your team, as well as the country you will be representing at the Tournament. Please indicate who the team leader will be.

The Tournament sessions will take place as follows:

TUESDAY, OCTOBER 29 | SHEIKH MAKTOUM C

13:00 – 14:00 - Tournament of the Minds: “Heats” Qualifying Round

WEDNESDAY, OCTOBER 30 | SHEIKH MAKTOUM A & SHEIKH MAKTOUM C

13:00 – 14:00 - Tournament of the Minds: Semi Final

THURSDAY, OCTOBER 31 | SHEIKH MAKTOUM A

13:00 – 14:00 - Tournament of the Minds: Final

INFORMATION FOR SPEAKERS AND FREE PAPER PRESENTERS

A Speakers' Ready Room will be available every day throughout the Congress for Speakers.

Please find below the Speakers' Ready Room opening hours:

Sunday, October 27	07:00 – 19:30
Monday, October 28	06:30 – 18:15
Tuesday, October 29	07:15 – 16:15
Wednesday, October 30	06:30 – 16:15
Thursday, October 31	06:30 – 14:30

PLEASE NOTE: IN COMPLIANCE WITH EACCME REQUIREMENTS ALL ORAL PRESENTERS ARE REQUESTED TO INCLUDE A SLIDE DISCLOSING CONFLICTS OF INTEREST AT THE BEGINNING OF THEIR PRESENTATION.

Please visit the Speakers' Ready Room to download a template of the disclosure slide.

GUIDELINES

If using a PowerPoint presentation (or PDF), please note you need to bring it on USB Memory stick and load it on one of the congress computers in the Speakers' Ready Room **at least 1 hour before the start of the session.**

Please note that the congress computers in the session halls are being supplied with Windows 10 Pro + MS Office 365 ProPlus. Native Projection ratio of the screens is 16:9.

If combining video films with PowerPoint, please make sure to check it in the session hall where your lecture is taking place during a coffee or lunch break prior to your session, at least 40 minutes before the start of the session - **even after checking it in the Speakers' Ready Room.**

Alternatively you may supply your own laptop computer. In such a case please confirm that it has a HDMI port for external signal and come to check it first in the Speakers' Ready Room as soon as you arrive and later on in the session hall where your lecture is taking place during the coffee or lunch break prior to your session, at least 40 minutes before the start of the session.

PRESENTATION DURATION

The duration of your presentation is indicated in the interactive scientific program as well as on the congress mobile APP. Please note that your presentation time includes time for questions and answers. Therefore, you are asked to plan your presentation accordingly.

IMPORTANT NOTE FOR MACINTOSH USERS

In order to use MAC presentations on a PC compatible computer please note that you need to prepare it according to the instructions below, before bringing it to the uploading station in the session Hall:

1. Use a common font, such as Arial, Times New Roman, Verdana etc. (special fonts might be changed to a default font on a PowerPoint based PC).
2. Insert pictures as JPG files (and not TIF, PNG or PICT - these images will not be visible on a PowerPoint based PC).

Alternatively you may use your own Macintosh laptop computer. In such a case please confirm you provide it with a HDMI adaptor for external signal and come to test it as soon as you arrive in the session Hall where your Presentation is taking place during the coffee or lunch break prior to your session.

INSTRUCTIONS FOR PAPER POSTER PRESENTERS

It is important that poster presenters adhere to the poster shift schedule below. The Organizing Committee will not be responsible for posters that are not removed by the end of the poster slot.

PAPER POSTER SHIFT SCHEDULE

Posters will be mounted in 4 shifts:

Poster Session 1:

CHANNELOPATHIES /NEUROETHICS /NEUROONCOLOGY /PAIN - PART I /SLEEP DISORDERS - PART I /STEM CELLS AND GENE THERAPY - PART I /STROKE /TRAINING IN NEUROLOGY - PART I AND TRAUMATIC BRAIN INJURY

Sunday, October 27, 2019 (Mounting from 08:00 and dismounting by 16:00)

Poster Session 2:

AUTOIMMUNE DISORDERS - PART I /CNS INFECTIONS - PART I / DEMENTIA - PART I /EPILEPSY - PART I / HEALTH ECONOMICS AND OUTCOMES / NEUROEPIDEMIOLOGY AND ENVIRONMENTAL AND OTHER

Monday, October 28, 2019 (Mounting from 08:00 and dismounting by 16:00)

Poster Session 3:

AUTONOMIC NERVOUS SYSTEM DISORDERS / HISTORY OF NEUROLOGY /MOTOR NEURON DISEASE / MOVEMENT DISORDERS / MS & DEMYELINATING DISEASES / NEUROMUSCULAR DISORDERS / VESTIBULAR DISORDERS AND NUTRITIONAL DISORDERS OR INTOXICATIONS

Tuesday, October 29, 2019 (Mounting from 08:00 and dismounting by 16:00)

Poster Session 4:

ATAXIA AND CEREBELLAR DISORDERS / AUTOIMMUNE DISORDERS - PART II /CNS INFECTIONS - PART II / DEMENTIA - PART II /EPILEPSY - PART II / FUNCTIONAL DISORDERS AND BEHAVIORAL NEUROLOGY / HEADACHE / METABOLIC AND MITOCHONDRIAL DISEASES / NEURO-CRITICAL CARE / NEUROGENETICS /NEUROOPHTHALMOLOGY / NEUROPHYSIOLOGY / NEUROREHABILITATION / PAIN - PART II / SLEEP DISORDERS - PART II / STEM CELLS AND GENE THERAPY - PART II / TRAINING IN NEUROLOGY - PART II / CHILD NEUROLOGY ANDNEUROIMAGING

Wednesday October 30, 2019 (Mounting from 08:00 and dismounting by 16:00)

Posters should be mounted from 08:00 on the day of your shift and removed by 16:00 on the same day. The organizers cannot be responsible for posters not removed by the above stated time.

- Poster Boards will be located in the Exhibition.
- Please stand at your Poster during coffee and lunch breaks
- There will be a Poster Helpdesk onsite to assist you.

OVERVIEW OF POSTERS

	Topic	Pres. Number
POSTER SHIFT 01	Channelopathies	001-004
	Neuroethics	005-007
	Neurooncology	008-030
	Pain	031-047
	Sleep Disorders	048-058
	Stem Cells and Gene Therapy	059-060
	Stroke	061-344
	Training in Neurology	345-349
	Traumatic Brain Injury	350-360
POSTER SHIFT 02	Autoimmune Disorders	001-067
	CNS Infections	068-119
	Dementia	120-175
	Epilepsy	176-276
	Health Economics & Outcomes	277-281
	Neuroepidemiology and Environmental	282-290
	Other	291-356
POSTER SHIFT 03	Motor Neuron Disease	001-022
	Autonomic Nervous System Disorders	023-038
	History of Neurology	039-041
	Movement Disorders	042-167
	MS & Demyelinating Diseases	168-263
	Neuromuscular Disorders	264-340
	Neurotology - Vestibular disorders	341-351
	Nutritional Disorders or Intoxications	352-360
POSTER SHIFT 04	Ataxia and Cerebellar Disorders	001-014
	Autoimmune Disorders	015-025
	CNS Infections	026-031
	Dementia	032-046
	Epilepsy	047-066
	Functional Disorders and Behavioral Neurology	067-089
	Headache	090-139
	Metabolic and Mitochondrial Diseases	140-156
	Neuro-critical Care	157-173
	Neurogenetics	174-197
	Neuroophthalmology	198-207
	Neurophysiology	208-248
	Neurorehabilitation	249-273
	Pain	274-278
	Sleep Disorders	279-280
	Stem Cells and Gene Therapy	281-282
Training in Neurology	283-284	
Child Neurology	285-327	
Neuroimaging	328-362	



ACCELERATING THE PACE OF CHANGE

دبي

SUNDAY
OCTOBER 27, 2019

WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019



SUNDAY, OCTOBER 27, 2019

08:00 - 08:45

SHEIKH RASHID E

PLENARY LECTURE 1: FULTON AWARD LECTURE

Chairs: W.M. Carroll (Australia)

G. Deuschl (Germany)

08:00 FULTON SYMPOSIUM LECTURE: THE BATTLE TO BEAT PARKINSON'S DISEASE

P. Brundin (USA)

08:45 - 09:15

SHEIKH RASHID E

PLENARY LECTURE 2: NEUROGENETICS

Chairs: R. Gouider (Tunisia)

M. El Alaoui Faris (Morocco)

08:45 NEUROGENETICS

F. Alkuraya (Saudi Arabia)

09:15 - 10:45

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT1A: MOVEMENT DISORDERS

Chairs: E.M. Valente (Italy)

R. Takahashi (Japan)

ADVANCES IN PARKINSON'S DISEASE

09:15 UPDATE ON PATHOGENESIS AND GENETICS

E.M. Valente (Italy)

09:45 DIAGNOSIS AND BIOMARKERS

A. Aldakheel (Saudi Arabia)

10:15 CURRENT STRATEGIES AND NEW MEDICATIONS TO TREAT ADVANCED PD

R. Takahashi (Japan)

09:15 - 10:45

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT2A: JOINT SESSION WFN/WSO: STROKE

Chairs: M. Brainin (Austria)
C. Chen (Singapore)

WSO/WFN SESSION: CHALLENGES FROM NON-MOTOR CONSEQUENCES OF STROKE

09:15 DEPRESSION

C. Chen (Singapore)

09:45 COGNITION

M. Brainin (Austria)

10:15 RECOVERY GUIDANCE WITH THE POST-STROKE CHECK LIST

K.S. Sunnerhagen (Sweden)

09:15 - 10:45

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT3A: EPILEPSY

Chairs: S. Wiebe (Canada)
E. Perucca (Italy)

EPILEPSY: WHAT EVERY NEUROLOGIST SHOULD KNOW

09:15 KEEP IT SIMPLE: NEW CONCEPTS AND DEFINITIONS IN EPILEPSY

S. Wiebe (Canada)

09:45 USE AND MISUSE OF NEW ANTIEPILEPTIC DRUGS

E. Perucca (Italy)

10:15 EPILEPSY SURGERY – WHAT DO I NEED TO KNOW?

Y. Comair (Lebanon)

09:15 - 10:45

SHEIKH MAKTOUM D

TEACHING COURSE: TC 1: NEUROINFECTIOUS DISEASE/TROPICAL NEUROLOGY PART I

Chairs: M. Medina (Honduras)

C. Meshram (India)

09:15 CSF EVALUATION IN NEURO-INFECTIONS

R. Shakir (United Kingdom)

09:45 CEREBRAL VENOUS THROMBOSIS IN TROPICAL AREAS

C. Meshram (India)

10:15 NEUROLOGICAL CONSEQUENCES OF ARBOVIRUS INFECTIONS

M. Medina (Honduras)

09:15 - 10:45

SHEIKH MAKTOUM B

TEACHING COURSE: TC 2: MULTIPLE SCLEROSIS AND OTHER DEMYELINATING DISEASE: KEY MANAGEMENT FACTORS IN MS IN 2019

Chairs: S. Khoury (Lebanon)

X. Montalban (Canada)

09:15 EARLY TREATMENT

S. Daoudi (Algeria)

09:45 EARLY IDENTIFICATION OF NON-RESPONDERS

X. Montalban (Canada)

10:15 FIGHT AGAINST TREATMENT INERTIA

X. Montalban (Canada)

09:15 - 10:45

SHEIKH RASHID A

SCIENTIFIC SESSION: TOPICS: T1A: 2. BRINGING MR INNOVATION TO THE CLINIC

Chairs: J. Masdeu (USA)

O. Del Brutto (Ecuador)

09:15 ADVANCES IN MULTIPLE SCLEROSIS MRI

R. Alroughani (Kuwait)

09:45 NEUROIMAGING OF NEUROCYSTICERCOSIS

O. Del Brutto (Ecuador)

10:15 IMAGING OF OTHER ENCEPHALITIS AND OF NONCOMPRESSIVE ACUTE TRANSVERSE MYELOPATHIES

R. Garg (India)

09:15 - 10:45

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T2A: 3. NEUROPSYCHIATRY

Chairs: E. Krishnamoorthy (India)
D. Arciniegas (USA)

CLINICAL NEUROPSYCHIATRY

09:15 WHAT DETERMINES A GOOD OUTCOME FROM TRAUMATIC BRAIN INJURY

D. Arciniegas (USA)

09:45 THE NEW NEUROLOGY OF SCHIZOPHRENIA

L. Tebartz Van Elst (Germany)

10:15 THE BORDERLANDS BETWEEN EPILEPSY AND BEHAVIOUR REVISITED

E. Krishnamoorthy (India)

09:15 - 10:45

ABU DHABI B

FREE PAPERS 01 - STROKE 1

Chairs: D. Hanley (USA)

D.A. De Silva (Singapore)

09:15 A STUDY OF DECOMPRESSIVE CRANIECTOMY IN ACUTE STROKE - A RETROSPECTIVE STUDY FROM A TERTIARY CARE CENTRE FROM INDIAN.S. Madduru (India)**09:25 THE EFFECT OF TRANSCRANIAL DIRECT STIMULATION(TDCS) AND EXERCISE ON COGNITION AND MOTOR ASPECT IN PATIENTS WITH CHRONIC STROKE**S. Kaura, M.V.P. Srivastava, S.S. Kumaran (India)**09:35 COMPARISON OF ONE-SESSION ANODAL TDCS EFFECTS ON FINE MOTOR CONTROL IN SUBACUTE AND CHRONIC STROKE PATIENTS.**E. Pavlova, R.V. Semenov, A.B. Guekht (Sweden)**09:45 ASSOCIATION BETWEEN ADMISSION BLOOD FIBRINOGEN-ALBUMIN RATIO AND CLINICAL OUTCOMES AFTER ACUTE LACUNAR INFARCTION**L. Zheng, J. Liu, X. Yang, M. Liu, D. Wang (China)**09:55 INTRACRANIAL ATHEROSCLEROTIC DISEASE AMONG SAUDIS; PREVALENCE, CHARACTERISTICS AND PREDICTORS OF OUTCOME**M. Alabbas, A. Al Khathaami, A. El Metwally, M. Badri¹, M. Alskaini (Saudi Arabia)**10:05 WOMEN VS MEN. SEX DIFFERENCE OUTCOMES AFTER MECHANICAL THROMBECTOMY IN ACUTE ISCHEMIC STROKE**C. Ciardi, J.J. Cirio, M. Buezas, M.L. Caballero, M. Lopez, J. Chudyk, J.F. Vila, P. Lylyk (Argentina)**10:15 CLINICAL INTERVENTIONS TO MANAGE SLEEP APNEA IN PATIENTS WITH STROKE: SYSTEMATIC REVIEW AND META-ANALYSIS OF THE ONGOING CLINICAL TRIALS**S. Redkar, V. Redkar, S. Redkar, M. Inamdar, A. Inamdar, M. Jagtap, D. Khanolkar, R. Shradhha, S. Kulkarni, S. Deshpande (India)**10:25 HYPODENSITIES WITHIN HEMATOMA IS TIME DEPENDENT AND PREDICTS OUTCOME AFTER SPONTANEOUS INTRACEREBRAL HEMORRHAGE**P. Kesav, V. Vedartham, S. Manianagatt, C. Nagesh, S. Erat Sreedharan, E.R. Jayadevan, P.S. Sarma, P.N. Sylaja (India)**10:35 A PATIENT-ASSESSOR BLINDED, RANDOMIZED CONTROLLED TRIAL OF COMPREHENSIVE ACUPUNCTURE THERAPY FOR NEUROPSYCHIATRIC SEQUELAE OF STROKE**Z.J. Zhang (Hong Kong S.A.R.)

09:15 - 10:45

DUBAI C

TC WORKSHOPS: NEUROSONOLOGY WORKSHOP PART I

Chairs: M. Del Sette (Italy)
K. Niederkorn (Austria)

09:15 EVIDENCE BASED NEUROSONOLOGY

M. Del Sette (Italy)

09:35 CAROTID DUPLEX ULTRASOUND: CLINICAL APPLICATIONS

E. Bartels (Germany)

09:55 NEUROVASCULAR ULTRASOUND AGAINST OTHER MODALITIES: IS IT THE WINNER? CASE SCENARIOS

F. Abd-Allah (Egypt)

10:15 MICROEMBOLIC SIGNALS AS A MARKER FOR STROKE RISK

M. Kaps (Germany)

09:15 - 10:45

DUBAI D

FREE PAPERS 02 - AUTOIMMUNE DISORDERS

Chairs: P. Chinnery (United Kingdom)

E. Shosha (Bahrain)

09:15 EPIDEMIOLOGY OF PARANEOPLASTIC NEUROLOGIC DISORDERS AND AUTOIMMUNE ENCEPHALITIDES IN FRANCE

J. Hebert, B. Riche, M. Rabilloud, J. Honnorat (France)

09:25 CARDIOVASCULAR COMPLICATIONS AND ITS RELATIONSHIP WITH FUNCTIONAL OUTCOME IN GUILLAIN-BARRE SYNDROME (GBS)

R. Verma, S. Gupta, R.K. Garg, H.S. Malhotra, P. Sharma (India)

09:35 CLINICAL FEATURES OF THE SEIZURES IN THE NEURONAL SURFACE ANTIBODY-ASSOCIATED AUTOIMMUNE ENCEPHALITIS - REPORT OF 18 CASES

Y. Wang, Y. Wang, F. Song (China)

09:45 NEUROMYELITIS OPTICA SPECTRUM DISORDERS IN ARABIAN GULF (NMOAG); FIRST CLINICAL AND RADIOLOGICAL DELINEATION COHORT

E. Shosha, A. Al Asmi, E. Nasim, J. Inshasi, M. Jumah, F. Abdulla, Y. Al Malik, A. Althobaiti, M. Alzawahma, H. Alnajashi, M. Falah, A. Al Harbi, I. Althubaiti, I. Alsharooqi, K. Hundallah, A. Al Rasheed, R. AlRoughani, S. Ahmed (Saudi Arabia)

09:55 ANTI GAD AUTOIMMUNOPATHY: A SYNDROME OR A SPECTRUM? AN INSIGHT FROM THE OMANI COHORT STUDY

A. Alobaidy, M. Alkindi, M. Alsulaimi, A. Alajmi, J. Alshekaili (Oman)

10:05 TYPICAL AND ATYPICAL NEURO MYELITIS OPTICA SPECTRUM DISORDER - ITS IMPLICATIONS, AN INDIAN STUDY

V.K.C. Koduri, V.S. Nagarjunakonda, V. Uppala, R. Gajula (India)

10:15 NASAL ADMINISTRATION OF FASUDIL-MODIFIED MONONUCLEAR CELLS SHOWED MULTITARGET THERAPEUTIC EFFECT ON EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS

S.D. Guo, C.Y. Liu, J.Z. Yu, J.C. Liu, Q. Wang, J.L. Li, Z. Chai, L. Feng, J.J. Huang, B.G. Xiao, C.G. Ma (China)

10:25 CLINICAL ANALYSIS OF 9 CASES OF LEUCINE-RICH GLIOMA INACTIVATED 1 PROTEIN ASSOCIATED ENCEPHALITIS

Y. Wang, Y. Li, F. Song (China)

10:35 EFFICACY OF SATRALIZUMAB IN SUBGROUPS OF PATIENTS IN SAKURASKY: A PHASE III DOUBLE-BLIND, PLACEBO-CONTROLLED, ADD-ON STUDY IN PATIENTS WITH NEUROMYELITIS OPTICA SPECTRUM DISORDER (NMO SD)

T. Yamamura, I. Kleiter, K. Fujihara, J. Palace, J. Greenberg, B. Zakrzewska-Pniewska, F. Patti, C.P. Tsai, A. Saiz, M. Haramura, Y. Terada, Y. Kawata, J. De Seze (Japan)

10:45 - 11:15

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

11:15 - 12:45

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT1B: MOVEMENT DISORDERS

Chairs: M. Stamelou (Greece)

H. Ling (United Kingdom)

ATYPICAL PARKINSONISM (MSA, PSP, CBS)

11:15 DIFFERENTIAL DIAGNOSIS AND PHENOTYPIC SPECTRUM

M. Stamelou (Greece)

11:45 BIOMARKERS

G. Hoeglinger (Germany)

12:15 MANAGEMENT OF MSA, PSP AND CBS

H. Ling (United Kingdom)

11:15 - 12:45

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT2B: JOINT SESSION WFN/WSO: STROKE

Chairs: S. Al-Rukn (United Arab Emirates)

D. Werring (United Kingdom)

WSO/WFN SESSION: INTENSIVE CARE IN STROKE

11:15 STROKE – UPDATES ON SURGICAL OPTIONS IN SUBARACHNOID HEMORRHAGES

F. Roser (United Arab Emirates)

11:45 CENTRAL BREATHING DISTURBANCES

E. Schmutzhard (Austria)

12:15 IS THERE STILL A PLACE FOR HYPOTHERMIA?

B. Van der Worp (The Netherlands)

11:15 - 12:45

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT3B: EPILEPSY

Chairs: R. Nabbout (France)

E. Wirrell (USA)

CHALLENGES IN PEDIATRIC EPILEPSY

11:15 THE BRAVE NEW WORLD OF GENETICS IN EPILEPSY

R. Nabbout (France)

11:45 PROGRESSIVE MYOCLONIC EPILEPSY

A. Gargouri-Berrechid (Tunisia)

12:15 EMERGING IMMUNE THERAPIES IN PEDIATRIC EPILEPSY

E. Wirrell (USA)

11:15 - 12:45

SHEIKH MAKTOUM D

TEACHING COURSE: TC 1: NEUROINFECTIOUS DISEASE/TROPICAL NEUROLOGY PART II

Chairs: A.G. Diop (Senegal)

R. Gouider (Tunisia)

11:15 APPROACH TO NEUROTUBERCULOSIS, THE GREAT CHAMELEON

M. Thakre (United Arab Emirates)

11:45 DIAGNOSIS AND MANAGEMENT OF NEUROBRUCCELLOSIS

R. Gouider (Tunisia)

12:15 FROM THE INFECTED BRAIN CELLS TO SEIZURES

A.G. Diop (Senegal)

11:15 - 12:45

SHEIKH MAKTOUM B

TEACHING COURSE: TC 2: MULTIPLE SCLEROSIS AND OTHER DEMYELINATING DISEASE: PERSONALIZED MEDICINE IN MS

Chairs: S. Khoury (Lebanon)
X. Montalban (Canada)

11:15 IDENTIFYING PROGNOSTIC FACTORS

R. Milo (Israel)

11:45 HIGHLY EFFICACIOUS DRUGS

X. Montalban (Canada)

12:15 BIOLOGICAL BIOMARKERS FOR DIAGNOSIS /PROGNOSIS AND TREATMENT RESPONSES

S. Khoury (Lebanon)

11:15 - 12:45

SHEIKH RASHID A

SCIENTIFIC SESSION: TOPICS: T1B: 2. BRINGING MR INNOVATION TO THE CLINIC

Chairs: O. Del Brutto (Ecuador)
J. Masdeu (USA)

11:15 ADVANCES OF MRI IN STROKE

S. Warach (USA)

11:45 7T MRI: MEASURING WHITE MATTER CHANGES IN MS AND IRON CONTENT IN BRAIN

S. Hametner (Austria)

12:15 UNRAVELING THE NEUROBIOLOGY OF NEURODEGENERATION WITH MRI AND GENETICS

J. Masdeu (USA)

11:15 - 12:45

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T2B: 3. NEUROPSYCHIATRY

Chairs: E. Krishnamoorthy (India)
P. Sachdev (Australia)

NEURODEGENERATIVE DISORDERS

11:15 THE NEW NEUROBIOLOGY OF DEMENTIA

M. Thambisetty (USA)

11:45 CEREBROVASCULAR DISEASE, DEMENTIA AND DEPRESSION- WHERE IS THE NEXUS?

P. Sachdev (Australia)

12:15 THE BRAIN AND BEHAVIOUR IN PARKINSON'S DISEASE AND RELATED DISORDERS- FROM BENCH TO BEDSIDE

E. Joyce (United Kingdom)

11:15 - 12:45

ABU DHABI B

SCIENTIFIC SESSION: TOPICS: T3: MAXIMISING NEUROPLASTICITY IN NEUROREHABILITATION

Chairs: C. Pistarini (Italy)
N. Paik (Republic of Korea)

11:15 BASIC MECHANISMS UNDERLYING THE PLASTICITY AND ITS INDUCTION METHODS

Y. Ugawa (Japan)

11:45 VIRTUAL REALITY AND MOTOR REHABILITATION OF THE UPPER LIMB AFTER CNS DAMAGE

C. Pistarini (Italy)

12:15 NEW DRIVERS OF NEUROPLASTICITY ADOPTING RECENT TECHNOLOGIES

N.J. Paik (Republic of Korea)

11:15 - 12:45

DUBAI C

TC WORKSHOPS: NEUROSONOLOGY WORKSHOP PART II

Chairs: M. Kaps (Germany)
A. Razumovsky (USA)

11:15 NEUROSONOLOGY ROLE FOR PATIENTS WITH CVD AND ACUTE STROKE

A. Razumovsky (USA)

11:45 ULTRASOUND AS A TOOL TO IDENTIFY HIGH-RISK PATIENTS (ACAS, PFO AND ESUS)

N. Bornstein (Israel)

12:15 ULTRASOUND FOR PERIPHERAL NERVE AND MUSCLES

S. Meng (Austria)

11:15 - 12:45

DUBAI D

FREE PAPERS 03 - CNS INFECTIONS

Chairs: M. El-Tamawy (Egypt)
R. Shakir (United Kingdom)

- 11:15 SAFETY AND EFFICACY OF INTRATHECAL INTERFERON- β THERAPY IN SUBACUTE SCLEROSING PANENCEPHALITIS - AN INTERIM ANALYSIS**
H. Malhotra, N. Kumar, S. Pandey, A.K. Singh, R.K. Garg (India)
- 11:25 PLATELET DYSFUNCTION & COAGULATION ASSESSMENT IN PATIENTS WITH TUBERCULOUS MENINGITIS**
R. Verma, S. Mahapatro, R.K. Garg, H.S. Malhotra, P. Sharma (India)
- 11:35 DETECTION OF MENINGO-ENCEPHALITIS TRENDS USING THE SYNDROME EVALUATION SYSTEM - A PAN-INDIA MULTIPLEX PCR STUDY**
S. Bhattacharjee, R. B.v, B. Maramattom, Varkey, B. Natarajan, Subrahmanyam, B. N (India)
- 11:45 CLINICAL AND RADIOLOGICAL PROFILE OF TUBERCULOUS MENINGITIS IN A TERTIARY CARE CENTRE - A RETROSPECTIVE STUDY**
R. Vemuri, N.V. Sundarachari (India)
- 11:55 CLINICAL FEATURES, OUTCOMES AND PROGNOSTIC FACTORS OF TUBERCULOUS MENINGITIS IN ADULTS WORLDWIDE: SYSTEMATIC REVIEW AND META-ANALYSIS**
K. Li, L. Wen (China)
- 12:05 ELECTRON MICROSCOPY & DIFFERENTIAL GENE EXPRESSION OF VARIOUS NEUROTRANSMITTERS & CYTOSKELETON RELATED PROTEINS UNDER RABIES VIRUS INFECTION**
W. Ahmad, F. Shahid Hussain, A. Ali, Q. Akram (Pakistan)
- 12:15 AN OBSERVATIONAL STUDY TO ESTABLISH THE ACCEPTANCE RATES OF LUMBAR PUNCTURE AMONG PATIENTS WITH NON-STROKE NEUROLOGICAL DISEASES AT UNIVERSITY TEACHING HOSPITALS- ADULT HOSPITAL IN LUSAKA, ZAMBIA**
M. Chomba, A. Nutakki, L. Chishimba, S. Zimba, D. Saylor (Zambia)
- 12:25 CRYPTOCOCCAL MENINGITIS IN HIV AND NON-HIV PATIENTS - A COMPARATIVE STUDY OF CLINICAL AND CSF PARAMETERS**
M.K. Acharya, B. Das, N. Begam, Nahar (India)
- 12:35 ETIOLOGY AND SHORT TERM OUTCOME OF ACUTE FEBRILE ENCEPHALOPATHY AMONG CHILDREN IN A TERTIARY CARE CENTRE IN SOUTH INDIA**
P.A.M. Kunju, M. Iype, M. Sreedhaean, B. Thankappan (India)

12:45 - 14:45

EXHIBITION AREA

LUNCH BREAK, POSTER VIEWING AND EXHIBITION VISIT

13:00 - 14:30

SHEIKH RASHID A

SPONSORED SYMPOSIUM -NON CME/CPD CREDIT

FOR FULL PROGRAM, PLEASE SEE PAGE 151

13:00 - 14:30

SHEIKH RASHID B

SPONSORED SYMPOSIUM -NON CME/CPD CREDIT

FOR FULL PROGRAM, PLEASE SEE PAGE 152

14:30 - 14:45

SHORT BREAK

14:45 - 16:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT1C: MOVEMENT DISORDERS

Chairs: K. Bhatia (United Kingdom)

M. de Koning-Tijssen (The Netherlands)

HYPERKINETIC MOVEMENT DISORDERS (DYSTONIA, MYOCLONUS, CHOREA AND TIC)

14:45 ONE GENE MANY PHENOTYPES, ONE PHENOTYPE MANY GENES

M. De Koning-Tijssen (The Netherlands)

15:15 UPDATES IN TREMOR

Z. Aldaajani (Saudi Arabia)

15:45 TREATMENT OF HYPERKINETIC MOVEMENT DISORDERS

K. Bhatia (United Kingdom)

14:45 - 16:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT2C: JOINT SESSION WFN/WSO: STROKE

Chairs: D. Hanley (USA)

B. Van der Worp (The Netherlands)

WSO/WFN SESSION: INTRACRANIAL HEMORRHAGES: NEW DATA, NEW DECISIONS

14:45 SURGICAL INTERVENTIONS IN ICH

D. Hanley (USA)

15:15 CSF AND OTHER INTERVENTIONS

D. Staykov (Austria)

15:45 RECURRENT HEMORRHAGES, NEW DATA, NEW DECISIONS

D. Werring (United Kingdom)

14:45 - 16:15

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT3C: EPILEPSY

Chairs: A. Beydoun (Lebanon)

T. Tomson (Sweden)

EPILEPSY IN SPECIAL SITUATIONS

14:45 PRACTICAL MANAGEMENT OF EPILEPSY AND PREGNANCY

T. Tomson (Sweden)

15:15 DIAGNOSIS OF EPILEPSY IN PATIENTS WITH NEW ONSET PAROXYSMAL SPELLS: HOW OFTEN ARE WE WRONG?

A. Beydoun (Lebanon)

15:45 PARASOMNIA VS FRONTAL LOBE EPILEPSY: SIMILAR BUT DIFFERENT

N. Haddad (Qatar)

14:45 - 16:15

SHEIKH MAKTOUM D

TEACHING COURSE: TC 3: SLEEP NEUROLOGY PART I

Chairs: A. Videnovic (USA)

C. Schenck (USA)

14:45 MANAGEMENT OF SLEEP DISORDERS IN PARKINSONIAN SYNDROMES

A. Videnovic (USA)

15:30 MANAGEMENT AND TREATMENT OF REM SLEEP BEHAVIOR DISORDER (RBD) AND OTHER DISORDERS WITH DREAM-ENACTMENT

C. Schenck (USA)

14:45 - 16:15

SHEIKH MAKTOUM B

TEACHING COURSE: TC 4: MULTIPLE SCLEROSIS AND OTHER DEMYELINATING DISEASES: NEW WAYS OF MANAGING MS

Chairs: S. Khoury (Lebanon)

X. Montalban (Canada)

14:45 MS CO-MORBIDITIES AND ENVIRONMENTAL EXPOSURES

H. Tremlett (Canada)

15:15 DIAGNOSTIC CRITERIA FOR MS AND NMO

A. Thompson (United Kingdom)

15:45 MANAGEMENT OF MS IN PREGNANCY

K. Hellwig (Germany)

14:45 - 16:15

SHEIKH RASHID A

SCIENTIFIC SESSION: TOPICS: T4A: HEAD INJURY AND CRITICAL CARE NEUROLOGY

Chairs: I. Ahmad (United Arab Emirates)
D. Sharp (United Kingdom)

SURGICAL

14:45 ACUTE MANAGEMENT OF TBI

I. Ahmad (United Arab Emirates)

15:15 NEUROIMAGING OF TBI, MOVING TOWARDS 'BIG DATA' AND PRECISION MANAGEMENT

V. Newcombe (United Kingdom)

15:45 SURGICAL MANAGEMENT OF TBI

I. Ahmad (United Arab Emirates)

14:45 - 16:15

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T5A: MITOCHONDRIAL DYSFUNCTION IN NEUROLOGICAL DISEASE

Chairs: P. Chinnery (United Kingdom)
N.G. Larsson (Sweden)

14:45 MITOCHONDRIAL DNA AND NEURODEGENERATION

P. Chinnery (United Kingdom)

15:15 MITOCHONDRIAL MECHANISMS IN NEURODEGENERATION – LESSONS LEARNT FROM ANIMAL MODELS OF MITOCHONDRIAL DISEASES

N.G. Larsson (Sweden)

15:45 MITOCHONDRIA AND OPTIC NEURODEGENERATION

V. Carelli (Italy)

14:45 - 16:15

ABU DHABI A

TEACHING COURSE: TC 5: BEHAVIORAL NEUROLOGY PART I

Chairs: M. Freedman (Canada)
S. Cappa (Italy)

14:45 CLINICAL APPROACH TO PREFRONTAL LOBE FUNCTIONS

M. Freedman (Canada)

15:15 BEHAVIORAL AND MOOD CHANGES IN PREFRONTAL LOBE VERSUS PSYCHIATRIC DISORDERS

E. Krishnamoorthy (India)

15:45 SOCIAL COGNITION AND THEORY OF MIND: THE CONTRIBUTION OF FRONTAL LOBE

S. Cappa (Italy)

14:45 - 16:15

ABU DHABI B

FREE PAPERS 04 - DEMENTIA

Chairs: T. Iwatsubo (Japan)
N. Qadi (Saudi Arabia)

- 14:45 LEWY BODY DEMENTIA AND POSTERIOR CORTICAL VARIANT ALZHEIMER'S DISEASE: SIMILARITIES AND DIFFERENCES ON FDG PET AND TRODAT SCAN**
R. Verma, R. Ranjan (India)
- 14:55 XINGNAOJING INJECTION IMPROVES A β 1-42-INDUCED MEMORY DEFICIT IN MICE BY ALTERING OF EXCITATORY AMINO ACID TOXICITY AND SYNAPTIC PLASTICITY**
Y. Liu, X. Cao, Y. Xu (China)
- 15:05 ANTI-CYCLIC CITRULLINATED PEPTIDE ANTIBODY IN ASSOCIATION WITH VASCULAR CELL ADHESION MOLECULE 1(VCAM-1): FROM PRECLINICAL TO CLINICAL APPROACH TO PARKINSON'S DISEASE WITH DEMENTIA**
H. Ebrahimi, A.D. Korczyn (Israel)
- 15:15 URBANIZATION LEVELS AND THE PREVALENCE OF DEMENTIA IN TAIWAN – A DOOR-TO-DOOR NATIONWIDE POPULATION-BASED STUDY**
Y. Sun, C.C. Liu, C.J. Lu (Taiwan R.O.C.)
- 15:25 NEUROPROTECTIVE POTENTIAL OF SOLANESOL & EPIGALLOCATECHIN GALLATE ON ICV-STZ INDUCED COGNITIVE DYSFUNCTION IN RATS**
P. Jaswal, R. Riya, G. Singh (India)
- 15:35 CAN BEHAVIORAL SYMPTOMS DIFFERENTIATE CORTICAL FROM SUBCORTICAL DEMENTIA - A COMPARATIVE STUDY OF BEHAVIORAL PROFILE OF PARKINSON'S DISEASE DEMENTIA AND THE BEHAVIORAL VARIANT OF FRONTOTEMPORAL DEMENTIA**
A. Biswas, D. Saini, A. Roy, A. Mukherjee, G. Gangopadhyay (India)
- 15:45 IMPACT OF GENETIC VARIANT OF APOE E4 AND BDNF MET ON BDNF LEVELS, COGNITION AND BRAIN MORPHOMETRY IN MILD COGNITIVE IMPAIRMENT**
K. Cechova, Z. Chmatalova, H. Markova, V. Matuskova, M. Vyhnalek, J. Laczó, O. Lerch, R. Andel, F. Angelucci, V. Matoska, J. Hort (Czech Republic)
- 15:55 MILD COGNITIVE IMPAIRMENT ASSOCIATED WITH EVENTUAL LEWY BODY DISEASE PATHOLOGY: CLINICAL CHARACTERIZATION OF 75 PATIENTS**
B. Boeve, T. Ferman, N. Graff-Radford, D. Knopman, J. Graff-Radford, R. Savica, D. Jones, D. Drubach, J. Fields, M. Machulda, J. Lucas, L. Forsberg, T. Miyagawa, L. Allen, K. Kantarci, M. Murray, J. Parisi, D. Dickson, R. Petersen (USA)
- 16:05 CLINICAL AND NEUROIMAGING HETEROGENEITY OF DEMENTIA WITH LEWY BODIES**
A. Chimagomedova, O. Levin, E. Vasenina (Russia)

14:45 - 16:15

DUBAI C

TC WORKSHOPS: EMG HANDS-ON WORKSHOP: NERVE CONDUCTION STUDIES

Chairs: N. Birouk (Morocco)
J. Kimura (USA)

14:45 INTRODUCTIONS

J. Kimura (USA)

14:55 SENSORY AND MOTOR NERVE CONDUCTION WITH LATE RESPONSES

J. Kimura (USA)

15:35 ENMG FOR BRACHIAL PLEXOPATHY

N. Birouk (Morocco)

14:45 - 16:15

DUBAI D

REGIONAL SYMPOSIUM SESSION: PAN-AMERICAN SYMPOSIUM SESSION

Chairs: M. Medina (Honduras)

14:45 NEW APPROACH OF SLEEP DISORDERS

G.F. Do Prado (Brazil)

15:15 ANTI EPILEPTIC DRUG TREATMENT IN REFRACTORY EPILEPSIES

S. Castillo (Chile)

15:45 ENDOTHELIAL DYSFUNCTION ON CEREBRAL SMALL VESSEL DISEASE

M. Medina (Honduras)

16:15 - 16:45

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

16:45 - 18:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT1D: MOVEMENT DISORDERS

Chairs: O. Seidi (Sudan)
A. Aggarwal (India)

TREATABLE MOVEMENT DISORDERS NOT TO BE MISSED

16:45 TREATABLE INHERITED MOVEMENT DISORDERS

H. Jinnah (USA)

17:15 DRUG-INDUCED AND OTHER SECONDARY MOVEMENT DISORDERS

A. Aggarwal (India)

17:45 AUTOIMMUNE MOVEMENT DISORDERS

O. Seidi (Sudan)

16:45 - 18:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT2D: JOINT SESSION WFN/WSO: STROKE

Chairs: D.A. De Silva (Singapore)
B. Campbell (Australia)

WSO/WFN SESSION: ACUTE ISCHEMIC STROKE MANAGEMENT

16:45 BASICS OF STROKE UNITS

D.A. De Silva (Singapore)

17:15 MOBILE STROKE UNITS AND URGENT DECISION MAKING

B. Campbell (Australia)

17:45 REPERFUSION THERAPIES

F. Al-Ajlan (Saudi Arabia)

16:45 - 18:15

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT3D: EPILEPSY

Chairs: H. Hosny (Egypt)
E. Trinka (Austria)

MANAGING EMERGENCIES IN EPILEPSY

16:45 STATUS EPILEPTICUS: MANAGEMENT AND PROGNOSIS

E. Trinka (Austria)

17:15 ACUTE SYMPTOMATIC SEIZURES: WHO DEVELOPS THEM AND HOW DO WE TREAT THEM?

B.I. Lee (Republic of Korea)

17:45 EPILEPSY AFTER STROKE AND TRAUMA: RISK FACTORS AND MANAGEMENT

H. Hosny (Egypt)

16:45 - 18:15

SHEIKH MAKTOUM D

TEACHING COURSE: TC 3: SLEEP NEUROLOGY PART II

Chairs: A. Videnovic (USA)
C. Schenck (USA)

16:45 DIAGNOSIS AND MANAGEMENT OF SLEEP APNOEA IN STROKE PATIENTS

C. Bassetti (Switzerland)

17:30 THE SPECTRUM OF PARASOMNIAS OTHER THAN RBD - CLASSIFICATION AND VIDEO

C. Schenck (USA)

16:45 - 18:15

SHEIKH MAKTOUM B

TEACHING COURSE: TC 4: MULTIPLE SCLEROSIS AND OTHER DEMYELINATING DISEASES: HOT TOPICS

Chairs: S. Khoury (Lebanon)
X. Montalban (Canada)

16:45 RADIOLOGICALLY ISOLATED SYNDROMES

A. Siva (Turkey)

17:15 WHEN TO STOP TREATMENT

A. Thompson (United Kingdom)

17:45 PROGRESSIVE MS FROM PATHOGENESIS TO TREATMENT

S. Khoury (Lebanon)

16:45 - 18:15

SHEIKH RASHID A

SCIENTIFIC SESSION: TOPICS: T4B: HEAD INJURY AND CRITICAL CARE NEUROLOGY

Chairs: K. El Shunnar (United Arab Emirates)

I. Ahmad (United Arab Emirates)

CHRONIC TRAUMATIC ENCEPHALOPATHY

16:45 HOW CAN WE IDENTIFY AND MANAGE PROGRESSIVE PATHOLOGY AFTER TBI?

D. Sharp (United Kingdom)

17:15 CONCUSSION, TRAUMATIC BRAIN INJURY, AND CHRONIC TRAUMATIC ENCEPHALOPATHY: LESSONS FROM THE BATTLEFIELD, BALL FIELD, AND LAB BENCH

K. El Shunnar (United Arab Emirates)

17:45 DEVELOPMENT AND SPREAD OF TAU PATHOLOGY AFTER TBI

E. Zanier (Italy)

16:45 - 18:15

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T5B: MITOCHONDRIAL DYSFUNCTION IN NEUROLOGICAL DISEASE

Chairs: P. Chinnery (United Kingdom)
G. Manfredi (USA)

16:45 MITOCHONDRIA AND ALS

G. Manfredi (USA)

17:15 MITOCHONDRIA IN PARKINSON'S DISEASE

R. Youle (USA)

17:45 MITOCHONDRIA IN ALZHEIMER'S DISEASE

E. Area-Gomez (USA)

16:45 - 18:15

ABU DHABI A

TEACHING COURSE: TC 5: BEHAVIORAL NEUROLOGY PART II

Chairs: M. Benabdeljlil (Morocco)
D. Sharp (United Kingdom)

16:45 DIAGNOSIS OF FRONTO-TEMPORAL LOBAR DEGENERATIONS

M. Benabdeljlil (Morocco)

17:15 PREFRONTAL DISORDERS IN BASAL GANGLIA DISEASES

E. Joyce (United Kingdom)

17:45 FRONTAL COGNITIVE DYSFUNCTION FOLLOWING TRAUMATIC BRAIN INJURY

D. Sharp (United Kingdom)

16:45 - 18:15

ABU DHABI B

FREE PAPERS 05 - EPILEPSY 1

Chairs: E. Perucca (Italy)
N. Haddad (Qatar)

16:45 CLINICAL PROFILE OF ELECTROGRAPHICALLY CONFIRMED NON-CONVULSIVE STATUS EPILEPTICUS IN A TERTIARY HOSPITAL IN THE PHILIPPINES

V.M. Andal, M.A. Geronimo, A. Espiritu, M.L. Fernandez (Phillipines)

16:55 A POPULATION BASED STUDY OF EPILEPSY-ASSOCIATED COMORBIDITIES IN PEOPLE WITH EPILEPSY IN MOSCOW

F. Rider, W.A. Hauser, Y. Solomatin, R. Akzhigitov, A. Yakovlev, A. Guekht (Russia)

17:05 THE IMPACT OF CONSANGUINITY ON PATIENTS WITH MESIAL TEMPORAL LOBE EPILEPSY DUE TO HIPPOCAMPAL SCLEROSIS: CASE-CONTROL STUDY IN A SAUDI POPULATION

K. Al Qadi, F. Babbain, S. Rammal, M. Alem, A. Al Shahrani, H. Kayyali, S. Baesa, Y. Al Said (Saudi Arabia)

17:15 EPILEPSY SURGERY AT OR NEAR ELOQUENT CORTEX: CHALLENGES, APPROACHES AND OUTCOMES

S. Kumar, D. Nayak, R.M. Rao, L. K, S. Kumar, A. Kanagarajan, V. P. v (India)

17:25 SPECIFIC CHANGES OF NEUROMAGNETIC OSCILLATIONS IN THE DIFFERENT PERIODS DURING ABSENCE SEIZURES: A MULTI-FREQUENCY MEG STUDY

J. Sun, X. Wang (China)

17:35 TO STUDY GENETIC DETERMINANTS OF VARIOUS EPILEPSY TYPES IN EMIRATI POPULATION

N. Rais, Y. Malik, A. Alhawai, H. Alzarooni, S. Yaqoob, S. Khan, S. Zulfiqar, S. Alrukn, A. Almadani (United Arab Emirates)

17:45 FIRST UNPROVOKED SEIZURE LIMITATION AND APPLICABILITY IN DEVELOPING COUNTRIES

T. Obeid (Sudan)

17:55 IDENTIFICATION AND CHARACTERIZATION OF NOVEL COMPOUNDS IN BROAD BEANS (VICIA FABA) WHICH PROTECT AGAINST EXPERIMENTALLY INDUCED CONVULSIONS IN MICE

M. Salih, A. Mustafa, M. Khalil (Saudi Arabia)

18:05 VALUE OF TRANSCRANIAL DIRECT CURRENT POLARISATION IN PEOPLE WITH FOCAL DRUG RESISTANT EPILEPSY

N. Adel Kishk, H. Nafea, A. Nawito, A.A. Tawfeek, A.A. Abdelkader (Egypt)

16:45 - 18:15

DUBAI C

TC WORKSHOPS: EMG HANDS ON WORKSHOP: EMG

Chairs: N. Birouk (Morocco)
A. Al Madani (United Arab Emirates)

16:45 INTRODUCTIONS

N. Birouk (Morocco)

16:55 ELECTROPHYSIOLOGY OF MYOPATHY

A. Shaibani (USA)

17:35 AXONAL VS. DEMYELINATING ELECTROPHYSIOLOGY

A. Al Madani (United Arab Emirates)

16:45 - 18:15

DUBAI D

**REGIONAL SYMPOSIUM SESSION: NORTH AMERICAN SYMPOSIUM SESSION:
DEMENTIA - FINDING THE CURE**

Chairs: J. Stevens (USA)
J. Morris (USA)

16:45 INTERNATIONAL RESEARCH INITIATIVES IN ALZHEIMER'S DISEASE

J. Morris (USA)

17:15 THE STATUS OF BIOMARKERS IN ALZHEIMER'S DISEASE

J. Stevens (USA)

17:45 MILD COGNITIVE IMPAIRMENT 2019- WHAT WE KNOW

R. Petersen (USA)

18:15 - 18:20

SHORT BREAK

18:20 - 19:00

SHEIKH RASHID E

OPENING CEREMONY

19:00

EXHIBITION AREA

WELCOME RECEPTION IN THE EXHIBITION



ACCELERATING THE PACE OF CHANGE

دبي

MONDAY
OCTOBER 28, 2019

WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019



MONDAY, OCTOBER 28, 2019

07:00 - 08:00

SHEIKH MAKTOUM B

TEACHING COURSE: TC 6: NEURO-OPHTHALMOLOGY

G. Plant (United Kingdom)

08:00 - 08:30

SHEIKH RASHID E

PLENARY LECTURE 3: READING IN THE BRAIN

Chairs: W. Grisold (Austria)

S. Cappa (Italy)

08:00 READING IN THE BRAIN: MAPPING THE MASSIVE IMPACT OF LITERACY ON BRAIN CIRCUITS

S. Dehaene (France)

08:30 - 09:00

SHEIKH RASHID E

PLENARY LECTURE 4: THE GRAY ZONE AND BRAIN DEATH

Chairs: C. Kennard (United Kingdom)

R. Stark (Australia)

08:30 INTO THE GREY ZONE: DETECTING COVERT CONSCIOUS AWARENESS IN BEHAVIOURALLY NON-RESPONSIVE INDIVIDUALS.

A. Owen (Canada)

09:00 - 10:45

SHEIKH RASHID E

**PRESIDENTIAL SYMPOSIUM, WFN MEDALS PRESENTATION & SORIANO AWARD
PLENARY LECTURE**

Chairs: W.M. Carroll (Australia)
J. Stevens (USA)

09:00 WFN MEDALS PRESENTATION

**09:20 SORIANO AWARD LECTURE: LIGHT, CIRCADIAN RHYTHMS AND SLEEP: MECHANISMS TO NEW
THERAPEUTICS**

R. Foster (United Kingdom)

**09:50 THE WHO AND NEUROLOGY: RECENT COLLABORATIVE OUTCOMES
VIDEO MESSAGE FROM DR ADHANOM GHEBREYESUS TEDROS
DIRECTOR-GENERAL, WHO**

ICD-11: HOW WILL IT IMPROVE NEUROLOGY

R. Shakir (United Kingdom)

THE IMPLICATIONS OF THE RECLASSIFICATION OF STROKE AS A NEUROLOGICAL DISEASE

B. Norrving (Sweden)

10:25 A GLOBAL ROLE FOR THE WORLD FEDERATION OF NEUROLOGY

W.M. Carroll (Australia)

10:45 - 11:15

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

11:15 - 12:45

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT4A: DEMENTIA

Chairs: N. Fox (United Kingdom)
J. Hardy (United Kingdom)

11:15 IMAGING IN DEMENTIA

N. Fox (United Kingdom)

11:45 BIOMARKERS IN DEMENTIA

A. Heslegrave (United Kingdom)

12:15 GENETICS OF DEMENTIAS

J. Hardy (United Kingdom)

11:15 - 12:45

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: TOPICS: T6A: NEUROONCOLOGY

Chairs: P. Wen (USA)

M. Van den Bent (The Netherlands)

PRIMARY BRAIN TUMORS

11:15 ADVANCES IN THERAPIES FOR GLIOBLASTOMAS

P. Wen (USA)

11:45 STANDARD AND NOVEL THERAPIES FOR LOWER GRADE GLIOMAS

M. Van den Bent (The Netherlands)

12:15 ADVANCES IN CNS LYMPHOMA

L. Nayak (USA)

11:15 - 12:45

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T6A: SLEEP AND CIRCADIAN NEUROSCIENCE

Chairs: P. Zee (USA)

C. Trenkwalder (Germany)

SLEEP AND THE CIRCADIAN CLOCK

11:15 NEUROBIOLOGY AND GENETICS OF CIRCADIAN RHYTHMS

P. Zee (USA)

11:45 CIRCADIAN RHYTHM IN NEURODEGENERATIVE DISEASES

A. Videnovic (USA)

12:15 BRAIN IMAGING IN REM SLEEP BEHAVIOR DISORDER

D. Arnaldi (Italy)

11:15 - 12:45

SHEIKH MAKTOUM D

TEACHING COURSE: TC 7: MOVEMENT DISORDERS: THE BASICS OF PARKINSON'S DISEASE

Chairs: R. Takahashi (Japan)

R. Mounia (Morocco)

11:15 CLINICAL EXAMINATION OF PD PATIENTS

A. Aldakheel (Saudi Arabia)

11:37 HOW TO START THERAPY IN EARLY PD

R. Takahashi (Japan)

11:59 USE OF IMAGING IN PD

G. Respondek (Germany)

12:21 THERAPIES IN ADVANCED PD

R. Mounia (Morocco)

11:15 - 12:45

SHEIKH MAKTOUM B

TEACHING COURSE: TC 8: EPILEPSY: THE SEMIOLOGY OF EPILEPSY

Chairs: S. Wiebe (Canada)

A. Beydoun (Lebanon)

11:15 SEMIOLOGY OF TEMPORAL LOBE EPILEPSY

H. Hosny (Egypt)

11:45 SEMIOLOGY OF EXTRATEMPORAL LOBE EPILEPSY

N. Haddad (Qatar)

12:15 SEMIOLOGY OF ELECTROCLINICAL SYNDROMES OF CHILDHOOD AND ADOLESCENCE

A. Beydoun (Lebanon)

11:15 - 12:45

SHEIKH RASHID A

TEACHING COURSE: TC 9: MANAGEMENT OF STROKE ON STROKE UNITS

Chairs: S. Kesraoui (Algeria)
B. Van der Worp (The Netherlands)

11:15 DIAGNOSTIC AND THERAPY OF INCREASED INTRACRANIAL PRESSURE IN ISCHEMIC STROKE

E. Schmutzhard (Austria)

11:37 MANAGEMENT OF HYPERTYREXIA, HYPERGLYCAEMIA, AND HYPERTENSION IN ACUTE ISCHEMIC STROKE

B. Van der Worp (The Netherlands)

11:59 MANAGEMENT OF INTRACRANIAL HEMORRHAGES

D. Hanley (USA)

12:21 ICH RELATED TO DIRECT ORAL ANTICOAGULANTS

S. Kesraoui (Algeria)

11:15 - 12:45

DUBAI E+F

TC WORKSHOPS: WORKSHOP: BOTULINUM TOXIN INJECTIONS PART I

Chairs: D. Truong (USA)
R. Kaji (Japan)

11:15 CERVICAL DYSTONIA

D. Truong (USA)

12:00 USE OF ULTRASOUND WITH BOTULINUM TOXIN WITH CORRELATION ON CADAVER

S. Meng (Austria)

11:15 - 12:45

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T7A: NEUROOPHTHALMOLOGY

Chairs: G. Plant (United Kingdom)
V. Lal (India)

11:15 OPTIC NEURITIS: DIFFERENTIAL DIAGNOSIS AND MANAGEMENT

G. Plant (United Kingdom)

11:45 INFECTIVE OPTIC NEUROPATHIES- DENGUE AND BEYOND

D. Milea (Singapore)

12:15 MANAGEMENT OF IIH

P. Subramanian (USA)

11:15 - 12:45

ABU DHABI A

SCIENTIFIC SESSION: TOPICS: T8: ETHICAL ASPECTS OF NEUROLOGICAL PRACTICE

Chairs: J. Illes (Canada)

J. Chandler (Canada)

CONTEMPORARY NEUROETHICS FOR NEUROLOGY PRACTICE AND RESEARCH

11:15 THE IMPERATIVE AND MULTIDIMENSIONALITY OF NEUROETHICS FOR NEUROLOGY AND THE NEUROLOGICAL SCIENCES

J. Illes (Canada)

11:45 EMERGING LEGAL AND REGULATORY ISSUES IN NEUROLOGY AND NEUROSURGERY

J. Chandler (Canada)

12:15 EMERGING ETHICAL ISSUES FOR PRACTICING NEUROLOGISTS

H. Chneiweiss (France)

11:15 - 12:45

SHEIKH MAKTOUM C

FREE PAPERS 06 - MOVEMENT DISORDERS 1

Chairs: R. Takahashi (Japan)

M. Stamelou (Greece)

11:15 OLFACTORY NEURAL CONNECTIONS ASSOCIATED WITH COGNITION IN PARKINSON'S DISEASE PROGRESSIONH. Chatterjee, G. Elumalai, P. Maiti, N. Osakwe, N. Sewram (Guyana)**11:25 A SAFETY, TOLERABILITY AND BIOMARKER UPDATE FROM AN ONGOING OPEN-LABEL EXTENSION STUDY OF RG6042 IN ADULTS WITH EARLY MANIFEST HUNTINGTON'S DISEASE**B. Leavitt, S. Tabrizi, P. Sanwald Ducray, E. Wild, V. Schlegel, G. Hooper, A. Nicotra, J. Chevure, A. Smith, R. Lane, F. Bennett, L. Boak, R. Doody, S. Schobel (Canada)**11:35 AGIL-AADC GENE THERAPY RESULTS IN SUSTAINED IMPROVEMENTS IN MOTOR AND DEVELOPMENTAL MILESTONES THROUGH 5 YEARS IN CHILDREN WITH AADC DEFICIENCY**Y.H. Chien, N.C. Lee, S.H. Tseng, C.H. Tai, A.M. Conway, M. Pykett, W.L. Hwu (USA)**11:45 SCREENING OF COGNITIVE IMPAIRMENT IN EARLY PARKINSON'S DISEASE USING MONTREAL COGNITIVE ASSESSMENT (MOCA)**N. Kumar, G. Gupta (India)**11:55 THE THERAPEUTIC EFFECT OF BILOBALIDE ON PARKINSON'S DISEASE POSSIBLY THROUGH ANTI-INFLAMMATORY AND NEUROPROTECTIVE MECHANISMS**R.X. Sui, J. Wang, Q. Miao, Q. Wang, L.J. Song, Z. Chai, J.Z. Yu, J.W. Yu, J.J. Huang, L. Feng, B.G. Xiao, C.G. Ma (China)**12:05 COMPREHENSIVE FUNCTIONAL EVALUATION OF THE SPECTRUM OF MULTI-SYSTEM ATROPHY WITH 18F-FDG PET/CT AND 99MTC TRODAT-1 SPECT: 5 YEARS EXPERIENCE FROM A TERTIARY CARE CENTRE**R. Verma, R. Ranjan, C. Agrawal, A. Batra (India)**12:15 EFFECT OF WUZI YANZONG PILL ON OXIDATIVE STRESS RESPONSE IN PARKINSON'S DISEASE MICE**Z. Chai, H.J. Fan, Y.R. Li, M.Y. Sun, W.S. Xiao, C.J. Yang, J.J. Huang, J.Z. Yu, Y.H. Li, B. Zhang, X.M. Jin, B.G. Xiao, C.G. Ma (China)**12:25 UTILIZATION OF COMT INHIBITORS, DOPAMINE AGONISTS, AND MAO-B INHIBITORS WITH LEVODOPA-CARBIDOPA INTESTINAL GEL IN ADVANCED PARKINSON'S DISEASE PATIENTS: SUMMARY OF PHASE 3 AND REAL-WORLD STUDIES**K.R. Chaudhuri, J. Boyd, J. Acosta, L. Bergmann, P. Kukreja, A. Antonini (USA)**12:35 INTERLEAVING STIMULATION MODE CAN IMPROVE BETTER THE HEALTH-RELATED QUALITY OF LIFE IN PRIMARY GENERALIZED OR SEGMENTAL DYSTONIA THAN STANDARD BILATERAL PALLIDAL DEEP BRAIN STIMULATION**N. Kovacs, MD- Ph.D- D.Sc., B. István, P. Dávid, J. Annamária, H. Márk, V. Viktor, J. József (Hungary)

11:15 - 12:45

DUBAI C

TEACHING COURSE: TC10: WFN-AAN NEUROLOGY FORUM PART I

Chairs: M. Wasay (Pakistan)

S. Lewis (USA)

11:15 INTRODUCTION AND APPROACH TO ADVOCACY

M. Wasay (Pakistan)

11:40 ADVOCACY IN AN INSTITUTION

J. Cardenas (USA)

12:05 ADVOCACY IN INTERNATIONAL ORGANIZATIONS

W. Grisold (Austria)

12:30 PANEL DISCUSSION

11:15 - 12:45

DUBAI D

FREE PAPERS 07 - MS & DEMYELINATING DISEASES 1

Chairs: N. Grigoriadis (Greece)

R. Alroughani (Kuwait)

11:15 IMAGING FEATURES OF 60 PATHOLOGICALLY CONFIRMED PATIENTS WITH TUMEFACTIVE DEMYELINATING LESIONSJ. Liu, X. Qi (China)**11:25 SUSTAINED REDUCTION IN CONFIRMED DISABILITY PROGRESSION AFTER 6.5 STUDY-YEARS OF OCRELIZUMAB TREATMENT IN PATIENTS WITH PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS**J.S. Wolinsky, B. Brochet, H.P. Hartung, R.T. Naismith, L. Airas, K. Coutant, H. Koendgen, M. Manfrini, L. Mehta, K. Prajapati, L. Kappos (USA)**11:35 EVOKED POTENTIALS ARE IMPORTANT PREDICTORS OF FUTURE DISABILITY IN PEOPLE WITH CLINICALLY ISOLATED SYNDROME**M. Habek, L. Crnosija, T. Gabelic, B. Barun, I. Adamec, M. Krbot Skoric (Croatia)**11:45 CLINICAL SPECTRUM OF MYELIN OLIGODENDROCYTE GLYCOPROTEIN (MOG) ANTIBODY ASSOCIATED CNS DEMYELINATION**V. Aglave, P. Ojha, K. Jagiasi, G. Soni, R. Singh, P. Barvalia, R. Ansari (India)**11:55 THE ASSOCIATIONS BETWEEN REGIONAL CORTICAL ATROPHIES AND INFORMATION PROCESSING SPEED IN PATIENTS WITH RELAPSING-REMITTING MULTIPLE SCLEROSIS**J. Komendzi ski, A. Wyszomirski, M. Chyli ska, A. Sabisz, H. Wójcik-Dr czkowska, M. Hałas, B. Karaszewski (Poland)**12:05 PREVALENCE AND PATTERN OF MULTIPLE SCLEROSIS IN BENGHAZI LIBYA**H.A. El-Zawawi, S. Zoubi (Libya)**12:15 COMPARISON OF SERUM OXIDATIVE STRESS, ANTIOXIDANT PARAMETERS AND VITAMIN D LEVELS OF SRI LANKAN PATIENTS WITH MULTIPLE SCLEROSIS AND NEUROMYELITIS OPTICA : A PILOT STUDY**D. Wijesundara, G. Nayanajeehi, C. Jayasinghe, B. Senanayake (Sri Lanka)**12:25 MOLECULAR CHARACTERISTICS OF THE GUT MICROBIOME IN A SAMPLE OF EGYPTIAN REMITTING RELAPSING MULTIPLE SCLEROSIS (MS) PATIENTS**J. Mekky, S. Ahmed, S. Said, R. Wani (Egypt)**12:35 NATURAL COURSE OF BENIGN MULTIPLE SCLEROSIS:RESULTS FROM 5-YEARS PROSPECTIVE STUDY**O. Shulga, O. Zheshko, T. Mamchych (Ukraine)

12:45 - 14:45

EXHIBITION AREA

LUNCH BREAK, POSTER VIEWING AND EXHIBITION VISIT

13:00 - 14:30

SHEIKH RASHID A

SPONSORED SYMPOSIUM - NON CME/CPD CREDIT

FOR FULL PROGRAM, PLEASE SEE PAGE 153

14:30 - 14:45

SHORT BREAK

14:45 - 16:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT4B: DEMENTIA

Chairs: T. Iwatsubo (Japan)
N. Fox (United Kingdom)

14:45 MOLECULAR PATHOLOGY TO DISEASE MODIFICATION OF ALZHEIMER'S DISEASE

T. Iwatsubo (Japan)

15:15 THE MOLECULAR ORIGINS OF ALZHEIMER'S DISEASE: WHEN DOES IT START AND WHAT STRATEGIES FOR PRIMARY PREVENTION?

C. Masters (Australia)

15:45 PREVENTION OF DEMENTIA: CLINICAL TRIALS - CHALLENGES AND OPPORTUNITIES

N. Fox (United Kingdom)

14:45 - 16:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: TOPICS: T6B: NEUROONCOLOGY

Chairs: P. Wen (USA)

M. Van den Bent (The Netherlands)

NEUROLOGIC COMPLICATIONS OF CANCER

14:45 PARANEOPLASTIC NEUROLOGIC SYNDROMES

J. Degroot (USA)

15:15 NEUROLOGIC COMPLICATIONS OF CANCER IMMUNOTHERAPIES

M. Weller (Switzerland)

15:45 STANDARD AND NOVEL THERAPIES FOR BRAIN AND LEPTOMENINGEAL METASTASES

E. Le Rhun (France)

14:45 - 16:15

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T6B: SLEEP AND CIRCADIAN NEUROSCIENCE

Chairs: C. Schenck (USA)

B. Jeon (Republic of Korea)

REM SLEEP AND PARASOMNIAS: THE DOOR TO NEUROLOGICAL DISEASES

14:45 REM SLEEP BEHAVIOR DISORDER (RBD): CURRENT ANIMAL MODELS, PATHOPHYSIOLOGY AND THE STRONG LINK WITH THE ALPHA-SYNUCLEINOPATHIES

C. Schenck (USA)

15:15 PRODROMAL PARKINSON'S AND RBD: CLINICAL SIGNS AND POLYSOMNOGRAPHICAL CHANGES

C. Trenkwalder (Germany)

15:45 IMAGING OF RBD: NEW MRI AND SPECT DATA

B. Jeon (Republic of Korea)

14:45 - 16:15

SHEIKH MAKTOUM D

TEACHING COURSE: TC 7: MOVEMENT DISORDERS: APPROACHES TO HYPERKINETIC DISORDERS

Chairs: M. Obaid (Saudi Arabia)

H. Jinnah (USA)

14:45 APPROACH TO DYSTONIA

H. Jinnah (USA)

15:07 APPROACH TO TREMOR/MYOCLONUS

M. Stamelou (Greece)

15:29 APPROACH TO CHOREA

M. Obaid (Saudi Arabia)

15:51 APPROACH TO TICS

M. Abu Al-Melh (Kuwait)

14:45 - 16:15

SHEIKH MAKTOUM B

TEACHING COURSE: TC 8: EPILEPSY: STATUS EPILEPTICUS

Chairs: S. Wiebe (Canada)

A. Beydoun (Lebanon)

14:45 STATUS EPILEPTICUS: DIAGNOSIS AND PREHOSPITAL TREATMENT

S. Wiebe (Canada)

15:15 TREATMENT OF ESTABLISHED, REFRACTORY AND SUPER-REFRACTORY STATUS EPILEPTICUS

E. Trinka (Austria)

15:45 STATUS EPILEPTICUS: TREATING THE SEIZURES VS THE ETIOLOGY

B.I. Lee (Republic of Korea)

14:45 - 16:15

SHEIKH RASHID A

TEACHING COURSE: TC 9: MANAGEMENT OF STROKE ON STROKE UNITS CONTINUED

Chairs: M. Brainin (Austria)
F. Belahsen (Morocco)

14:45 OVERVIEW OF STROKE UNIT CARE

M. Brainin (Austria)

15:07 INTRAVENOUS THROMBOLYSIS

F. Belahsen (Morocco)

15:29 THROMBECTOMY

B. Campbell (Australia)

15:51 DIFFICULT DECISIONS IN ACUTE STROKE

S. Kesraoui (Algeria)

14:45 - 16:15

DUBAI E+F

TC WORKSHOPS: WORKSHOP: BOTULINUM TOXIN INJECTIONS PART II

Chairs: D. Truong (USA)
R. Kaji (Japan)

14:45 SPASTICITY

R. Kaji (Japan)

15:30 MIGRAINE AND OTHER USES

J. Al-Hashel (Kuwait)

14:45 - 16:15

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T7B: NEUROOPHTHALMOLOGY

Chairs: G. Plant (United Kingdom)
V. Lal (India)

14:45 OF PLACES AND FACES- CORTICAL VISUAL DISORDERS

J. Barton (Canada)

15:15 PAINFUL OPHTHALMOPLÉGIA- DIAGNOSTIC PEARLS

V. Lal (India)

15:45 OCULAR MOTILITY DISORDERS WITH SPECIAL EMPHASIS ON MULTIPLE SCLEROSIS

C. Tilikete (France)

14:45 - 16:15

ABU DHABI A

SCIENTIFIC SESSION: TOPICS: T9: NEUROLOGICAL EDUCATION – CHALLENGES AND INNOVATIONS ACROSS THE GLOBE

Chairs: S. Lewis (USA)

S. Katrak (India)

14:45 THE PERSPECTIVES OF THE WFN: THE MISSION TO TEACH OR EMPOWERING TEACHING

W. Grisold (Austria)

15:15 CHALLENGES FACED IN NEUROLOGICAL EDUCATION IN INDIA AND INNOVATIONS FOR THE FUTURE

S. Katrak (India)

15:45 GLOBAL NEUROLOGICAL CURRICULA, MILESTONES, AND THE CHALLENGE OF ASSESSMENT OF NEUROLOGIC COMPETENCE

S. Lewis (USA)

14:45 - 16:15

ABU DHABI B

FREE PAPERS 08 - NEUROMUSCULAR DISORDERS

Chairs: E. Cupler (Saudi Arabia)

M. Reilly (United Kingdom)

14:45 ANTIBODIES TO ZIKA VIRUS, CAMPYLOBACTER JEJUNI, GANGLIOSIDES IN GUILLAIN BARRE SYNDROME. A PROSPECTIVE SINGLE CENTRE STUDY FROM SOUTHERN INDIA.

D. Baskar, D. Amalnath, J. Mandal (India)

14:55 GNE MYOPATHY : DISEASE PROGRESSION IN A LARGE COHORT OF GENETICALLY CONFIRMED CASES FROM A SINGLE CENTRE IN INDIA

S. Vengalil, N. Reddy, V. Preethish-Kumar, K. Polavarapu, N. Prakash Mahajan, S. Nashi, G. Arunachal, S. Gunasekaran, O. Pogoryelova, R. Horvath, H. Lochmuller, A. Nalini (India)

15:05 VIDEO HEAD IMPULSE TEST FINDINGS IN PATIENTS WITH CHARCOT-MARIE-TOOTH DISEASE 1A

Z. Calic, V. Rakocevic-Stojanovic, S. Peric, M. Vujnic, B. Bjelica, I. Bozovic, M. Welgampola (Australia)

15:15 MYOPATHIES PRESENTING WITH HEAD DROP: CLINICAL SPECTRUM AND TREATMENT OUTCOMES

E. Naddaf, R. Alhammad (USA)

15:25 MUSCLE PATHOLOGY OF ANTI-MI-2 DERMATOMYOSITIS IS CHARACTERIZED BY PERIFASCICULAR NECROSIS AND PERIMYSIAL CHANGE

J. Tanboon, M. Inoue, I. Nishino (Japan)

15:35 CORRELATION BETWEEN MOTOR UNIT NUMBER INDEX (MUNIX) AND MUSCLE ULTRASOUND MEASUREMENTS AND CLINICAL OUTCOME IN ALS PATIENTS: AS NOVEL BIOMARKERS

S. Rajabkhah Ziaratgah, S. Naffissi, D. Fathi, F. Fatehi (Iran)

15:45 STUDY OF CLINICAL PROFILE, GENETICS AND THERAPEUTICS OF CONGENITAL MYASTHENIC SYNDROME IN AN INDIAN POPULATION

G. Panandikar, S. Ravat (India)

15:55 IMMUNOHISTOCHEMISTRY VERSUS GENETIC STUDIES IN MUSCULAR DYSTROPHIES – A COST-EFFECTIVENESS ANALYSIS

K. Malhotra, P. Srivastava, H. Malhotra, D. Kulshreshtha, N. Husain (India)

16:05 DELINEATING THE PHENOTYPES OF EARLY ONSET MYOPATHY DUE TO NOVEL TITIN GENE MUTATIONS

M. Salih, M. Hamad, M. Savarese, I. Alorainy, H. Alkhalidi, A. Alotaibi, M. Alsagob, D. Colak, B. Udd, N. Kaya, A. Al Jarallah (Saudi Arabia)

14:45 - 16:15

DUBAI C

TEACHING COURSE: TC10: WFN-AAN NEUROLOGY FORUM PART II

Chairs: W. Grisold (Austria)
T. Wijeratne (Australia)

14:45 ADVOCACY FOR PATIENTS

J. Miyasaki (Canada)

15:10 ADVOCACY PROJECT AND PRESENTATION

W. Struhal (Austria)

15:35 THE QUALITIES OF HUMAN RELATIONS: RESILIENCE

T. Wijeratne (Australia)

16:00 PANEL DISCUSSION

14:45 - 16:15

DUBAI D

REGIONAL SYMPOSIUM SESSION: PAN-ARAB REGIONAL SYMPOSIUM

Chairs: M. Abdel-Naseer (Egypt)
M. Chokri (Tunisia)

14:45 EPIDEMIOLOGY OF DEMENTIA IN DEVELOPING COUNTRIES

M. Abdel-Naseer (Egypt)

15:07 EARLY ONSET DEMENTIA

S. Belarbi (Algeria)

15:29 THE VALUE OF FUNCTIONAL IMAGING AND CSF BIOMARKERS FOR THE DIAGNOSIS OF DEGENERATIVE DEMENTIA

M. Damak (Tunisia)

15:51 PHARMACOLOGICAL AND NON PHARMACOLOGICAL TREATMENT OF ALZHEIMER'S DISEASE

A. Awada (Lebanon)

16:13 DISCUSSION

16:15 - 16:45

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

16:45 - 18:15

DUBAI C

TEACHING COURSE: TC10: WFN-AAN NEUROLOGY FORUM PART III

Chairs: J. Miyasaki (Canada)

W. Struhal (Austria)

16:45 ADVOCACY CONTENT AND PRESENTATION

J. Cardenas (USA)

17:10 ADVOCACY PROJECTS AND ACTION PLANNING ROUNDTABLE

W. Struhal (Austria)

T. Wijeratne (Australia)

J. Cardenas (USA)

W. Grisold (Austria)

M. Wasay (Pakistan)

J. Miyasaki (Canada)

S. Lewis (USA)

17:40 PRESENTATION OF EACH CANDIDATE'S PROJECT

18:10 CLOSING REMARKS

W. Grisold (Austria)

16:45 - 18:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT4C: DEMENTIA

Chairs: F. Mangialasche (Sweden)

C. Chen (Singapore)

16:45 VASCULAR CONTRIBUTIONS TO DEMENTIA

N. Qadi (Saudi Arabia)

17:15 WORLD-WIDE FINGERS NETWORK: A GLOBAL APPROACH TO RISK REDUCTION AND PREVENTION OF DEMENTIA

F. Mangialasche (Sweden)

17:45 RETINAL IMAGING FOR DEMENTIA

C. Chen (Singapore)

16:45 - 18:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: TOPICS: T24: MOTOR NEURON DISEASE

Chairs: M. Kiernan (Australia)

M. de Visser (The Netherlands)

16:45 DIAGNOSTIC CRITERIA AND DISEASE BIOMARKERS FOR ALS

R. Kaji (Japan)

17:15 DOES COGNITIVE AND BEHAVIOURAL IMPAIRMENT IN AMYOTROPHIC LATERAL SCLEROSIS RESEMBLE THAT OF FRONTOTEMPORAL DEMENTIA?

M. De Visser (The Netherlands)

17:45 ALS TREATMENT STRATEGIES

M. Kiernan (Australia)

16:45 - 18:15

DUBAI D

REGIONAL SYMPOSIUM SESSION: ASIAN-OCEANIAN REGIONAL SYMPOSIUM: HISTORY, PRACTICE AND SCIENCE OF TRADITIONAL MEDICINE IN ASIA

Chairs: B. Jeon (Republic of Korea)

16:45 MIDDLE EAST

S. Boholega (Saudi Arabia)

17:07 INDIA

B. Menon (India)

17:29 FAR EAST

B. Jeon (Republic of Korea)

17:51 IRAN

S. Nafissi (Iran)



ACCELERATING THE PACE OF CHANGE

دبي

TUESDAY
OCTOBER 29, 2019

WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019



TUESDAY, OCTOBER 29, 2019

08:00 - 08:30

SHEIKH RASHID E

PLENARY LECTURE 5: YAHR AWARD LECTURE: TREATING HUNTINGTON'S DISEASE

Chairs: S. Lewis (USA)

D. Truong (USA)

08:00 TREATING HUNTINGTON'S DISEASE

S. Tabrizi (United Kingdom)

08:30 - 09:00

SHEIKH RASHID E

PLENARY LECTURE 6: IMAGING PAIN

Chairs: J. Leger (France)

M. Hallett (USA)

08:30 IMAGING PAIN

I. Tracey (United Kingdom)

09:00 - 10:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT5A: MS AND DEMYELINATING DISORDERS

Chairs: A. Thompson (United Kingdom)

W.M. Carroll (Australia)

DIAGNOSIS AND TREATMENT

09:00 EVOLVING DIAGNOSTIC CRITERIA

A. Thompson (United Kingdom)

09:30 TREATMENT GUIDELINES – IS AN INTERNATIONAL CONSENSUS POSSIBLE

K. Fujihara (Japan)

10:00 PROGRESS IN PROGRESSIVE MS

W.M. Carroll (Australia)

09:00 - 10:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT6A: TROPICAL AND GEOGRAPHIC NEUROLOGY

Chairs: P. Preux (France)
M. Medina (Honduras)

ARBOVIRUSES

09:00 GUILLEIN-BARRE SYNDROME AND THE ZIKA EPIDEMIC IN LATIN AMERICA: LESSONS LEARN AND THE CURRENT SITUATION

C.A. Pardo-Villamizar (USA)

09:30 NEUROLOGIC CONSEQUENCES OF ARBOVIRUS INFECTIONS: NEW CHALLENGES

M. Medina (Honduras)

10:00 DISCUSSION

09:00 - 10:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T10A: BEHAVIOURAL NEUROLOGY

Chairs: S. Cappa (Italy)
M. Husain (United Kingdom)

NEW VISTAS ON LANGUAGE AND THE BRAIN

09:00 STROKE

M. Lambon Ralph (United Kingdom)

09:30 NEURODEGENERATION

S. Cappa (Italy)

10:00 SURGICAL MAPPING

H. Duffau (France)

09:00 - 10:30

SHEIKH MAKTOUM D

TEACHING COURSE: TC 11: NEURO-OPHTHALMOLOGY PART I

Chairs: G. Plant (United Kingdom)
V. Lal (India)

09:00 ACUTE VISUAL LOSS

G. Plant (United Kingdom)

09:30 AN APPROACH TO PAPILLEDEMA

P. Subramanian (USA)

10:00 AN APPROACH TO DIFFERENT OCULAR MOTILITY DISORDERS

C. Tilikete (France)

09:00 - 10:30

SHEIKH MAKTOUM B

TEACHING COURSE: TC 12: NEUROMUSCULAR DISEASES: DIAGNOSIS AND TREATMENT OF HEREDITARY NEUROPATHIES AND MOTOR NEURON DISEASE

Chairs: M. Reilly (United Kingdom)
M. Kiernan (Australia)

09:00 GENETIC AND CLINICAL APPROACH TO INHERITED NEUROPATHIES

M. Reilly (United Kingdom)

09:30 EARLY RECOGNITION OF AMYLOID NEUROPATHY

V. Planté-Bordeneuve (France)

10:00 UPDATE ON THERAPEUTIC OPTIONS IN ALS

M. Kiernan (Australia)

09:00 - 10:30

SHEIKH RASHID A

TEACHING COURSE: TC 13: HEADACHE PART I

Chairs: D.M. Kayed (United Arab Emirates)
R. Stark (Australia)

09:00 ICHD 3 - WHAT'S NEW?

D.M. Kayed (United Arab Emirates)

09:30 MIGRAINE: ACUTE AND EMERGENCY DEPARTMENT TREATMENTS

A. Ducros (France)

10:00 MIGRAINE: PREVENTATIVE THERAPY

R. Stark (Australia)

09:00 - 10:30

SHEIKH RASHID B

TEACHING COURSE: TC 14: PALLIATIVE CARE IN NEUROLOGY PART I

Chairs: I. Baker (United Kingdom)
S. Payne (United Kingdom)

09:00 ETHICAL ASPECTS OF CARE IN NEUROLOGY – HOW DO WE DISCUSS AND MANGE DIFFICULT SITUATIONS

I. Baker (United Kingdom)

09:30 CULTURAL ASPECTS OF CARE – COPING WITH DIVERSITY

O. Shamieh (Jordan)

10:00 ADVANCE CARE PLANNING – HOW DO WE FACILITATE PATIENT DECISION MAKING

S. Payne (United Kingdom)

09:00 - 10:30

ABU DHABI A

TEACHING COURSE: TC 15: NEUROCRITICAL CARE PART I

Chairs: A. Rabinstein (USA)

09:00 OPTIMAL MEDICAL MANAGEMENT AFTER ENDOVASCULAR STROKE THERAPY

A. Rabinstein (USA)

09:30 TREATMENT OF INTRACEREBRAL HEMORRHAGE: THE PRESENT AND FUTURE

D. Hanley (USA)

10:00 PRACTICAL PEARLS IN THE MANAGEMENT OF SUBARACHNOID HEMORRHAGE

E. Schmutzhard (Austria)

09:00 - 10:30

ABU DHABI B

FREE PAPERS 09 - LATE BREAKING

Chairs: S. Lewis (USA)

C. Kennard (United Kingdom)

09:00 BURDEN OF DISEASE DUE TO EPILEPSY IN LATIN AMERICA: A SYSTEMATIC ANALYSIS OF THE GLOBAL BURDEN DISEASE STUDY 2017K. Pacheco-Barrios, A. Cardenas-Rojas, C. Alva-Diaz (Peru)**09:10 NEUROSCIENCE IN ICD11**R. Shakir (United Kingdom)**09:20 EVALUATION OF MOTOR SYMPTOMS IN PATIENTS WITH PARKINSON'S DISEASE THROUGH MET AND PAL MEASURED WITH 3-AXIS ACCELEROMETER: PILOT PROSPECTIVE OBSERVATIONAL STUDY IN A SINGLE CENTER**H. Ito, D. Yokoi, K. Rei, H. Okada, Y. Kajita, S. Okuda (Japan)**09:30 THE ROLE OF GENETIC FACTORS IN LEVODOPA-INDUCED DYSKINESIAS DEVELOPMENT IN RUSSIAN PATIENTS WITH PARKINSON'S DISEASE: A PILOT STUDY**G. Akhmadeeva, I. Khidiyatova, I. Gilyazova, A. Baitimerov, R. Magzhanov (Russia)**09:40 EFFICACY AND SAFETY OF THE BRUTON'S TYROSINE KINASE INHIBITOR EVOBRUTINIB IN PATIENTS WITH RELAPSING MULTIPLE SCLEROSIS OVER 48 WEEKS: A RANDOMIZED, PLACEBO-CONTROLLED, PHASE 2 STUDY**X. Montalban, D.L. Arnold, M.S. Weber, I. Staikov, K. Piasecka-Stryczynska, E.C. Martin, S. Syed, F. Dangond, J.S. Wolinsky (Canada)**09:50 LONG-TERM DISEASE STABILITY ASSESSED BY THE EXPANDED DISABILITY STATUS SCALE IN PATIENTS TREATED WITH CLADRIBINE TABLETS IN THE CLARITY EXTENSION STUDIES**G. Giovannoni, G. Comi, K. Rammohan, P. Rieckmann, P. Vermersch, F. Dangond, B. Keller, D. Jack (United Kingdom)**10:00 SEASONAL POSTPARTUM HYPERNATREMIC ENCEPHALOPATHY WITH OSMOTIC DEMYELINATION AND RHABDOMYOLYSIS : A RARE TROPICAL DISEASE**K.R. Naik, S. Aralikatte Onkarappa (India)**10:10 IMAGE-GUIDED FRAMELESS STEREOTAXY IN SUBTHALAMIC DEEP BRAIN STIMULATION: THREE-YEAR CLINICAL OUTCOME**T. Tufo, F. Bove, D. Mulas, A. Bentivoglio, B. Cioni, C. Piano (Italy)**10:20 BURDEN OF DISEASE DUE TO STROKE IN LATIN AMERICA: A SYSTEMATIC ANALYSIS OF THE GLOBAL BURDEN DISEASE STUDY 2017**K. Pacheco-Barrios, S. Giannoni-Luza., C. Alva-Diaz (Peru)

09:00 - 10:30

DUBAI C

FREE PAPERS 10 - STROKE 2

Chairs: C. Chen (Singapore)

Y. Ugawa (Japan)

09:00 A RANDOMIZED CONTROLLED TRIAL OF NEUROPROTECTIVE EFFECTS OF N-ACETYL-CYSTEINE IN PATIENTS WITH ACUTE ISCHEMIC STROKER. Ashayeriahmadabad, Z. Mirzaasgari, A. Eshraghi, A. Kiani, B. Zamani, M. Mehrpour, M. Bahador, A. Rafati, H. Ashayeriahmadabad (Iran)**09:10 DISCREPANCY IN CORE INFARCT BETWEEN CT ASPECTS AND CT PERFUSION WHEN SELECTING FOR MECHANICAL THROMBECTOMY**S. John, S.I. Hussain, B. Piechowski, M.A. Dogar (United Arab Emirates)**09:20 EFFECTS OF SMOKING STATUS ON THE AGE AT ONSET OF FIRST-EVER STROKE: DATA FROM KOREAN STROKE REGISTRY**H.Y. Jeong, H. Mo, C.H. Lee, M.K. Kang, E.J. Lee, H.B. Jeong, T.J. Kim, Y. Kim, J.M. Park, M.S. Oh, J.S. Lee, B.J. Kim, J.T. Kim, J. Kim, W.K. Seo, J. Lee, J.K. Cha, K.H. Jung, S.B. Ko, H.J. Bae, B.W. Yoon (Republic of Korea)**09:30 SERUM HOMOCYSTEINE LEVEL IS RELATED TO LARGE ARTERY DISEASE IN ACUTE ISCHEMIC STROKE.**Y. Kim, S.H. Lee, C. Kim, M.U. Jang, M.S. Oh, K.H. Yoo, J.S. Lim, J.H. Lee, B.C. Lee, J. Seok Bae (Republic of Korea)**09:40 NEUTROPHIL TO LYMPHOCYTE RATIO PREDICTS POOR OUTCOMES AFTER ACUTE ISCHEMIC STROKE: A COHORT STUDY AND UPDATED SYSTEMATIC REVIEW**L. Wang, Q. Song, C. Wang, S. Wu, M. Liu (China)**09:50 FASTEST DETECTION OF ISCHEMIC PENUMBRA USING COMPREHENSIVE 10 MINUTES MRI PROTOCOL INCLUDING ASAP-ASL, AND ITS UTILITY IN TREATING ACUTE STROKE.**P. Oak, Y. Sawant, M. Verma, D. Patkar (India)**10:00 YIELD OF IMPLANTABLE LOOP RECORDER IN DETECTION OF ATRIAL FIBRILLATION AFTER EMBOLIC STROKE OF UNDETERMINED SOURCE: A SINGLE CENTER EXPERIENCE**S. Lourenco, V. Neves, B. Sara, E. Tania, C. Corzo, P. Dionisio, C. Barata, L. Rebocho, J. Aguiar (Portugal)**10:10 ASPIRATION VERSUS STENTRETRIEVAL TECHNIQUE AS FIRST PASSAGE FOR MECHANICAL THROMBECTOMY IN ACUTE ISCHEMIC STROKE**M. Javdani Yekta, M. Pishjoo, M. Farzan, M. Mashhadinejad, P. Sasan Nejad, M. Shabestari, H. Etemad Rezaee, N. Taheri, P. Rad, H. Baharvahdat (Iran)**10:20 EFFECTIVENESS OF HOME-BASED COMPREHENSIVE NEUROPSYCHOLOGICAL REHABILITATION FOR POST STROKE APHASIA IN LIMITED RESOURCE SETTINGS: AN FMRI BASED RANDOMIZED CONTROLLED TRIAL**H. Kaur, S. Kumaran, R. Bhatia, S. Chopra, A. Nehra (India)

10:30 - 11:00

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

11:00 - 12:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT5B: MS AND DEMYELINATING DISORDERS

Chairs: M. Tintore (Spain)

R. Alroughani (Kuwait)

11:00 THE ROLE OF PREGNANCY IN LONG TERM PROGNOSIS

M. Tintore (Spain)

11:30 PREGNANCY IN THE NEW TREATMENT ERA

K. Hellwig (Germany)

12:00 PAEDIATRIC MULTIPLE SCLEROSIS

R. Alroughani (Kuwait)

11:00 - 12:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT6B: TROPICAL AND GEOGRAPHIC NEUROLOGY

Chairs: M. Medina (Honduras)

P. Preux (France)

TROPICAL NEGLECTED DISEASES

11:00 CHALLENGES IN MANAGEMENT OF CNS TUBERCULOSIS

C. Meshram (India)

11:30 PARAINFECTIOUS NEUROPATHIES

J. England (USA)

12:00 NEUROCYSTICERCOSIS AND EPILEPSY: DIAGNOSIS, TREATMENT AND PREVENTION

M. Medina (Honduras)

11:00 - 12:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T10B: BEHAVIOURAL NEUROLOGY

Chairs: S. Cappa (Italy)
M. Husain (United Kingdom)

FRONTAL LOBE: COGNITION AND BEHAVIOUR

11:00 OVERVIEW OF EXECUTIVE FUNCTION AND THE DYSEXECUTIVE SYNDROME

M. Husain (United Kingdom)

11:30 ALTERED BEHAVIOUR AND SOCIAL COGNITION IN BRAIN DISORDERS

O. Piguet (Australia)

12:00 COGNITION AND BEHAVIOUR IN FRONTOTEMPORAL DEMENTIA

B. Dickerson (USA)

11:00 - 12:30

SHEIKH MAKTOUM D

TEACHING COURSE: TC 11: NEURO-OPHTHALMOLOGY PART II

Chairs: G. Plant (United Kingdom)
V. Lal (India)

11:00 INFECTIONS AND NEUROOPHTHALMOLOGY

D. Milea (Singapore)

11:30 AN APPROACH TO MEDICAL OPHTHALMOPLEGIA

V. Lal (India)

12:00 BASICS OF CORTICAL VISUAL DISORDERS

J. Barton (Canada)

11:00 - 12:30

SHEIKH MAKTOUM B

TEACHING COURSE: TC 12: NEUROMUSCULAR DISEASES: HOW TO DIAGNOSE A HEREDITARY MUSCLE DISORDER? PATTERN RECOGNITION AND GENETICS

Chairs: M. de Visser (The Netherlands)

E. Cupler (Saudi Arabia)

11:00 CLINICAL PHENOTYPES OF PATIENTS WITH HYPERCKEMIA

M. de Visser (The Netherlands)

11:30 DIAGNOSTIC APPROACH TO MUSCLE CHANNELOPATHIES

E. Cupler (Saudi Arabia)

12:00 APPROACH TO GENETIC MUSCLE DISORDERS

R. Mohammed Abdoh (Morocco)

11:00 - 12:30

SHEIKH RASHID A

TEACHING COURSE: TC 13: HEADACHE PART II

Chairs: D.M. Kayed (United Arab Emirates)

R. Stark (Australia)

11:00 NERVE BLOCKS & INTERVENTIONAL TECHNIQUES

J. Al-Hashel (Kuwait)

11:30 MIGRAINE IN WOMEN: MENSTRUAL MIGRAINE + IMAGING & MEDICATIONS DURING PREGNANCY

P. Pozo-Rosich (Spain)

12:00 CLUSTER HEADACHE & OTHER TACS

S. Wang (Taiwan R.O.C.)

11:00 - 12:30

SHEIKH RASHID B

TEACHING COURSE: TC 14: PALLIATIVE CARE IN NEUROLOGY PART II

Chairs: J. Miyasaki (Canada)
P. Eastman (Australia)

11:00 COLLABORATION BETWEEN NEUROLOGY AND PALLIATIVE CARE – HOW, WHEN, WHERE?

D. Oliver (United Kingdom)

11:30 HOW DO WE PROVIDE PALLIATIVE CARE FOR PEOPLE WITH MOVEMENT DISORDERS?

J. Miyasaki (Canada)

12:00 THE ROLE OF PALLIATIVE CARE IN THE CARE OF PEOPLE WITH STROKE

P. Eastman (Australia)

11:00 - 12:30

ABU DHABI A

TEACHING COURSE: TC 15: NEUROCRITICAL CARE PART II

Chairs: B. Young (Canada)
A. Rabinstein (USA)

11:00 PROGNOSIS OF TRAUMATIC BRAIN INJURY: USING CLINICAL ASSESSMENT, ELECTROPHYSIOLOGY, BIOMARKERS AND STRUCTURAL IMAGING.

B. Young (Canada)

11:30 NOVEL THERAPEUTIC OPTIONS FOR SUPER-REFRACTORY STATUS EPILEPTICUS

E. Trinka (Austria)

12:00 AUTONOMIC DISORDERS IN PATIENTS WITH ACUTE BRAIN INJURY

A. Rabinstein (USA)

11:00 - 12:30

ABU DHABI B

FREE PAPERS 11 - CHILD NEUROLOGY

Chairs: J. Wilmshurst (South Africa)

H. Cross (United Kingdom)

11:00 CORRELATION BETWEEN RISK FACTORS FOR DIABETIC PERIPHERAL NEUROPATHY AND NERVE CONDUCTION STUDY PARAMETERS IN CHILDREN WITH TYPE 1 DIABETES MELLITUS ATTENDING SUDAN CHILDHOOD DIABETES CENTRE

A. Musa, H. Ahmed, N. Abuelwafa, M. Abdullah, A. Ahmed (Sudan)

11:10 DEVELOPMENT OF SOCIAL INTERACTION SKILLS OF AUTISTIC CHILDREN BY MUSICAL THERAPY

V. Balasubramanian, G. Bharathi, B. Vellinigri (India)

11:20 SERUM BILIRUBIN AS A NEUROINFLAMMATORY BIOMARKER IN CHILDHOOD AND ADOLESCENT MIGRAINE

M. Melake, W. El-Sheikh, H. El-shony (Egypt)

11:30 HEADACHES IN CHILDREN

A. Mahmoud (Saudi Arabia)

11:40 CLINICAL FEATURES AND TARGETED NEXT-GENERATION SEQUENCING OF IDIOPATHIC EARLY ONSET EPILEPTIC ENCEPHALOPATHY IN 68 PATIENTS

A. Arafat, PhD student in Xiang (China)

11:50 THE BURDEN OF MIGRAINE AMONG THE PEDIATRIC POPULATION

H. Upadhyaya, E. Pearlman, S. Avasti, J. Ford, H. Detke (USA)

12:00 MAGNETIC RESONANCE IMAGING (MRI) EVALUATION OF GLOBAL DEVELOPMENTAL DELAY IN PEDIATRIC PATIENTS.: A RETROSPECTIVE STUDY

H. Hafiz, A. Raidah, S. Bashir (Saudi Arabia)

12:10 PERIOPERATIVE ISCHEMIC STROKE IN CHILDREN UNDERGOING CARDIAC SURGERY FOR CONGENITAL HEART DISEASES (CHD) WITH CARDIOPULMONARY BYPASS(CPB)

O. Globa, L. Kuzenkova, V. Lastovka, R. Tepaev, A. Anikin (Russia)

12:20 ARACHNOID CYST MANAGEMENT IN CHILDREN

G. Odintsova, K. Samochernykh, N. Samochernykh, M. Nikolaenko (Russia)

11:00 - 12:30

DUBAI C

FREE PAPERS 12 - MS & DEMYELINATING

Chairs: M. Sahraian (Iran)
H. Tremlett (Canada)

- 11:00 SAFETY OF OCRELIZUMAB IN MULTIPLE SCLEROSIS: UPDATED ANALYSIS IN PATIENTS WITH RELAPSING AND PRIMARY PROGRESSIVE MULTIPLE SCLEROSIS**
S. Hauser, L. Kappos, X. Montalban, L. Craveiro, R. Hughes, J. McNamara, A. Pradhan, D. Wormser, H. Koendgen, J.S. Wolinsky (USA)
- 11:10 CLINICAL PHENOTYPES AND OUTCOMES OF MYELIN-OLIGODENDROCYTE-GLYCOPROTEIN-IGG-ASSOCIATED DISORDERS (MOGAD) IN A CONSECUTIVE COHORT OF SRI LANKAN PATIENTS: THE LARGEST SERIES FROM ASIA TO DATE**
B. Senanayake, M. Aravinthan, J. Jitprapaikulsan, J. Wijesekera, U. Ranawaka, M. Riffys, S. Pittock (Sri Lanka)
- 11:20 REAL-WORLD EXPERIMENT OF RITUXIMAB IN MULTIPLE SCLEROSIS**
S. Esmaeili, M. Motamed, Z. Mirzaasgari, B. Zamani, M.T. Joghatayi, M. Mojtahed (Iran)
- 11:30 QUANTIFICATION OF PUPILLARY LIGHT REFLEX ABNORMALITIES IN PATIENTS WITH NEUROMYELITIS OPTICA SPECTRUM DISORDER AND MULTIPLE SCLEROSIS USING AUTOMATED INFRARED PUPILLOMETRY**
S. Samadzadeh, R. Abolfazli, S. Najafina, C. Morcinek, P. Rieckmann (Germany)
- 11:40 COMPARISON OF BRAIN VOLUME BETWEEN NEUROMYELITIS OPTIC AND MULTIPLE SCLEROSIS PATIENTS IN INDONESIA**
R. Estiasari, S. Firdausia, R. Mulyadi, R. Eddy Yunus (Indonesia)
- 11:50 HYDROXYFASUDIL AMELIORATES EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS POSSIBLY THROUGH IMMUNOMODULATION AND ANTI-INFLAMMATORY EFFECTS**
J. Wang, Q. Miao, R.X. Sui, L.J. Song, Z. Chai, J.Z. Yu, Y.H. Li, J.J. Huang, L. Feng, B.G. Xiao, C.G. Ma (China)
- 12:00 MULTIPLE SCLEROSIS AND ANTIPHOSPHOLIPID ANTIBODIES: CLINICAL FEATURES AND PROGNOSIS**
D. Kasatkina (Russia)
- 12:10 THERAPEUTIC PLASMA EXCHANGE IN THE TREATMENT OF SEVERE MULTIPLE SCLEROSIS RELAPSE: TWELVE YEARS OF EXPERIENCE IN BELGRADE, SERBIA**
S. Mesaros, T. Pekmezovic, J. Ivanovic, V. Martinovic, D. Sokic, J. Drulovic (Serbia)
- 12:20 QUANTIFICATION OF VIDEO-OCULOGRAPHY AS A BIOMARKER FOR REMYELINATION – AN EXAMPLE FROM FAMPRIDINE IN INTERNUCLEAR OPHTHALMOPLÉGIA**
S. Van Dijkman, K.M.S. Kanhai, G.J. Groeneveld (The Netherlands)

12:30 - 14:30

EXHIBITION AREA

LUNCH BREAK, POSTER VIEWING AND EXHIBITION VISIT

13:00 - 14:00

SHEIKH MAKTOUM C

TOURNAMENT OF THE MINDS: "HEATS" QUALIFYING ROUND

Chairs: R. Stark (Australia)
N. Davies (United Kingdom)
F. Belahsen (Morocco)

13:00 - 14:30

SHEIKH RASHID A

SPONSORED SYMPOSIUM -NON CME/CPD CREDIT

TO VIEW THE FULL PROGRAM, PLEASE SEE PAGE 154

14:30 - 14:45

SHORT BREAK

14:45 - 16:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT5C: MS AND DEMYELINATING DISORDER

Chairs: L. Negrotto (Argentina)
H. Tremlett (Canada)

14:45 MODIFIABLE ENVIRONMENTAL FACTORS – ROLE AND IMPACT OF (INCLUDING EVIDENCE FOR INTERVENTION)

L. Negrotto (Argentina)

15:15 COMORBIDITIES – IMPACT ON DISEASE EVOLUTION, PROGRESSION AND TREATMENT RESPONSE

H. Tremlett (Canada)

15:45 THE ROLE OF VITAMIN D AND MS IN THE MIDDLE EAST

B. Yamout (Lebanon)

14:45 - 16:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT6C: TROPICAL AND GEOGRAPHIC NEUROLOGY

Chairs: P. Preux (France)
A.G. Diop (Senegal)

NON TRANSMISSIBLE DISEASES

14:45 BURDEN OF COGNITIVE DISORDERS IN SUBSAHARAN AFRICA

A. Ogunniyi (Nigeria)

15:15 ADDRESSING NEEDS IN NEUROVASCULAR DISEASES IN SUBSAHARAN AFRICA

A.G. Diop (Senegal)

15:45 EPILEPSY, HOW TO MOVE FORWARD IN ACCESS TO CARE IN TROPICAL AREAS?

P.M. Preux (France)

14:45 - 16:15

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T11: BRAIN-COMPUTER INTERFACES AND ROBOTICS

Chairs: O. Aszmann (Austria)
D. Farina (United Kingdom)

MAN-MACHINE INTERFACING AND REHABILITATION AFTER LIMB LOSS VIA ARTIFICIAL BIOSCREENS

14:45 BIONIC RECONSTRUCTION AFTER SEVERE LIMB TRAUMA AND LIMB LOSS

O. Aszmann (Austria)

15:15 NEURAL CONTROL OF OSSEO-NEUROMUSCULAR ARTIFICIAL LIMBS AND DECODING OF MOTOR VOLITION AS NEUROREHABILITATION TOOLS

M. Ortiz Catalan (Sweden)

15:45 MAN-MACHINE INTERFACING BY DECODING SPINAL MOTOR NEURONS

D. Farina (United Kingdom)

14:45 - 16:15

SHEIKH MAKTOUM D

SCIENTIFIC SESSION: TOPICS: T12: AUTOIMMUNE NEUROLOGICAL DISORDERS

Chairs: E. Shosha (Bahrain)
S. Irani (United Kingdom)

14:45 NOVEL BIOMARKER DISCOVERY IN AUTOIMMUNE NEUROLOGY: BUILDING PHENOTYPE SPECIFIC TEST PROFILES

S. Pittock (USA)

15:15 THE AUTOANTIBODY MEDIATED EPILEPSIES

S. Irani (United Kingdom)

15:45 AUTOIMMUNE AQUAPORIN CHANNELOPATHIES AND MOGOPATHIES; PROPINQUITY AND DIVERGENCE

E. Shosha (Canada)

14:30 - 16:00

SHEIKH MAKTOUM B

TEACHING COURSE: TC 12: NEUROMUSCULAR DISEASES: ADVANCES IN THE DIAGNOSIS AND TREATMENT OF IMMUNE-MEDIATED NEUROMUSCULAR DISORDERS

Chairs: M. Dimachkie (USA)
A. Al Madani (United Arab Emirates)

14:30 STATE-OF-THE-ART TREATMENT OF IMMUNE NEUROPATHIES

A. Al Madani (United Arab Emirates)

15:00 THE ROLE OF AUTO-ANTIBODIES IN IDIOPATHIC INFLAMMATORY MYOPATHIES

K. Claeys (Belgium)

15:30 MYASTHENIA GRAVIS: SUBGROUP CLASSIFICATION AND THERAPEUTIC STRATEGIES

M. Dimachkie (USA)

14:45 - 16:15

SHEIKH RASHID A

SCIENTIFIC SESSION: TOPICS: T14: BRAIN DEATH, THE GREY ZONE AND PERSISTENT VEGETATIVE STATE

Chair: A. Owen (Canada)

IMAGING IN THE ACUTE BRAIN INJURED STATE; DIAGNOSIS AND PROGNOSIS

14:45 PROGNOSIS OF ANOXIC-ISCHEMIC ENCEPHALOPATHY: USING CLINICAL ASSESSMENT, ELECTROPHYSIOLOGY, BIOMARKERS AND STRUCTURAL IMAGING

B. Young (Canada)

15:15 FUNCTIONAL NEUROIMAGING IN THE ACUTE BRAIN INJURED STATE; DIAGNOSIS AND PROGNOSIS

A. Owen (Canada)

15:45 IMAGING IN THE ACUTE BRAIN INJURED STATE; ETHICAL CONSIDERATIONS

C. Weijer (Canada)

14:45 - 16:15

SHEIKH RASHID B

SCIENTIFIC SESSION: TOPICS: T15: HOW USEFUL IS BIG DATA IN NEUROLOGY?

Chairs: S. Baranzini (USA)

D. Katabi (USA)

14:45 INTEGRATION OF ELECTRONIC MEDICAL RECORDS WITH A KNOWLEDGE NETWORK TO ENABLE MULTI-SCALE UNDERSTANDING OF NEUROLOGICAL DISEASES

S. Baranzini (USA)

15:15 TEMPORAL DISEASE TRAJECTORIES CONDENSED FROM POPULATION-WIDE REGISTRY DATA COVERING MILLIONS OF PATIENTS

D. Katabi (USA)

15:45 UNCOVERING NEUROLOGICAL DISEASE RELATIONSHIPS THROUGH THE INCOMPLETE INTERACTOME

A. Sharma (USA)

14:45 - 16:15

ABU DHABI A

REGIONAL SYMPOSIUM SESSION: EUROPEAN REGIONAL SYMPOSIUM

Chairs: C. Bassetti (Switzerland)

G. Deuschl (Germany)

14:45 ADVANCES IN POST STROKE NEUROREHABILITATION - FROM NEURO FUNDAMENTALS TO EVIDENCE BASED MEDICINE

D. Muresanu (Romania)

15:10 REGIONAL DISPARITIES OF NEUROLOGIC CARE ACROSS EUROPE: THE EXAMPLE OF ACUTE STROKE CARE

G. Deuschl (Germany)

15:35 SLEEP AND STROKE: GUILT BY ASSOCIATION

C. Bassetti (Switzerland)

16:00 DISCUSSION

14:45 - 16:15

ABU DHABI B

REGIONAL SYMPOSIUM SESSION: PAN-AFRICAN REGIONAL SYMPOSIUM: ERA OF NCD PANDEMIC IN AFRICAN NEUROLOGY

Chairs: A. Ogun (Nigeria)

F. Abd-Allah (Egypt)

14:45 CHALLENGES AND OPPORTUNITIES IN THE PREVENTION AND TREATMENT OF STROKE IN AFRICA: PERSPECTIVES FROM ACROSS THE CONTINENT

A. Ogun (Nigeria)

15:15 CHALLENGES AND OPPORTUNITIES IN THE PREVENTION AND TREATMENT OF EPILEPSY IN AFRICA: PERSPECTIVES FROM ACROSS THE CONTINENT

L. Tucker (South Africa)

15:45 THE HIDDEN THREAT OF THE DEMENTIAS IN AFRICA

A. Charway-Felli (Ghana)

14:45 - 16:15

DUBAI C

FREE PAPERS 13 - MOTOR NEURON DISEASE

Chairs: M. Kiernan (Australia)

S. Boholega (Saudi Arabia)

14:45 INTRATHECAL ADMINISTRATION OF AVXS-101 GENE-REPLACEMENT THERAPY (GRT) FOR SPINAL MUSCULAR ATROPHY TYPE 2 (SMA2): PHASE 1/2A STUDY (STRONG)

R.S. Finkel, J.W. Day, B.T. Darras, N.L. Kuntz, A.M. Connolly, T.O. Crawford, R.J. Butterfield, P.B. Shieh, G. Tennekoon, S.T. Iannaccone, M. Meriggioli, F.G. Ogrinc, S. Kavanagh, E. Kernbauer, J. Whittle, J. L'Italien, B. Kaspar, D.M. Sproule, S.A. Spector, D.E. Feltner, J.R. Mendell (USA)

14:55 EFFECT OF PHENOTYPIC PRESENTATION ON SURVIVAL IN ALS-FTD.

R. Ahmed, E. Devenney, J. Hodges, O. Piguet, M. Kiernan (Australia)

15:05 C9ORF72 HEXANUCLEOTIDE REPEAT EXPANSION IN INDIAN ALS PATIENTS: A COMMON FOUNDER AND ITS GEOGRAPHICAL PREDILECTION

U. Shamim, S. Ambawat, J. Singh, V. Suroliya, S. Parveen, P. Sharma, S. Chanchal, N. Atchayaram, K. Polavarapu, S. Vengalil, S. Nashi, D. Vibha, A. Thomas, A. Srivastava, M. Faruq (India)

15:15 BURDEN OF ILLNESS OF SPINAL MUSCULAR ATROPHY TYPE 1 (SMA1)

M. Droege, O. Dabbous, R. Arjunji, J. Seda, M. Gauthier-Loiselle, M. Cloutier, D.M. Sproule (USA)

15:25 NON-CODING REPEAT EXPANSIONS IN THE ATXN80S GENE ARE IDENTIFIED IN JAPANESE PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS

M. Hirano, M. Samukawa, C. Isono, K. Saigoh, Y. Nakamura, S. Kusunoki (Japan)

15:35 THE VALUE OF ONASEMNOGENE ABEPARVOVEC (AVXS-101) GENE-REPLACEMENT THERAPY FOR SPINAL MUSCULAR ATROPHY TYPE 1

O. Dabbous, D.M. Sproule, D.E. Feltner, M. Droege, F. Khan, R. Arjunji (USA)

15:45 EFFECT OF FLAVONOIDS FROM TRADITIONAL HERBAL COCKTAILS AGAINST TAUPATHY AND NEURONAL OXIDATIVE STRESS IN A MODEL OF DROSOPHILA MELANOGASTER: RELEVANCE TO MOTOR NEURODEGENERATION

G. Chandran, J.B. Chauhan (India)

15:55 PHENOTYPIC AND GENETIC HETEROGENEITY OF ADULT PATIENTS WITH HEREDITARY SPASTIC PARAPLEGIA FROM SERBIA

S. Peric, V. Markovic, E. De Vriendt, A. Estrada-Cuzcano, M. Svetel, V. Rakocevic Stojanovic, N. Dragasevic-Miskovic, Z. Stevic, I. Bozovic, M. Mijajlovic, S. Mesaros, J. Drulovic, I. Novakovic, V. Kostic, S. A. Jordanova (Serbia)

16:05 THE RESTORE REGISTRY: A RESOURCE FOR MEASURING AND IMPROVING SPINAL MUSCULAR ATROPHY OUTCOMES

L. Servais, J.W. Day, D.C. De Vivo, J. Kirschner, E. Mercuri, F. Muntoni, P.B. Shieh, E. Tizzano, M. Droege, O. Dabbous, F. Khan, F.A. Anderson, R.S. Finkel (USA)



ACCELERATING THE PACE OF CHANGE



WEDNESDAY
OCTOBER 30, 2019

WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019



WEDNESDAY, OCTOBER 30, 2019

07:00 - 08:00

SHEIKH MAKTOUM B

TEACHING COURSE: TC 16: NEUROIMAGING

J. Masdeu (USA)

08:00 - 08:30

SHEIKH RASHID E

PLENARY LECTURE 7: GENOMICS AND NEURODEGENERATION

Chairs: A. Guekht (Russia)

L. Cui (China)

08:00 WHAT IS GENOMICS TEACHING US ABOUT NEURDDEGENERATION AND WHAT SHOULD WE DO ABOUT IT?

J. Hardy (United Kingdom)

08:30 - 09:00

SHEIKH RASHID E

PLENARY LECTURE 8: MULTIPLE SCLEROSIS

Chairs: A. Thompson (United Kingdom)

R. Shakir (United Kingdom)

08:30 MULTIPLE SCLEROSIS

M. Tintore (Spain)

09:00 - 10:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT7A: HEADACHE AND PAIN

Chairs: P. Pozo-Rosich (Spain)

J. Al-Hashel (Kuwait)

INSIGHTS INTO THE MIGRAINE BRAIN: AN INNOVATIVE PERSPECTIVE ON THE IMPORTANCE OF TREATMENT

09:00 WHY DO WE HAVE TO TREAT MIGRAINE PROPERLY? INSIGHTS INTO THE MIGRAINE BRAIN

P. Pozo-Rosich (Spain)

09:30 BOTULINUM TOXIN IN MIGRAINE: RATIONALE AND PATIENT SELECTION

J. Al-Hashel (Kuwait)

10:00 CGRP ANTAGONISM AND MIGRAINE: WHERE ARE WE NOW?

U. Reuter (Germany)

09:00 - 10:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT8A: NEUROMUSCULAR DISEASES

Chairs: M. de Visser (The Netherlands)

E. Cupler (Saudi Arabia)

MUSCLE SYMPOSIUM

09:00 INFLAMMATORY MYOPATHIES

M. De Visser (The Netherlands)

09:30 GENETIC DISTAL MYOPATHIES

K. Claeys (Belgium)

10:00 THE DIAGNOSIS AND TREATMENT OF LATE-ONSET POMPE DISEASE

E. Cupler (Saudi Arabia)

09:00 - 10:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T15A: CHILD NEUROLOGY

Chairs: I. Tein (Canada)

J. Wilmshurst (South Africa)

CHALLENGES IN CHILD NEUROLOGY CARE**09:00 SMA AND DMD: WHAT IS BEST PRACTICE CARE? – THE ETHICAL ISSUES**

H. Topaloglu (Turkey)

09:30 MITOCHONDRIAL DISEASE – NEW AND IMPORTANT CONDITIONS TO RECOGNIZE

I. Tein (Canada)

10:00 AUTOIMMUNE ENCEPHALITIDES – WHAT'S NEW, CLINICAL CLUES, AND BEST CARE PRACTICE

R. Dale (Australia)

09:00 - 10:30

SHEIKH MAKTOUM B

TEACHING COURSE: TC 18: NEURO-ONCOLOGY PART I

Chairs: P. Wen (USA)

M. Van den Bent (The Netherlands)

09:00 MANAGEMENT OF MEDICAL AND NEUROLOGIC COMPLICATIONS IN BRAIN TUMOR PATIENTS

P. Wen (USA)

09:30 WHO CLASSIFICATION OF BRAIN TUMORS AND APPROACH TO LOWER GRADE GLIOMAS

M. Van den Bent (The Netherlands)

10:00 STANDARD OF CARE IN GLIOBLASTOMAS

M. Weller (Switzerland)

09:00 - 10:30

SHEIKH RASHID A

TEACHING COURSE: TC 19: DEMENTIA: ATYPICAL AND TYPICAL PRESENTATIONS OF ALZHEIMER DISEASE PART I

Chairs: M. El Alaoui Faris (Morocco)

A. Ogunniyi (Nigeria)

09:00 DEMENTIA IN ARAB COUNTRIES

M. El Alaoui Faris (Morocco)

09:30 DEMENTIA IN AFRICA

A. Ogunniyi (Nigeria)

10:00 DEMENTIA IN ASIA

E. Krishnamoorthy (India)

09:00 - 10:30

SHEIKH RASHID B

TEACHING COURSE: TC 20: NEURO-OTOLOGY: THE DIZZY PATIENT PART I

Chairs: C. Tilikete (France)
K.P. Weber (Switzerland)

09:00 HISTORY TAKING AND KEY SYMPTOMS

T. Brandt (Germany)

09:30 WHICH ADDITIONAL INSTRUMENT-BASED TESTS ARE NECESSARY?

K.P. Weber (Switzerland)

10:00 ACUTE PERIPHERAL VERSUS ACUTE CENTRAL VESTIBULOPATHY

J.S. Kim (Republic of Korea)

09:00 - 10:30

ABU DHABI A

TEACHING COURSE: TC 21: NEUROLOGY AND INTERNAL MEDICINE PART I

Chairs: S. Lewis (USA)
E. Shosha (Bahrain)

09:00 MONOCLONAL GAMMOPATHIES AND NEUROPATHY

M. Reilly (United Kingdom)

09:30 INTOXICATIONS AND NEUROLOGIC DISEASE

A. Awada (Lebanon)

10:00 NEUROLOGICAL MANIFESTATIONS OF RHEUMATOLOGICAL DISEASE

E. Shosha (Bahrain)

09:00 - 10:30

ABU DHABI B

FREE PAPERS 14 - HEADACHE

Chairs: A. Aljishi (Bahrain)

M. Campero (Chile)

- 09:00 CALCITONIN GENE RELATED PEPTIDE IN PERIPHERAL BLOOD AS A DIAGNOSTIC MARKER IN RECURRENT PAINFUL OPHTHALMOPLLEGIC NEUROPATHY/ OPHTHALMOPLLEGIC MIGRAINE**
A.K. K V, A. Takkar Kapila, V. Lal, R. Minz, W, P. Singh, D. Katoch (India)
- 09:10 EFFICACY OF FREMANEZUMAB BY COUNTRY IN PATIENTS WITH DOCUMENTED INADEQUATE RESPONSE TO 2-4 CLASSES OF MIGRAINE PREVENTIVE MEDICATIONS IN THE MULTICENTRE, RANDOMISED, PLACEBO-CONTROLLED FOCUS STUDY**
E.L.H. Spierings, X. Ning, J.M. Cohen, V. Ramirez-Campos, R. Yang, U. Reuter (USA)
- 09:20 BURDEN OF MIGRAINE ACROSS CHINA, ISRAEL, RUSSIA, SOUTH KOREA, AND TURKEY: RESULTS FROM A SYSTEMATIC LITERATURE REVIEW**
H. Benhaddi, R. Zeidman, R.C. Verena, S. McCabe (Belgium)
- 09:30 ACUTE AND PREVENTIVE TREATMENT USE IN A PHASE-3 RANDOMIZED TRIAL OF GALCANEZUMAB IN CHRONIC CLUSTER HEADACHE**
M. Lanteri-Minet, K. Kalidas, T. Oakes, J. Bardos, C. Zhou, R. Wenzel, J.Y. Yang, S. Aurora (France)
- 09:40 HIGH ALTITUDE HEADACHE AMONG TOURISTS VISITING THE HIGH ALTITUDE CITY OF LA PAZ BOLIVIA AT 3.600 METERS ABOVE SEA LEVEL**
J.C. Duran, J.W. Condori, T. Condori, G. Cortez, M. Chambi, D. Limachi, R. Rodas, J. Rojas, A. Surculento, S. Vargas, A. Ventura, D. Villca, N. Yujra, C. Zonco (Bolivia)
- 09:50 EVALUATION OF DEPRESSION IN PEOPLE WITH PRIMARY HEADACHE**
T. Byambasuren, O. Luvsannorov, J. Batkhurel (Mongolia)
- 10:00 EFFECT OF ACUPUNCTURE ON POST- DURAL PUNCTURE HEADACHE; RANDOMIZED CLINICAL TRIAL**
S. Esmaeili, R. Alizadeh, M. Mojtahed (Iran)
- 10:10 ODDS RATIOS FOR RESPONSE TO FREMANEZUMAB IN MIGRAINE PATIENTS WITH INADEQUATE RESPONSE TO 2-4 MIGRAINE PREVENTIVE MEDICATION CLASSES: RESULTS OF THE FOCUS PHASE 3B STUDY**
H.C. Diener, X. Ning, M. Galic, J.M. Cohen, V. Ramirez-Campos, R. Yang, M. Ashina (Germany)
- 10:20 REVERSION FROM CHRONIC TO EPISODIC MIGRAINE IN PATIENTS WITH INADEQUATE RESPONSE TO 2-4 CLASSES OF MIGRAINE PREVENTIVE TREATMENTS IN THE FOCUS PHASE 3B STUDY**
R.B. Lipton, J. Ailani, V. Ramirez-Campos, J.M. Cohen, R. Yang, M. Galic, X. Ning, R. Halker Singh (USA)

09:00 - 10:30

DUBAI C

FREE PAPERS 15 - NEUROPHYSIOLOGY

Chairs: A. Oday Hatem (Iraq)
J. England (USA)

09:00 ASYMMETRY INDEX OF BLINK REFLEX RECOVERY CYCLE DIFFERENTIATES EARLY PARKINSON'S DISEASE FROM ATYPICAL PARKINSONIAN SYNDROMES

G. Sciacca, G. Mostile, I. Disilvestro, G. Donzuso, R. Manna, G. Portaro, C. Rascunà, S. Salomone, F. Drago, A. Nicoletti, M. Zappia (Italy)

09:10 MULTIMODAL NEUROLOGICAL EVALUATION OF PATIENTS WITH HEPATIC CIRRHOSIS

N. Fim, L. Costa, K. Alves, F. Romeiro, L.E. Betting (Brazil)

09:20 CLINICAL, ELECTROPHYSIOLOGICAL AND ULTRASONOGRAPHIC CORRELATION OF CARPAL TUNNEL SYNDROME

S. Vasireddy, S. Sreekanta swamy, N. Boraiah, R. Kollu (India)

09:30 POLYMORPHISM OF THE COMT GENE AND VITAL EXHAUSTION IN OPEN POPULATION OF 45-64 YEARS. INTERNATIONAL EPIDEMIOLOGICAL PROGRAMS: WHO MONICA, HAPIEE

V. Gafarov, E. Gromova, D. Panov, I. Gagulin, A. Gafarova, V. Maximov (Russia)

09:40 GENDER HAS A SIGNIFICANT EFFECT ON NORMAL NERVE CONDUCTION VALUES

K. Al-Salmi (Oman)

09:50 MEMORY NEURAL CIRCUITS PLASTICITY: FOCUSING ON THE MEANING OF THE WORDS

R. Galante da Cunha, P.A. Ribeiro Champi, A. Quidute Perocco, B. Silva Rodrigues, M. Wilot Hettwer, A.J. Godoy (Brazil)

10:00 SPECTRUM OF ELECTROPHYSIOLOGY FINDINGS IN METABOLIC DISORDERS

S.K. N S, N.S.P. Parimi (India)

10:10 RECRUITMENT OF MOTOR UNITS AND ACTIVATION OF ASSOCIATIVE MOTOR NEURONS

J. Pinheiro de Carvalho, R. Iegoroff, R. Costa de Aguiar Valim, G. Cherres Xavier Esteves, P.A. Ribeiro Champi, A.J. Godoy (Brazil)

10:20 DEMOGRAPHIC AND CLINICAL FACTORS ASSOCIATED WITH ROUTINE OUTPATIENT ELECTROENCEPHALOGRAPHY (EEG) FINDINGS AT KING ABDULAZIZ UNIVERSITY HOSPITAL IN JEDDAH, SAUDI ARABIA

H. Tayeb, B. Yaghmoor, A. Zamzami, A. Almalki, F. Alzaidi, A. Alhusaini, M. Altuwaijry, Y. Mandorah, A. Baduwailan, R. Alyoubi (Saudi Arabia)

10:30 - 11:00

EXHIBITION AREA

COFFEE, POSTER VIEWING AND EXHIBITION VISIT

11:00 - 12:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT7B: HEADACHE AND PAIN

Chairs: S. Wang (Taiwan R.O.C.)

S. Aidi (Morocco)

RARE HEADACHE: PATHOPHYSIOLOGY AND TREATMENT

11:00 REVERSIBLE CEREBRAL VASOCONSTRICTION SYNDROME

A. Ducros (France)

11:30 SPONTANEOUS INTRACRANIAL HYPOTENSION

S.J. Wang (Taiwan R.O.C.)

12:00 IDIOPATHIC INTRACRANIAL HYPERTENSION

S. Aidi (Morocco)

11:00 - 12:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT8B: NEUROMUSCULAR DISEASES

Chairs: K. El Salem (Jordan)

M. Dimachkie (USA)

11:00 NEUROMUSCULAR JUNCTION SYMPOSIUM

M. Dimachkie (USA)

11:30 CONGENITAL MYASTHENIC SYNDROMES

M. Milone (USA)

12:00 LAMBERT-EATON MYASTHENIC SYNDROMES

K. El Salem (Jordan)

11:00 - 12:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T15B: CHILD NEUROLOGY

Chairs: I. Tein (Canada)
H. Cross (United Kingdom)

MYTHS AND FACTS IN CHILDREN WITH EPILEPSY

11:00 NEW WAYS FORWARD IN CHILDHOOD EPILEPSY – FACT OR HYPE

H. Cross (United Kingdom)

11:30 ADHD AND EPILEPSY – MYTHS AND FACTS

J. Wilmshurst (South Africa)

12:00 EPILEPSY SURGERY – THE ROLE FOR EARLIER INTERVENTION AND WHEN TO WEAN AEDS

K. Braun (The Netherlands)

11:00 - 12:30

SHEIKH MAKTOUM B

TEACHING COURSE: TC 18: NEURO-ONCOLOGY PART II

Chairs: P. Wen (USA)
M. Van den Bent (The Netherlands)

11:00 APPROACH TO NEUROLOGIC COMPLICATIONS OF IMMUNOTHERAPIES AND OTHER NOVEL CANCER THERAPIES

J. Degroot (USA)

11:30 DIAGNOSIS AND MANAGEMENT OF METASTASES TO THE NERVOUS SYSTEM

E. Le Rhun (France)

12:00 APPROACH TO NEW TUMOR LIKE LESION(S) ON MRI

L. Nayak (USA)

11:00 - 12:30

SHEIKH RASHID A

TEACHING COURSE: TC 19: DEMENTIA: ATYPICAL AND TYPICAL PRESENTATIONS OF ALZHEIMER'S DISEASE PART II

Chairs: S. Cappa (Italy)
M. Husain (United Kingdom)

11:00 AMNESIC ALZHEIMER'S DISEASE

M. Ben Jebara (Tunisia)

11:30 PRIMARY PROGRESSIVE APHASIA

S. Cappa (Italy)

12:00 POSTERIOR CORTICAL ATROPHY

M. Husain (United Kingdom)

11:00 - 12:30

SHEIKH RASHID B

TEACHING COURSE: TC 20: NEURO-OTOLOGY: THE DIZZY PATIENT PART II

Chairs: M. Dieterich (Germany)
J.S. Kim (Republic of Korea)

11:00 CEREBELLAR OCULAR MOTOR AND VESTIBULAR DISORDERS

C. Tilikete (France)

11:30 IMAGING VESTIBULAR FUNCTION AND DISORDERS

M. Dieterich (Germany)

12:00 THE CHRONIC DIZZY PATIENT

A. Bronstein (United Kingdom)

11:00 - 12:30

ABU DHABI A

TEACHING COURSE: TC 21: NEUROLOGY AND INTERNAL MEDICINE PART II

Chairs: S. Lewis (USA)
E. Shosha (Bahrain)

11:00 NEUROLOGIC COMPLICATIONS OF CARDIAC DISEASE AND CARDIAC SURGERY

A. Rabinstein (USA)

11:30 VITAMINS AND MINERALS AND NEUROLOGIC DISEASE

S. Lewis (USA)

12:00 NERVOUS SYSTEM COMPLICATIONS OF HIV

N. Qadi (Saudi Arabia)

11:00 - 12:30

ABU DHABI B

FREE PAPERS 16 - FUNCTIONAL DISORDERS AND BEHAVIORAL NEUROLOGY

Chairs: I. Biran (Israel)

I. Alsharoqi (Bahrain)

11:00 POST STROKE DEPRESSIONA. Hussein, I. Idris, A. A.Omer, A. Siddig, M. Abbasher, H. Abbashar, K. Mohamed Ahmed ,
Abbasher (Sudan)**11:10 ONE DISEASE OR THREE: IS FRONTOTEMPORAL DEMENTIA – MOTOR NEURON DISEASE A DISTINCT ENTITY?**Z. Long, M. Irish, D. Foxe, J. Hodges, O. Piguet, J. Burrell (Australia)**11:20 DEPRESSION AND QUALITY OF LIFE AFTER CEREBRAL VENOUS SINUS THROMBOSIS**N. Thorat, S. Aralikkatte, Onkarappa, R. Naik, Karkal (India)**11:30 ZEITGEBER MEDIATED CIRCADIAN DYSTONIA RESULTED IN NEURONAL EXCITOTOXICITY, HIPPOCAMPAL STRESS AND DEMENTIA IN RAT**P. Pr, R. Goyal (India)**11:40 CEREBROVASCULAR AUTOREGULATION IMPAIRMENTS AND POSTOPERATIVE COGNITIVE DETERIORATION AFTER CARDIAC SURGERY**Y. Hamarat, V. Petkus, R. Zakelis, B. Kumpaitiene, M. Svagzdiene, E. Sirvinskas, S. Krakauskaite, A. Ragauskas, R. Benetis (Lithuania)**11:50 AURAS IN PSYCHOGENIC NON-EPILEPTIC SEIZURES**A. Asadi-Pooya, Z. Bahrami (Iran)**12:00 FRONTOPARIETAL DYSFUNCTION DURING COGNITIVE REAPPRAISAL IN ANXIETY DISORDER: A META-ANALYSIS OF FUNCTIONAL MAGNETIC RESONANCE IMAGING STUDIES**H.Y. Wang, X.X. Zhang, B.W. Zhang, X.L. Li, Z.R. Yan (China)**12:10 NEW HYPOTHESIS: DYSFUNCTIONAL MECHANISM OF SELF-REFERENCE NETWORK PATHWAY CONTRIBUTES TO ALZHEIMER'S DISEASE PATHOGENESIS**P.H. Wei, F. Bai (China)**12:20 SEIZURE MIMICS IN CHILDREN- AWARENESS DETECTS THE ABNORMALITY**P.A.M. Kunju, M. Sreedharan, M. Iype, A. Jain R (India)

11:00 - 12:30

DUBAI C

FREE PAPERS 17 - NEUROIMAGING

Chairs: J. Masdeu (USA)

S. Warach (USA)

- 11:00 DIFFUSION PROPERTIES OF MAJOR WHITE MATTER TRACTS IN INDIVIDUALS WHITE MATTER HYPERINTENSITY**
H. Chen, Y. Xu (China)
- 11:10 CEREBRAL MICROBLEEDS: PREVALENCE AND RISK FACTORS FROM UK BIOBANK WITH 3.0T SWI SEQUENCE**
D. Lu, S.M. Hugh, J. Liu, M. Traylor (China)
- 11:20 DIFFUSION FIBER TRACTOGRAPHY ON PHONOLOGICAL LOOP WITH LOGOPENIC APHASIA TAU PATHOLOGY: FIBER-SPECIFIC WHITE MATTER REDUCTIONS IN ALZHEIMER'S DISEASE, "IS IT A CAUSAL OR CASUAL LINK?"**
V.H.Y. Kurra, G. Elumalai, P. Maiti, C. Vadiyala, G. Vinodhanand, N.A.S.V. Ghanta (USA)
- 11:30 HUMAN VISUAL PROCESSING FOR SPATIAL 3-D IMAGING RECOGNITION: CORTICAL CONNECTIVITY DEFICITS IN PARKINSON'S SPATIAL PERCEPTUAL VISUAL PATHWAY**
G. Vinodhanand, G. Elumalai, P. Maiti, C. Vadiyala (Guyana)
- 11:40 DEEP LEARNING BASED APPLICATION FOR VIDEOFUOROSCOPIC SWALLOWING STUDY (VFSS): A PILOT STUDY**
S.J. Lee, S.I. Choi, J.Y. Ko, H. Kim (Republic of Korea)
- 11:50 USE OF PET CT SCAN FOR EARLIER DIAGNOSIS OF CENTRAL SKULL-BASE OSTEOMYELITIS – A STEP BEYOND CONVENTIONAL MRI SCAN**
S. Bhattacharjee, A. Ram, B. Maramattom, Varkey (India)
- 12:00 DIFFUSION IMAGING FIBRE TRACTOGRAPHIC ANALYSIS FOR AUDITORY SACCADIC ATTENTION DEFICIT (ASAD) IN PROGRESSION STAGES OF ALZHEIMER'S DISEASE**
C. Vadiyala, G. Elumalai, P. Maiti (Guyana)
- 12:10 NEURAL-CORTICAL CONNECTIVITY ANALYSIS IN CORRELATIONS WITH "HOW" STREAM VISUAL PATHWAYS IN DISEASE PROGRESSION STAGES OF ALZHEIMER'S DISEASE: OPTIC ATAXIA IN ALZHEIMER'S**
G. Vinodhanand, G. Elumalai, P. Maiti, C. Vadiyala (Guyana)
- 12:20 TEMPORAL LOBE EPILEPSY WITH DEPRESSIVE SYMPTOMS: INFLUENCE ON NEURONAL DAMAGE MEASURED BY PROTON MAGNETIC RESONANCE SPECTROSCOPY**
L. Pimentel-Silva, M. Nogueira, T. Zanão, C. Yasuda, F. Cendes (Brazil)

12:30 - 14:30

EXHIBITION AREA

LUNCH BREAK, POSTER VIEWING AND EXHIBITION VISIT

13:00 - 14:00

SHEIKH MAKTOUM C

TOURNAMENT OF THE MINDS: SEMI-FINAL

Chairs: T. Kanda (Japan)
N. Davies (United Kingdom)

13:00 - 14:00

SHEIKH MAKTOUM A

TOURNAMENT OF THE MINDS: SEMI-FINAL

Chairs: F. Belahsen (Morocco)
R. Stark (Australia)
S. Servidei (Italy)

13:00 - 14:30

SHEIKH MAKTOUM D

SPONSORED SYMPOSIUM -NON CME/CPD CREDIT

FOR THE FULL SESSION, PLEASE SEE PAGE 155

14:30 - 14:45

SHORT BREAK

14:45 - 16:15

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT7C: HEADACHE AND PAIN

Chairs: M. Campero (Chile)
S. Dib-Hajj (USA)

WHAT WE HAVE LEARNED FROM THE CRANIAL NEURALGIAS FOR THE TREATMENT OF PAROXYSMAL PAIN

14:45 TRIGEMINAL NEURALGIA AND OTHER AUTONOMIC CEPHALGIAS

A. Al Madani (United Arab Emirates)

15:15 SPONTANEOUS ACTIVITY OF NOCICEPTORS IN THE PATHOPHYSIOLOGY OF NEUROPATHIC PAIN

M. Campero (Chile)

15:45 SODIUM CHANNEL BLOCKERS IN THE TREATMENT OF NEUROPATHIC PAIN

S. Dib-Hajj (USA)

14:45 - 16:15

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT8C: NEUROMUSCULAR DISEASES

Chairs: M. Reilly (United Kingdom)
M. Kiernan (Australia)

NEUROPATHY SYMPOSIUM

14:45 DISTAL MOTOR NEUROPATHIES

M. Kiernan (Australia)

15:15 AN APPROACH TO GENETIC NEUROPATHY

M. Reilly (United Kingdom)

15:45 CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY

M. Al Jumah (Saudi Arabia)

14:45 - 16:15

SHEIKH MAKTOUM C

**SCIENTIFIC SESSION: TOPICS: T17: WFN/WPA JOINT SESSION:
PSYCHIATRIC ASPECTS OF PSYCHIATRIC ASPECTS OF NEUROLOGY**

Chairs: H. Herrman (Australia)

PARTNERSHIPS IN CARE FOR DEMENTIA WORLDWIDE

**14:45 RESEARCH DIAGNOSTIC CRITERIA FOR NEUROCOGNITIVE DISORDERS USING THE BIOMARKER
APPROACH**

P. Sachdev (Australia)

15:15 STAGING OF CARE FOR PEOPLE WITH DEMENTIA: A GLOBAL EFFORT

M. Semaru (United Kingdom)

15:45 GLOBAL GOVERNMENTAL AND NONGOVERNMENTAL ACTION ON DEMENTIA

H. Herrman (Australia)

14:45 - 16:15

SHEIKH MAKTOUM D

SCIENTIFIC SESSION: TOPICS: T18: ENVIRONMENT AND NEUROLOGY

Chairs: M. Wasay (Pakistan)

J. Reis (France)

14:45 ENVIRONMENT AND STROKE

M. Wasay (Pakistan)

15:15 ENVIRONMENTAL NEUROTOXINS IN FOOD IN A PERSPECTIVE OF GLOBAL HEALTH APPROACH

G. Román (USA)

15:45 GLOBAL CHANGES (CLIMATE, CHEMICAL CONTAMINATION, AIR POLLUTION) AND NEUROLOGICAL IMPACTS

J. Reis (France)

14:45 - 16:15

SHEIKH MAKTOUM B

SCIENTIFIC SESSION: TOPICS: T19: THE MICROBIOME AND NEUROLOGY

Chairs: J. Correale (Argentina)

H. Tremlett (Canada)

14:45 INTESTINAL MICROBIOTA AND NEUROLOGICAL DISEASE

H. Wekerle (Germany)

15:15 THE MICROBIOME, INNATE IMMUNITY AND MS

J. Correale (Argentina)

15:45 THE GUT MICROBIOTA IN THE MS PATIENT; A FOCUS ON PAEDIATRICS

H. Tremlett (Canada)

14:45 - 16:15

ABU DHABI B

FREE PAPERS 18 - EPILEPSY 2

Chairs: R. Stark (Australia)

H. Hosny (Egypt)

- 14:45 EVALUATION OF GREY AND WHITE MATTER STRUCTURAL DIFFERENCE BETWEEN HOT WATER EPILEPSY AND JUVENILE MYOCLONIC EPILEPSY WITH MULTIMODAL MULTIVARIATE APPROACH USING MCCA AND JOINT ICA**
R. Kenchaiah, C. Ravindranadh, L.G. Viswanathan, G.K. Bhargava, B. Rose Dawn, J. Saini, P. Satishchandra, S. Sinha (India)
- 14:55 PROGRESS OF EPILEPSY CONTROL IN CHINA IN RECENT YEARS**
S. Li, Z. Hong, W. Wang, Y. Wang, J. Zhang, G. Luan (China)
- 15:05 SUB-SAHARAN STUDY OF PHOTOPAROXYSMAL RESPONSE IN A REFERENCE EPILEPSY LAB**
A.M. Magnerou, D.H. Toffa, A. Basse, A.D. Sow, L.B. Seck, M. Ndiaye (Cameroon)
- 15:15 PROGNOSTIC VALUE OF EEG IN CRITICALLY ILL PATIENTS: ANALYSIS OF 501 CASES**
G.K. Dash, S.A. Adukia (India)
- 15:25 EPILEPSY IN GUINEA: THE EXPERIENCE OF A FREE CONSULTATION**
C. Fodé Abass, F. Sakadi, A. Nana Rahamatou, Tassiou, B. Amadou Talibé, N.W. Arcel Steven, B. Aissatou, Kenda, B. Souleymane, Djigué, C. Amara, F. Mateen, Jasmine (Guinea Republic)
- 15:35 SCREENING TOOLS FOR DEPRESSION IN EPILEPSY – A COMBINATION INCREASES DETECTION RATE**
T.J. Von Oertzen, N. Thamm, G. Schwarz, A.M. Hengsberger, J. Wagner, G. Puttinger (Austria)
- 15:45 INTRACTABLE SEIZURES, PREDICTION, PROGNOSTIC FACTORS, INTRACTABILITY: A SYSTEMATIC REVIEW**
S. Shaafi, N. Ghaemian (Iran)
- 15:55 REFRACTORY EPILEPSY WITH EPILEPTIC SPASMS: CLINICAL CHARACTERISTICS AND PREDICTORS OF OUTCOME AFTER SURGERY.**
S.J. Sattaluri, S. Vooturi, M. Panigrahi, R. Vadapalli (India)
- 16:05 SEX DIFFERENCES IN DEMOGRAPHIC AND CLINICAL CHARACTERISTICS OF PSYCHOGENIC NONEPILEPTIC SEIZURES: A RETROSPECTIVE MULTICENTER INTERNATIONAL STUDY**
A. Asadi-Pooya, L. Myers, K. Valente, A. Daza Restrepo, L. D' Alessio, T. Sawchuk, M. Homayoun, Z. Bahrami, R. Alessi, A. Aroni Paytan, S. Kochen, J. Buchhalter, F. Taha, L.M. Lazar, S. Pick, T. Nicholson (Iran)

14:45 - 16:15

DUBAI C

FREE PAPERS 19 - MOVEMENT DISORDERS 2

Chairs: K. Bhatia (United Kingdom)

C. Khamis (Lebanon)

14:45 VARIATIONS IN THE VENTRAL VISUAL PATHWAY'S CONNECTIVITY: CORTICAL INTERACTIONS EVALUATED FOR STRUCTURAL ALTERATIONS IN VISUAL PERCEPTUAL ABNORMALITIES IN PARKINSON'S DISEASEE. Ganesh, G. Vinodhanand, C. Vadiyala, H. Chaterjee, V.H. Yadav Kurra (Guyana)**14:55 ASSOCIATION OF POTENTIAL PREMOTOR CLINICAL FEATURES WITH AGE OF SYMPTOM ONSET IN PARKINSON'S DISEASE**D. SELÇUK DEMİRELLİ, G. Genç, N. Günderten, S. Bulut (Turkey)**15:05 COGNITIVE PROFILE OF PARKINSON'S DISEASE WITH AND WITHOUT DEFICITS IN MOTOR SPEED**V.N.S. Hegde, N. Kamble, R. Yadav, P. Kumar Pal (India)**15:15 OPICAPONE ODDS RATIO IN RELATIVE OFF-TIME REDUCTION: A POST-HOC ANALYSIS FROM COMBINED BIPARK-I AND II DATA**F. Rocha, W. Poewe, O. Rascol, A. Lees, J. Ferreira, A. Santos, D. Magalhaes, P. Soares-da-Silva (Portugal)**15:25 THE URGE TO MOVE IN RESTLESS LEGS SYNDROME ASSOCIATED WITH PARKINSON'S DISEASE: A MOTOR IMPULSE CONTROL DISORDER?**A. Marques, L. Fantini, C. Lambert, B. Pereira, T. Vidal, F. Durif (France)**15:35 MOTOR LEARNING AND LONG DURATION RESPONSE TO LEVODOPA IN PARKINSON'S DISEASE**G. Sciacca, G. Mostile, I. Disilvestro, G. Donzuso, R. Manna, G. Portaro, C. Rascunà, S. Salomone, F. Drago, A. Nicoletti, M. Zappia (Italy)**15:45 PATTERN ANALYSIS OF FDG PET IN ATYPICAL PARKINSONISM - AN INNOVATIVE APPROACH.**S. Balakrishnan, S. Narasimhan, P. Chandra (India)**15:55 INFECTIONS AS A CAUSE OF MOVEMENT DISORDERS- A SERIES OF THREE UNUSUAL CASES**D. Garg, R. Dhamija, Kumar (India)**16:05 EPIDEMIOLOGY, MOLECULAR GENETICS, AND NEW TREATMENT OPTIONS FOR AROMATIC AMINO ACID DECARBOXYLASE DEFICIENCY**N. Himmelreich, R. Montioli, M. Bertoldi, C. Carducci, V. Leuzzi, C. Gemperle, T. Berner, K. Hyland, B. Thöny, G.F. Hoffmann, C.B. Voltattorni, N. Blau (Germany)



ACCELERATING THE PACE OF CHANGE

دبي

THURSDAY
OCTOBER 31, 2019

WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019





THURSDAY, OCTOBER 31, 2019

07:00 - 08:00

SHEIKH MAKTOUM B

TEACHING COURSE: TC 22: HEADACHE

R. Stark (Australia)

08:00 - 08:30

SHEIKH RASHID E

PLENARY LECTURE 9: BARUCHA AWARD LECTURE: BRAIN-MACHINE INTERFACES

Chairs: R. Kaji (Japan)

M. Freedman (Canada)

08:00 BRAIN-MACHINE INTERFACES: FROM BASIC SCIENCES TO NEUROREHABILITATION

M. Nicolelis (USA)

08:30 - 09:00

SHEIKH RASHID E

PLENARY LECTURE 10: THE PROMISE OF THE BRAIN INITIATIVE® FOR THOSE WITH NEURO/MENTAL/SUBSTANCE ABUSE DISORDERS

Chairs: R. Shakir (United Kingdom)

V. Hachinski (Canada)

08:30 THE PROMISE OF THE BRAIN INITIATIVE® FOR THOSE WITH NEURO/MENTAL/SUBSTANCE ABUSE DISORDERS

W.J. Koroshetz (USA)

09:00 - 10:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT8D: NEUROMUSCULAR DISEASES

Chairs: M. Chokri (Tunisia)
M. Al Jumah (Saudi Arabia)

NEUROMUSCULAR DISEASE – NEW THERAPIES

09:00 INFECTIOUS NEUROPATHIES

A.E. Ahmed (Sudan)

09:30 SPINAL MUSCULAR ATROPHY

M. Chokri (Tunisia)

10:00 FAMILIAL AMYLOID POLYNEUROPATHY

V. Planté-Bordeneuve (France)

09:00 - 10:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: TOPICS: T20A: NEURO-OTOLOGY

Chairs: K.P. Weber (Switzerland)
A. Shaikh (USA)

VESTIBULAR FUNCTION AND DISORDERS OF THE BRAINSTEM AND CEREBELLUM

09:00 DISSECTING PERIPHERAL VESTIBULAR DISEASE PATTERNS WITH MODERN DIAGNOSTICS

K. Weber (Switzerland)

09:30 VESTIBULAR DISORDERS IN CEREBELLAR AND BRAINSTEM STROKES

J.S. Kim (Republic of Korea)

10:00 VESTIBULAR DISORDERS IN ROLL PLANE FROM BRAINSTEM TO CORTEX

M. Dieterich (Germany)

09:00 - 10:30

SHEIKH MAKTOUM B

SCIENTIFIC SESSION: TOPICS: T21: HISTORY OF NEUROLOGY: NEUROSCIENCES IN MEDIEVAL ARAB MEDICINE

Chairs: C. Hicham (Morocco)
S. Al-Rukn (United Arab Emirates)

09:00 PAIN AND NEUROLOGY IN AVICENNA'S WORK

O. Tashani (United Kingdom)

09:30 ARAB AND THE GLORY OF MEDIEVAL ERA IN MEDICINE

S. Al-Rukn (United Arab Emirates)

10:00 NEUROLOGY IN THE TAYSSIR OF IBN ZUHR

C. Hicham (Morocco)

09:00 - 10:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T22A: PALLIATIVE CARE

Chairs: D. Oliver (United Kingdom)
J. Miyasaki (Canada)

SESSION 1 – PALLIATIVE CARE IN NEUROLOGY – DEVELOPMENTS OF COLLABORATION

09:00 PALLIATIVE CARE IN NEUROLOGY – COLLABORATION

D. Oliver (United Kingdom)

09:30 PALLIATIVE CARE AND MOVEMENT DISORDERS

J. Miyasaki (Canada)

10:00 THE ROLE OF PALLIATIVE CARE IN STROKE

P. Eastman (Australia)

09:00 - 10:30

SHEIKH MAKTOUM D

SCIENTIFIC SESSION: TOPICS: T23A: PRIONS AND NEURODEGENERATIVE DISEASES

Chairs: H. Mizusawa (Japan)
S. Mead (United Kingdom)

PRION-LIKE MECHANISMS IN NEURODEGENERATIVE DISEASES

09:00 IATROGENIC ABETA TRANSMISSION

H. Mizusawa (Japan)

09:30 ALPHA-SYNUCLEIN – CAN IT FORM PRIONS?

M. Hasegawa (Japan)

10:00 PRION-LIKE BEHAVIOUR OF TAU PROTEIN

M. Goedert (United Kingdom)

09:00 - 10:30

SHEIKH RASHID A

TEACHING COURSE: TC24: NEUROIMAGING

Chairs: M. Filippi (Italy)
J. Masdeu (USA)

09:00 DIAGNOSIS OF MS

M. Filippi (Italy)

09:22 IMAGING OF STROKE: HIGHLIGHTS

S. Warach (USA)

09:45 CONTRIBUTION OF MRI FOR EARLY DIAGNOSIS OF DEMENTIA

F. Agosta (Italy)

10:07 MOLECULAR IMAGING FOR DIFFERENTIAL DEMENTIA DIAGNOSIS

J. Masdeu (USA)

11:00 - 12:30

SHEIKH RASHID B

TEACHING COURSE: TC25: AUTOIMMUNE NEUROLOGIC DISORDERS: IMMUNE MEDIATED DISORDERS OF THE CNS: PHENOTYPES, TREATMENT AND PATHOPHYSIOLOGY

Chairs: S. Pittock (USA)
S. Irani (United Kingdom)

11:00 THE AUTOANTIBODY- MEDIATED BRAIN DISEASES

S. Irani (United Kingdom)

11:30 AUTOIMMUNE SPINAL CORD DISORDERS

S. Pittock (USA)

12:00 THE STIFF PEOPLE SYNDROMES AND THEIR PATHOPHYSIOLOGY

C. Sommer (Germany)

09:00 - 10:30

ABU DHABI A

TEACHING COURSE: TC26: CHILD NEUROLOGY: PRACTICAL APPROACHES TO DIAGNOSIS OF CHALLENGING PROBLEMS IN CHILD NEUROLOGY

Chairs: I. Tein (Canada)
R. Dale (Australia)

09:00 OVERVIEW AND CLINICAL APPROACH TO CONGENITAL MYOPATHIES

H. Topaloglu (Turkey)

09:30 APPROACH TO MUSCLE CRAMPS, EXERCISE INTOLERANCE AND RECURRENT MYOGLOBINURIA

I. Tein (Canada)

10:00 APPROACH TO THE CHILD WITH ACQUIRED DEMYELINATING DISORDERS

R. Dale (Australia)

09:00 - 10:30

ABU DHABI B

SCIENTIFIC SESSION: TOPICS: T23: DEMENTIAS ACROSS DIFFERENT POPULATIONS, CULTURE AND LANGUAGES

Chairs: G. Logroscino (Italy)
T. Bak (United Kingdom)

09:00 THE SEARCH FOR DIFFERENT PATTERN OF DEMENTIAS IN LARGE GEOGRAPHIC AREAS AROUND THE WORLD.

G. Logroscino (Italy)

09:30 ASSESSMENT OF COGNITIVE DISORDERS IN THE ARABIC LANGUAGE

M. Benabdeljlil (Morocco)

10:00 NEUROPSYCHOLOGICAL AND FUNCTIONAL ASSESSMENT ACROSS DIFFERENT CULTURES AND CONTINENTS

T. Bak (United Kingdom)

09:00 - 10:30

DUBAI C

FREE PAPERS 20 - MISCELLANEOUS 1

Chairs: A. Shereef (Saudi Arabia)
J. Inshasi (United Arab Emirates)

09:00 NEUROLOGY RESIDENTS VERSUS A MOBILE MEDICAL APPLICATION IN DEDUCING DIFFERENTIAL DIAGNOSES IN MOVEMENT DISORDERS: A MULTI-CENTER, CROSS-SECTIONAL, OBSERVATIONAL STUDY

V. Vishnu, P.W. Vinny, R. Rajan, V. Goyal, P. Srivastava, V. Lal, P. Sylaja, L. Narasimhan, S.N. Dwivedi, P.P. Nair, D. Ramachandran, A. Gupta (India)

09:10 IDIOPATHIC SUDDEN SENSORINEURAL HEARING LOSS: LABYRINTHITIS OR ISCHEMIA? CONSIDERATION BASED ON VHIT AND CVEMP

T. Murofushi, M. Tsubota, S. Daiji (Japan)

09:20 CEREBRAL HEMODYNAMICS IN PATIENTS WITH EXTRACRANIAL INTERNAL CAROTID ARTERY DISEASE

G. Oidovdorj, L. Natsagdorj, B. Dagvajantsan, S. Jambal (Mongolia)

09:30 RETRIEVABLE STENT THROMBECTOMY IN ACUTE ISCHEMIC STROKE: IS IT BENEFICIAL IN THE ELDERLY?

F. Perren, O. Kargiotis, A. Terruzzi, D. Krieger, G. Tsvigoulis, V. Mendes Pereira (Switzerland)

09:40 TELENEUROLOGY FROM 2014 TO 2019 IN FRANCE: RESULTS FROM A NATIONAL MANDATORY HOSPITAL SURVEY CONDUCTED BY THE MINISTRY OF HEALTH

R. Ohannessian, S. Deltour, E. Medeiros de Bustos, T. Moulin (France)

09:50 PATIENTS WITH FIBROMYALGIA DISPLAY TWO DIFFERENT CLINICAL PROFILES BASED ON THEIR GABAERGIC EEG MARKERS: PRELIMINARY RESULTS

C. Mancini, C. Wicht, M. Mouthon, S. Goetz, J. Chabwine (Switzerland)

10:00 AN EVALUATION OF THE TREATMENT AND PROGNOSIS OF PATIENTS WITH IDIOPATHIC INTRACRANIAL HYPERTENSION AT THE NATIONAL INSTITUTE OF NEUROLOGY AND NEUROSURGERY, MEXICO 383

A. Leyva-Rendón, K.M. Castro Gutiérrez, D.G. Zuñiga (Mexico)

10:10 EFFICIENCY AND EFFECTIVENESS OF COMBINED CELL THERAPY IN PREVIOUSLY CHRONIC AND COMPLETE SPINAL CORD INJURY SUBJECTS

M.T. Moviglia Brandolino, G.A. Moviglia, S. Picone, D. Couto (Argentina)

10:20 NEUROPHYSIOLOGICAL CHARACTERISTICS OF VESTIBULAR MIGRAINE, MENIERE'S DISEASE AND VESTIBULAR MIGRAINE/MENIERE'S DISEASE OVERLAPPING SYNDROME

T. Murofushi, M. Tsubota, D. Suzuki, R. Suizu (Japan)

10:30 - 11:00

EXHIBITION AREA

COFFEE BREAK

11:00 - 12:30

SHEIKH RASHID E

SCIENTIFIC SESSION: MT (MAIN TOPICS): MT7D: HEADACHE AND PAIN

Chairs: N. Attal (France)
D. Bennett (United Kingdom)

NEUROPATHIC PAIN: UPDATE ON PATHOPHYSIOLOGY, DIAGNOSTICS AND TREATMENT

11:00 WHAT MAKES A NEUROPATHY PAINFUL?

C. Sommer (Germany)

11:25 GENETIC CAUSES OF PAIN

D. Bennett (United Kingdom)

11:50 THE ROLE OF CORNEAL CONFOCAL MICROSCOPY IN THE DIAGNOSIS OF NEUROPATHIC PAIN

R. Malik (Qatar)

12:05 TREATMENT OF NEUROPATHIC PAIN: AN UPDATE

N. Attal (France)

11:00 - 12:30

SHEIKH MAKTOUM A

SCIENTIFIC SESSION: TOPICS: T2OB: NEURO-OTOLOGY

Chairs: C. Lopez (France)
M. Dieterich (Germany)

VESTIBULAR FUNCTION AND DISORDERS OF THE CORTEX

11:00 CORTICAL CONTROL AND DISORDERS OF EYE MOVEMENTS

A. Shaikh (USA)

11:30 THE VESTIBULAR SYSTEM AND BODY SCHEMA

C. Lopez (France)

12:00 PERCEPTION OF SELF-MOTION AND ITS DISTURBANCE

K. Cullen (USA)

11:00 - 12:30

SHEIKH MAKTOUM C

SCIENTIFIC SESSION: TOPICS: T22B: PALLIATIVE CARE

Chairs: D. Oliver (United Kingdom)

J. Miyasaki (Canada)

SESSION 2 – ETHICAL AND CULTURAL ASPECTS OF PALLIATIVE CARE

11:00 CULTURAL ASPECTS OF CARE

O. Shamieh (Jordan)

11:30 ETHICAL ASPECTS OF CARE – WITHDRAWAL OF TREATMENT AT THE END OF LIFE

I. Baker (United Kingdom)

12:00 END OF LIFE DECISION MAKING - ADVANCE CARE PLANNING / REQUESTS FOR HASTENED DEATH

S. Payne (United Kingdom)

11:00 - 12:30

SHEIKH MAKTOUM D

SCIENTIFIC SESSION: TOPICS: T23B: PRIONS AND NEURODEGENERATIVE DISEASES

Chairs: S. Mead (United Kingdom)

H. Mizusawa (Japan)

PRION DISEASES AND ITS TREATMENT

11:00 ABNORMAL PRION PROTEINS

O. Andreoletti (France)

11:30 PRION DISEASES AND POSSIBLE TREATMENTS

S. Mead (United Kingdom)

12:00 A NEW EMERGING PRION DISEASE IN CAMELS – WHAT WE KNOW?

G. Vaccari (Italy)

09:00 - 10:30

SHEIKH RASHID B

TEACHING COURSE: TC25: AUTOIMMUNE NEUROLOGIC DISORDERS: ASPECTS OF AUTOIMMUNE NEUROLOGICAL DISEASES

Chairs: S. Pittock (USA)
S. Irani (United Kingdom)

09:00 AUTOIMMUNE MOVEMENT DISORDERS

R. Dale (Australia)

09:30 THE RATIONALE USE OF IMMUNOTHERAPIES IN CHILDREN

E. Wirrell (USA)

10:00 CEREBRAL NERVOUS SYSTEM VASCULITIS

H. El Otmani (Morocco)

11:00 - 12:30

ABU DHABI A

TEACHING COURSE: TC26: CHILD NEUROLOGY: PRACTICAL APPROACHES TO CHALLENGES IN CHILDHOOD EPILEPSY AND NEUROINFECTIONS

Chairs: J. Wilmshurst (South Africa)
H. Cross (United Kingdom)

11:00 APPROACH FOR INVESTIGATION OF INFANTS WITH SEIZURES AND EPILEPTIC ENCEPHALOPATHY

E. Wirrell (USA)

11:30 NEW ILAE RECOMMENDATIONS FOR CLASSIFICATION OF SEIZURES

H. Cross (United Kingdom)

12:00 SSPE – MARKERS FOR EARLY RECOGNITION AND INTERVENTION

J. Wilmshurst (South Africa)

11:00 - 12:30

ABU DHABI B

FREE PAPERS 21 - NEUROREHABILITATION

Chairs: D. Muresanu (Romania)

C. Pistarini (Italy)

11:00 A NEW DEVELOPED NON-INVASIVE CORTICAL STIMULATION ON MIRROR NEURONS IN CHILDREN WITH AUTISM SPECTRUM DISORDERSH. Hadoush, M. Nazzal, N. A. Almasri, H. Khalil, M. Alafeef (Jordan)**11:10 TARGETED DELIVERY OF ERYTHROPOIETIN COMBINED WITH NANOPARTICLES UNDER MAGNETIC GUIDANCE**C.H. Hwang, C.T. Nguyen, C.R. Kim, S.A. Mun, T.H. Le, K.I. Koo (Republic of Korea)**11:20 FACIAL SYNKINESIS IN PATIENTS WITH LONG-STANDING BELL'S PALSYS IS A REVERSIBLE CONSEQUENCE OF DISRUPTION OF RECIPROCAL INHIBITION CAUSED BY PROLONGED ABSENCE OF PROPRIOCEPTIVE FEEDBACK**A. Pashov, O. Pashova (The Netherlands)**11:30 VIRTUAL REALITY BASED NEURO-REHABILITATION IN ACUTE STROKE: A PROSPECTIVE COHORT STUDY OF ITS EFFECTIVENESS FOR UPPER LIMB MOTOR RECOVERY**M. Thakre, C. Sankhala, P. Vengurlekar, G. Garipelli (India)**11:40 BOS-TECHNOLOGIES OF REHABILITATION IN PATIENTS WITH PARKINSONISM**Y. Bykov, T. Bender (Russia)**11:50 THE RELATIONSHIP OF THE OCCUPATIONAL CIRCUMSTANCES AND COMMUNITY INTEGRATION IN SCHIZOPHRENIA**G. Akyurek, H. Isik, G. Bumin (Turkey)**12:00 REFLECTIONS OF MIRROR THERAPY ON THE FUNCTIONAL RECOVERY AFTER STROKE**M. Mandeep, D. Khurana (India)**12:10 ROLE OF BOTULINUM TOXIN A IN CEREBRAL PALSYS – 15 YRS EXPERIENCE**P.A.M. Kunju, R. ismail, M. Sreedharan, M. Iype (India)**12:20 REHABILITATION ISSUES IN STROKE PATIENTS : ASIAN PERSPECTIVES**S. Pramod, B. Patidar (India)

11:00 - 12:30

DUBAI C

FREE PAPERS 22 - MISCELLANEOUS 2

Chairs: C. Meshram (India)

C. Kennard (United Kingdom)

11:00 ALEXITHYMIA AND EMOTIONAL AWARENESS ARE NEGATIVELY ASSOCIATED WITH SLEEP PARAMETERS IN PATIENTS WITH MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME – AN EXPLORATORY STUDY

I. Bileviciute-Ljungar, D. Maroti, D. Friberg (Sweden)

11:10 EPIDEMIOLOGY OF LOW BACK PAIN

I. Vyshlova, S. Karpov, A. Bairamkulova (Russia)

11:20 GLAUCOMA AND CEREBRAL BLOOD FLOW AUTOREGULATION: PILOT STUDY

Y. Hamarat, V. Petkus, M. Deimantavicius, L. Bartusis, V. Putnynaite, P. Lucinskas, A. Daveckaite, L. Siaudvytyte, E. Maciulaityte, I. Januleviciene, A. Harris, A. Ragauskas (Lithuania)

11:30 STRESS-LOAD AND IT'S CORRELATION WITH INFECTIONS IN PATIENTS WITH MYALGIC ENCEPHALOMYELITIS/CHRONIC FATIGUE SYNDROME

I. Bileviciute-Ljungar (Sweden)

11:40 NEUROLOGICAL MANIFESTATIONS OF DENGUE FEVER: DATA FROM A TERTIARY CARE MEDICAL COLLEGE IN KERALA.

P.A.M. Kunju, A. Jain R (India)

11:50 ASSOCIATION OF IDH1 MUTATION WITH SURVIVAL OF GLIOMA PATIENTS IN INDONESIA

R.G. Malueka, E.K. Dwianingsih, H.F. Bayuangga, I.W. Argo, A.D. Donurizki, S. Shaleh, A.S. Wicaksono, K. Dananjoyo, A. Asmedi, R.A. Hartanto (Indonesia)

12:00 SUBJECTIVE AND OBJECTIVE NEUROLOGICAL FINDINGS INDUCED BY LOW-DOSE ARSENIC CONTAMINATED DRINKING WATER IN MYANMAR

H. Mochizuki, K.P. Phyu, M.N. Aung, P.W. Zin, Y. Yano, M.Z. Myint, W.M. Thit, Y. Yamamoto, Y. Hishikawa, K.Z. Thant, M. Maruyama, Y. Kuroda (Japan)

12:10 ETHICAL ISSUES IN PHASE I TRIALS OF NEUROLOGICAL DISORDERS: AN EXAMINATION OF THE NEURALSTEM ALS PHASE I TRIAL

M. Yarborough, N.C. Joyce (USA)

12:20 TREATMENT PATTERNS AND OUTCOME IN CEREBRAL VENOUS SINUS THROMBOSIS (CSVT)

S.P. Gorthi, N. Ashwini, M. Thumbi, P. Varsha (India)

12:30 - 12:45

SHORT BREAK

13:00 - 14:00

SHEIKH MAKTOUM A

TOURNAMENT OF THE MINDS: FINAL

Chairs: R. Stark (Australia)
N. Davies (United Kingdom)
F. Belahsen (Morocco)

14:00 - 14:30

SHEIKH MAKTOUM A

CLOSING CEREMONY

14:00 ELSEVIER AWARDS: - BILL CARROLL (WFN PRESIDENT) AND PETER BAKKER (ELSEVIER)

14:05 ANGELA VINCENT YOUNG INVESTIGATOR AWARD – BILL CARROLL (WFN PRESIDENT) AND STEVEN LEWIS (EDUCATION COMMITTEE CHAIR)

14:10 MUNSAT AWARD PRESENTATION – BILL CARROLL (WFN PRESIDENT) AND WOLFGANG GRISOLD (WFN SECRETARY GENERAL)

14:15 LOCAL CLOSING REMARKS AND HAND-OVER TO WCN 2021 PRESIDENT – SUHAIL AL RUKHN (2019 CONGRESS PRESIDENT)

14:20 WCN 2021 INTRODUCTION



ACCELERATING THE PACE OF CHANGE

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WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
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WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019





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INDUSTRY SYMPOSIA

SUNDAY, OCTOBER 27 2019

NMOSD AND MS: TIME TO SHIFT OUR FOCUS

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CHAIR: **Bassem Yamout**, Lebanon

SUNDAY, OCTOBER 27 | 13:00 - 14:30 | SHEIKH RASHID A

- | | |
|-------------|--|
| 13:00-13:05 | Welcome and Introduction
Bassem Yamout, Lebanon |
| 13:05-13:35 | NMOSD : A journey from pathogenesis to diagnosis
Brian Weinschenker, USA |
| 13:35-13:55 | Disease progression : Changing how we think about MS
Xavier Montalban, Canada |
| 13:55-14:20 | Ocrelizumab : Growing evidence from clinical trials on longer term outcomes
Bassem Yamout, Lebanon |
| 14:20-14:30 | Q&A and closing remarks
All faculty |

SUNDAY, OCTOBER 27 2019

**CHALLENGING OUR UNDERSTANDING OF THE MS SPECTRUM:
AN EXPERT PANEL DISCUSSION**

SYMPOSIUM IS ORGANIZED AND SUPPORTED BY  **NOVARTIS**

CHAIR: **Jihad Inshasi**, United Arab Emirates

SUNDAY, OCTOBER 27 | 13:00 - 14:30 | SHEIKH RASHID B

- 13:00-13:15** **Chair's opening and welcome**
Jihad Inshasi, United Arab Emirates
- 13:15-13:35** **A perspective change: reframing progression in MS**
Raed Alroughani, Kuwait
- 13:35-13:55** **Signal to noise: how do we better detect the transition to SPMS?**
Magd Zakaria, Egypt
- 13:55-14:15** **How we should slow down disease progression & to EXPAND possibilities**
Sven Schippling, Switzerland
- 14:15-14:30** **Q&A and closing remarks**
All faculty

MONDAY, OCTOBER 28 2019

THE EVOLVING MANAGEMENT OF PATIENTS WITH EARLY AND LATER-ONSET SMA

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CHAIR: **Waseem Fathalah**, UAE

MONDAY, OCTOBER 28 | 13:00 - 14:30 | SHEIKH RASHID A

- 13:00–13:05** **Welcome and introduction**
Waseem Fathalah, UAE
- 13:05–13:20** **Recognizing the patient with SMA**
Eugenio Mercuri, Italy
- 13:20–13:40** **Experience of managing patients with early and later-onset SMA with nusinersen**
Francesco Muntoni, United Kingdom
- 13:40–14:00** **Managing the adult patient with SMA: setting treatment expectations in the real world**
Albert Ludolph, Germany
- 14:00–14:20** **Real-world experience of managing SMA in the UAE: practical experience and challenges**
Waseem Fathalah, UAE
- 14:20–14:30** **Discussion and Q&A**
All faculty

TUESDAY, OCTOBER 29 2019

**GENE THERAPY FOR SPINAL MUSCULAR ATROPHY:
TRANSLATING RESEARCH INTO REALITY**

SYMPOSIUM IS ORGANIZED AND SUPPORTED BY



CHAIR: **Abdulaziz Saeid Al-Saman**, Saudi Arabia

TUESDAY, OCTOBER 29 | 13:00-14:30 | SHEIKH RASHID A

- 13:00-13:10** **Welcome and introduction**
Abdulaziz Saeid Al-Saman, Saudi Arabia
- 13:10-13:25** **Overview of spinal muscular atrophy (SMA) clinical course**
Fouad Al-Ghamdi, Saudi Arabia
- 13:25-13:55** **Delivering cutting-edge gene therapy for SMA**
Samiah Al-Zaidy, USA
- 13:55-14:15** **Practical aspects of gene therapy including biosafety**
Daniel Gibbs, USA
- 14:15-14:25** **Panel discussion**
All Speakers
- 14:25-14:30** **Symposium close**
Abdulaziz Saeid Al-Saman, Saudi Arabia

WEDNESDAY, OCTOBER 30 2019

GETTING AHEAD OF MIGRAINE: A CASE BASED APPROACH

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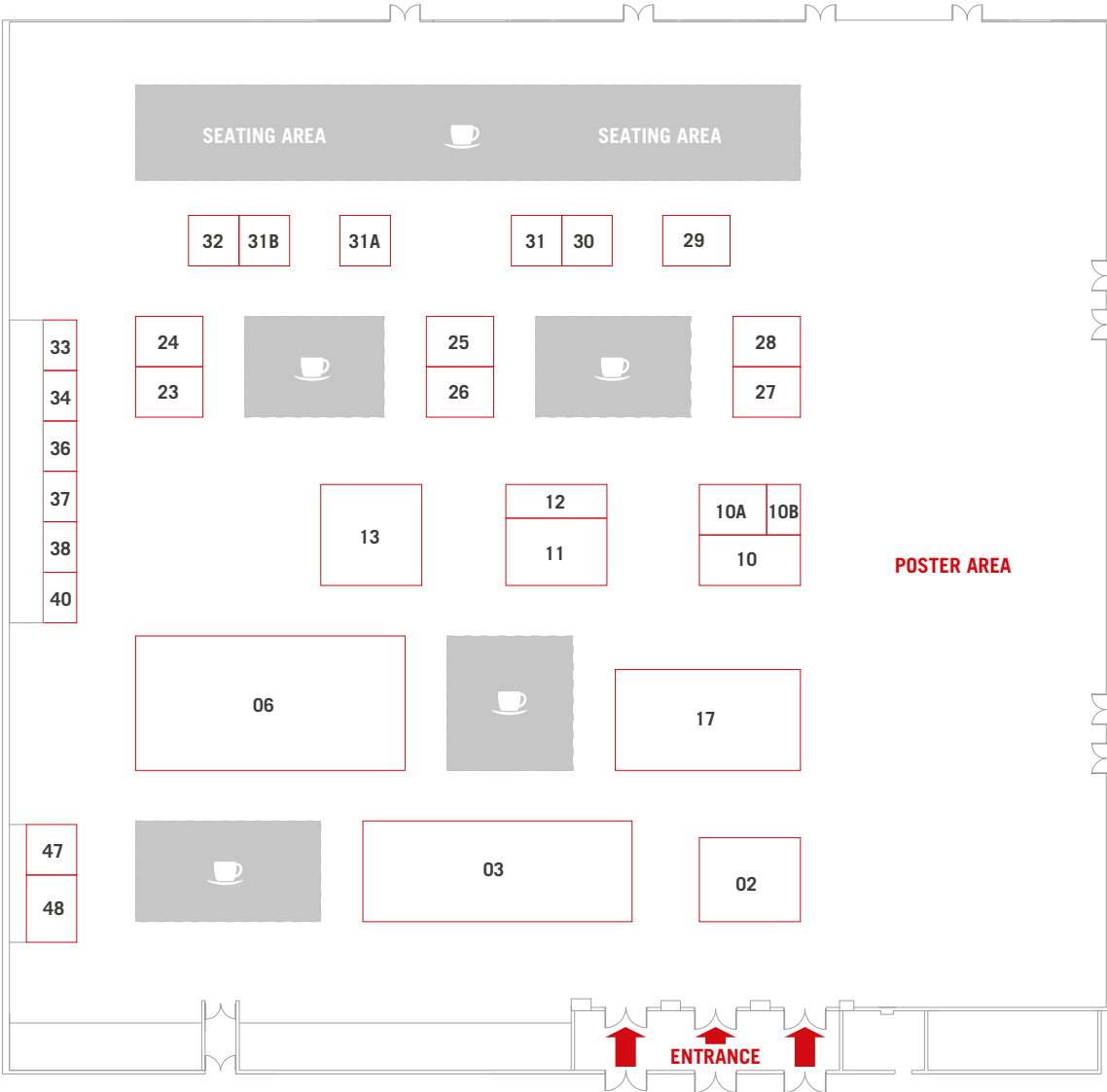


CHAIR: **Uwe Reuter**, Germany

WEDNESDAY, OCTOBER 30 | 13:00 - 14:30 | SHEIKH MAKTOUM D

- 13:00 – 13:05** **Chairperson Welcome and Introductions**
Uwe Reuter, Germany
- 13:05 – 13:25** **If “Not Now”.....When? Consequences of Not Treating Migraine**
Patricia Pozo-Rosich, Spain
- 13:25 – 13:55** **Why Preventive Treatment? Getting Ahead of Migraine with Galcanezumab**
Uwe Reuter, Germany
- 13:55 – 14:15** **Where to Begin? Clinical Approach (case learning)**
Rima Dafer, United States
- 14:15 – 14:30** **Panel Discussion, Questions and Answers**
All faculty

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USA
Booth #: 02
<https://www.avexis.com>



AveXis is a clinical-stage gene therapy company relentlessly focused on bringing gene therapy out of the lab and into the clinical setting for patients and families devastated by rare and life-threatening neurological genetic diseases.

BESA GMBH

Freihamer Str. 18
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Via Pietro Fanfani 97/a
 Florence
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 Italy
 Booth #: 34
<http://ebneuro.com>



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EHF 2020

14th European Headache Federation Congress
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 Maritim Hotel Berlin
 Stauffenbergstrasse 26
 10785 Berlin
 Germany
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www.ehf2020.com



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Dubai
111704
United Arab Emirates
Booth #: 12
<http://emins.ae/>



Emirates Neurological Society (EMINS) is largest neurology organisation in United Arab Emirates. Founded in 2004, EMINS is dedicated to promoting the highest quality patient-centered care and improve the neurology management in the MENA region. EMINS regularly hosts regional and international conferences and in the coming year, we have the privilege to organise the WCN congress.

EMS HANDELSGES.M.B.H.

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2100
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Booth #: 36
<http://www.emsbiomed.com>



EMS Biomed manufacture world leading solutions in the field of Neurophysiology: Routine EEG, LTM EEG, Ambulatory EEG, NCS/NCV, EMG, EP, ERP, PSG, IOM stand alone, network and cloud based technology. Based in Austria and with over 50 Distributors we are active in 116 countries worldwide with an installed base in over 90 countries. Our Sienna Ultimate EEG/PSG Amplifier offers world leading performance with LAN, WiFi and inbuilt storage providing 72hr+ ambulatory monitoring. Our Surpass range offers superb advanced NCV/EMG performance at exceptional value. Networked Amplifier, Portable (laptop) or cart/trolley All-in-one PC, wall mounted and roll stand based systems all available.

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P.O.Box 50199
United Arab Emirates
Booth #: 10A
<https://www.gsk.com/>



GSK – one of the world's leading research-based pharmaceutical and healthcare companies – is committed to improving the quality of human life by enabling people to do more, feel better and live longer. With a proven track record for providing medicines, vaccines and consumer products, the company has a long-standing innovation history of over 300 years and its presence in the Gulf Cooperation Council (GCC) has been expanding for the last 70 years – providing greater access and innovation to people in the region ever since. For further information please visit www.gsk.com

IMPETO MEDICAL

17 RUE CAMPAGNE PREMIERE
PARIS
75014
France
Booth #: 40



<https://www.impeto-medical.com/>

Impeto Medical is a French company created in 2005, which develops and markets in more than 35 countries SUDOSCAN, an innovative medical device allowing the detection and follow-up of autonomic peripheral neuropathy (small fiber neuropathy). SUDOSCAN is a rapid diagnostic test, only three minutes, simple, non-invasive and quantitative. This technology has been compared to reference techniques such as biopsy and tested in indications like amyloidosis, diabetes and neuropathy induced by chemotherapy. SUDOSCAN is also included in several international therapeutic guidelines.

LILLY

Lilly Corporate Center
Indianapolis
46285
USA
Booth #: 03



<https://www.lilly.com/>

Lilly is a global healthcare leader that unites caring with discovery to make life better for people around the world. We were founded in 1876 by a man committed to creating high-quality medicines that meet real needs, and today we remain true to that mission. To learn more, visit www.lilly.com.

MAYO CLINIC LABORATORIES

3050 Superior Drive NW
Rochester
55901
USA
Booth #: 47



<http://www.mayocliniclabs.com>

Mayo Clinic Laboratories partners with health care organizations around the globe to help answer the most complex questions facing patients. With the most sophisticated test menu in the world, laboratory diagnostic testing and pathology services from Mayo Clinic span every medical subspecialty. We are committed to putting the needs of all patients first by focusing on providing clinically relevant answers, not just test results.

MERCK SERONO AUSTRALIA

Unit 3-4, 25 Frenchs Forest Road
Frenchs Forest
2086
Australia



<https://www.merck.com.au>

Merck, the vibrant science and technology company, operates across healthcare, life science and performance materials. Almost 53,000 employees work to make a positive difference to millions of people's lives every day by creating more joyful and sustainable ways to live. From advancing gene editing technologies and discovering unique ways to treat the most challenging diseases to enabling the intelligence of devices – Merck is everywhere.

MICROMED

via Giotto, 2
Mogliano Veneto
31021
Italy
Booth #: 38

<http://www.micromed.eu>

Founded in 1982, Micromed is a medical device company delivering solutions in Neurophysiology worldwide. Partnering with hospitals, sleep labs and research centers on a global scale, Micromed manufactures and markets high quality and clinically relevant neurodiagnostic solutions for use on adult and pediatric patients. The Micromed product portfolio ranges from Routine, Ambulatory and Video EEG to ECoG, SEEG, PSG, EP and EMG for clinical and research applications in addition to a full line of accessories.



MOLEAC PTE LTD

Helios #09-08, 11 Biopolis Way
Singapore
138667
Singapore
Booth #: 10

<http://www.moleac.com/>

Founded in 2003, Moleac is dedicated to developing innovative and high quality therapeutics in Neurology to supplement existing treatments for conditions where significant unmet needs remain. Its product NeuroAiD™ is a neurorestorative product that safely enhances recovery among patients who suffered a stroke or other brain injuries in the post-acute phase by amplifying the brain's repair processes. NeuroAiD is a natural product made of several plant extracts selected for their pharmacological effects, clinical efficacy and safety. The product is distributed in over 30 countries today and aims to be available to the greatest number of people in need of solutions.



NATUS MEDICAL INCORPORATED

3150 Pleasant view road
Middleton
53562
USA
Booth #: 48

<https://natus.com/>

Natus Medical Incorporated Solutions that span the spectrum of neuro care. Natus is global market leader that provides diagnostic, therapeutic and surgical solutions in neurodiagnostics, neurocritical care and neurosurgery. Natus delivers clinician-led solutions that improve outcomes and enhance care for neuro patients through leading-edge equipment, service, education and supplies.



NEUROSOFT

5, Voronin str
Ivanovo
153032
Russia
Booth #: 30



<https://neurosoft.com/en/>

Development and manufacture of digital equipment for neurophysiological studies: neurophysiological systems for EEG and EP "Neuron-Spectrum"; neurophysiological systems for EMG and EP "Neuro-MEP"; series of transcranial magnetic stimulators for diagnostic, therapeutic and research purpose "Neuro-MS"; ABR, VEMP, MLR, LLR and OAE systems "Neuro-Audio"; systems for ERG and visual EP study "Neuro-ERG". The manufacture's quality management system is certified according to DIN EN ISO 9001:2008 and DIN EN ISO 13485:2007 International standard requirements. All the equipment has CE certificate and a two-year warranty. All the users gain a lifelong right to update the software which is always available on the Internet.

NIHON KOHDEN CORPORATION

1-31-4, Nishi Ochiai, Shinjuku-ku
Tokyo
161-8560
Japan
Booth #: 26



<https://www.nihonkohden.com/>

Since our foundation in 1951, our mission is to improve the quality of life with advanced technology. As a leading manufacturer of medical electronic equipment, Nihon Kohden provided a number of state of the art medical electronic equipment for clinical practice in the world. Our major product lines are patient monitors, electroencephalographs, evoked potential and electromyograph systems, electrocardiographs, defibrillators, and hematology analyzers. Nihon Kohden equipment is well known for its quality and ease of use. Our mission is to improve the quality of life by fighting disease and improving health with advanced medical technology.

NOVARTIS MIDDLE EAST FZE

Jumeirah Village Triangle, Limitless Building
Dubai
23510
United Arab Emirates
Booth #: 06



<https://www.novartis.com>

Novartis is reimagining medicine to improve and extend people's lives. As a leading global medicines company, we use innovative science and digital technologies to create transformative treatments in areas of great medical need. In our quest to find new medicines, we consistently rank among the world's top companies investing in research and development. Novartis products reach more than 750 million people globally and we are finding innovative ways to expand access to our latest treatments. About 105 000 people of more than 140 nationalities work at Novartis around the world. Find out more at www.novartis.com

PTC THERAPEUTICS GENE THERAPY, INC

100 Corporate Court
SOUTH PLAINFIELD
NJ 07080
USA

Booth #: 25

<https://www.ptcbio.com/>

PTC is a science-led, global biopharmaceutical company focused on the discovery, development and commercialization of clinically-differentiated medicines that provide benefits to patients with rare disorders. PTC's ability to globally commercialize products is the foundation that drives investment in a robust pipeline of transformative medicines and our mission to provide access to best-in-class treatments for patients who have an unmet medical need.



RICOH COMPANY, LTD.

3-2-3 Shin-yokohama, Kohoku-ku, Yokohama, Kanagawa, Japan
Yokohama
2228530

Japan

Booth #: 31A

<https://www.ricoh.com/>

Ricoh Company, Ltd. is a Japanese multinational company, producing electronic products, cameras and office equipment. In 2016, Ricoh acquired Yokogawa Inc. MEG, which launched Ricoh into the field of medical device industry. Ricoh is focusing on Epilepsy for clinical use and research as well, providing the MEG with its excellent axial gradiometers for deep brain explore and a user-friendly interface for lightening the diagnosis tasks. We always care for patients' quality of life, doctors, nurses, and all for those who work for medical industry. Furthermore, Ricoh is researching a neuromagnetic field measurement system using the same operating principle as MEG.



ROCHE PHARMACEUTICALS MIDDLE EAST FZCO

PO BOX 27309 Galleries Building 4 Level 5
Dubai
27309

United Arab Emirates

Booth #: 17

<https://www.roche.com/>

Roche is a global pioneer in pharmaceuticals and diagnostics focused on advancing science to improve people's lives. The combined strengths of pharmaceuticals and diagnostics under one roof have made Roche the leader in personalised healthcare – a strategy that aims to fit the right treatment to each patient in the best way possible. Roche is the world's largest biotech company, with truly differentiated medicines in oncology, immunology, infectious diseases, ophthalmology and diseases of the central nervous system. Founded in 1896, Roche continues to search for better ways to prevent, diagnose and treat diseases and make a sustainable contribution to society.



SANOFI

Rep Office at JLT
Dubai
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United Arab Emirates
Booth #: 24



<https://www.sanofigenzyme.com/>

We are a global biopharmaceutical company focused on human health. We prevent illness with vaccines, provide innovative treatments to fight pain and ease suffering. We stand by the few who suffer from rare diseases and the millions with long-term chronic conditions. At Sanofi, we are committed to being partner of the multiple sclerosis community and have been working for over a decade on the development of treatments for multiple sclerosis. We continue to focus our research efforts in areas such as early-stage research programs that focus on preventing and repairing the damage to the nervous system caused by multiple sclerosis

TEVA PHARMACEUTICAL INDUSTRIES LTD.

5 Basel St.
Petach Tikva
49131
Israel



<https://www.tevapharm.com>

Teva Pharmaceutical Industries Ltd. has been developing and producing medicines to improve people's lives for more than a century. We are a global leader in generic and specialty medicines with a portfolio consisting of over 3,500 products in nearly every therapeutic area. Around 200 million people around the world take a Teva medicine every day, and are served by one of the largest and most complex supply chains in the pharmaceutical industry. Along with our established presence in generics, we have significant innovative research and operations supporting our growing portfolio of specialty and biopharmaceutical products.

THE SEARLE COMPANY LIMITED

First Floor, NICL Building, Abbasi Shaheed Road, Karachi
Karachi
75530
Pakistan
Booth #: 28



<https://www.searlecompany.com/>

The SEARLE Company Ltd (TSCL) was incorporated in Pakistan as a Private Limited Company on October 5, 1965 as a subsidiary of G.D. Searle & Co., U.S.A. Today, Searle is one of the largest pharmaceutical companies in Pakistan having two state-of-the art manufacturing facilities in Lahore, and Karachi, Pakistan. SEARLE also has collaboration with several world recognized organizations like Grunenthal, RB, Nestle, CHR Hansen, etc. TSCL is manufacturing organization of branded generics and providing best research products in the services of mankind. Searle exports products in various parts of the world including South Asia, East Africa, South-East Asia, Europe, etc.

WCNR 2020 JOINTLY WITH SOFMER 2020

11th World Congress for Neurorehabilitation jointly with
35th Congress of the French Society of Physical and
Rehabilitation Medicine

Date: 7–10 October 2020

Cité Internationale | Centre de Congrès Lyon

50, quai Charles de Gaulle

69463 Lyon Cedex 06

France

Booth #: 10B

www.wcnr-congress.org

Neurorehabilitation as well as physical and rehabilitation medicine are fields both diverse and dynamic. Many different innovations have been established for the benefit of the patient. The WCNR together with the SOFMER keeps the important international dialogue between senior and junior physicians and therapists lively and flourishing. The congress supports continuous research as well as collaborative projects in order to avoid permanent damage and disabilities as consequences of inter alia cerebral, cardiovascular or cancer diseases, accidents and injuries, functional disorders, and improve the technical and the pharmaceutical treatments of persons with disabilities.



WOLTERS KLUWER

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Philadelphia, PA

19103

USA

Booth #: 23

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WORLD FEDERATION OF NEUROLOGY (WFN)

Chester House, Fulham Green 81-83 Fulham High Street

London

SW6 3JA

UK

Booth #: 11

<http://www.wfneurology.org>

The World Federation of Neurology (WFN) is an association of national neurological societies representing 120 professional societies in all regions of the world. The mission of the WFN is to foster quality neurology and brain health worldwide, a goal we seek to achieve by promoting global neurological education and training, with the emphasis placed firmly on under-resourced parts of the world.



**THE FIRST STEP IN PUSHING BACK
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RECOGNIZING THE CHANGES

*For some, the transition to SPMS happens sooner than expected.
Identifying the cognitive and physical signs early is crucial.^{1,2}*



*There's a spectrum of different experiences in MS,
but in patients with RRMS receiving DMTs, patients
who did transition to SPMS were, on average,*

38 YEARS OF AGE^{3*}

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and physical changes sooner, you can help keep
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DMT=disease-modifying therapy; MS=multiple sclerosis;
RRMS=relapsing-remitting MS; SPMS=secondary progressive MS.
From an observational study of 793 patients with RRMS, 593 of which had received DMTs.

References: 1. Lublin FD, Reingold SC, Cohen JA, et al. Defining the clinical course of multiple sclerosis: the 2013 revisions. *Neurology*. 2014;83(3):278-286. 2. Ziemssen T, Derfuss T, de Stefano N, et al. Optimizing treatment success in multiple sclerosis. *J Neurol*. 2016;263(6):1053-1065. 3. Bsteh G, Ehling R, Lutterotti A, et al. Long term clinical prognostic factors in relapsing-remitting multiple sclerosis: insights from a 10-year observational study. *PLoS ONE*. 2016;11(7):e0158978. doi:10.1371/journal.pone.0158978. 4. Gross HJ, Watson C. Characteristics, burden of illness, and physical functioning of patients with relapsing-remitting and secondary progressive multiple sclerosis: a cross-sectional US survey. *Neuropsychiatr Dis Treat*. 2017;13:1349-1357.

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09/2019/ SPMS/UAE-RU/M11909733700

Official symposium of the 24th World Congress of Neurology 2019,
which will be held from 27-31 October 2019, in Dubai, UAE

Getting Ahead of Migraine: A Case Based Approach



Wednesday, 30 October 2019
13:00 – 14:30

Sheikh Maktoum D
Dubai World Trade Center

LEARNING OBJECTIVES

- Increase knowledge around burden of migraine and spectrum of disability.
- Increase knowledge of what clinicians and patients can expect from preventive treatment with CGRP antibodies.
- Apply learnings from clinical case presentations to patient management in everyday practice.

AGENDA

- 13:00 – 13:05** Chairperson Welcome and Introductions
Uwe Reuter, MD, MBA (Germany)
- 13:05 – 13:25** If “Not Now”When? Consequences of Not Treating Migraine
Patricia Pozo-Rosich, MD, PhD (Spain)
- 13:25 – 13:55** Why Preventive Treatment? Getting Ahead of Migraine with Galcanezumab
Uwe Reuter, MD, MBA (Germany)
- 13:55 – 14:15** Where to Begin? Clinical Approach (case learning)
Rima Dafer, MD, MPH, FAHA (USA)
- 14:15 – 14:30** Panel Discussion, Questions and Answers
All faculty

A light lunch will be available from 12:45.

This session is not included in the main event CME/CPD credit.

“This is a personal invitation. We would like to remind you that, as signatories of the Middle East and Africa code of Pharmaceutical Practice, when sponsoring healthcare professionals to any promotional, professional or scientific event, we cannot sponsor the healthcare professional’s spouse or any other guest.”

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GENE THERAPY FOR SPINAL MUSCULAR ATROPHY: TRANSLATING RESEARCH INTO REALITY

Tuesday 29 October 2019, 13:00 – 14:30

Sheikh Rashid Hall A, Dubai World Trade Centre
Dubai, United Arab Emirates

Faculty:

Dr. Abdulaziz Saeid Al-Saman (Chair)
Dr. Fouad Al-Ghamdi
Dr. Samiah Al-Zaidy
Dr. Daniel Gibbs

This AveXis-sponsored symposium at the World Congress of Neurology (WCN) will explore the latest advances of treatment for spinal muscular atrophy (SMA) and the potential application of gene therapy (GT) in treating this neuromuscular disease in clinical practice. The clinical practicalities and considerations of GT as a real-world treatment will also be explored.

Time	Presentation Title	Speaker
13:00 – 13:10	Welcome and introduction	<i>Dr. Abdulaziz Saeid Al-Saman (Chair)</i>
13:10 – 13:25	Overview of SMA clinical course	<i>Dr. Fouad Al-Ghamdi</i>
13:25 – 13:55	Delivering cutting-edge gene therapy for SMA	<i>Dr. Samiah Al-Zaidy</i>
13:55 – 14:15	Practical aspects of GT including biosafety	<i>Dr. Daniel Gibbs</i>
14:15 – 14:25	Panel discussion	<i>All Speakers Facilitated by Chair</i>
14:25 – 14:30	Closing remarks	<i>Dr. Abdulaziz Saeid Al-Saman (Chair)</i>

This session is not included in the main event CME/CPD credit.

This meeting is sponsored and organized by AveXis.

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MED-CON-UNB-00007-AE 09/2019



In Multiple Sclerosis—

GREY MATTERS, TOO

Think White and Grey to Complete the Picture





*measured by
moments*

Everyone has a different definition of progress. PTC measures its progress in researching Duchenne muscular dystrophy. Now, we are committed to giving families living with other rare diseases more moments, whether its hours, days, months, or years. We use data and groundbreaking science in our search for progress in rare-disease treatments, of course, but also in the day-to-day lives of those affected.

PTC is a science-led, global biopharmaceutical company focused on the discovery, development and commercialization of clinically-differentiated medicines that provide benefits to patients with rare disorders. PTC's ability to globally commercialize products is the foundation that drives investment in a robust pipeline of transformative medicines and our mission to provide access to best-in-class treatments for patients who have an unmet medical need.

Based on our pioneering work that started over 20 years ago developing a treatment for Duchenne muscular dystrophy, PTC has developed several platform technologies in order to address multiple rare disorders most recently, adding 3 early and late stage programs for rare disorders, including:

- Aromatic L-Amino Acid Decarboxylase (AADC) Deficiency
- Friedreich Ataxia
- Angelman Syndrome

To learn more about PTC, follow us on Facebook, on Twitter at @PTCBio, and on LinkedIn.

Come visit our booth to find out more.

There are no registered PTC products in UAE, if you would like to learn more please contact Medinfo at MedInfo@PTCbio.com



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WCN 2019

XXIV WORLD CONGRESS OF NEUROLOGY
DUBAI, UNITED ARAB EMIRATES, OCTOBER 27-31 2019

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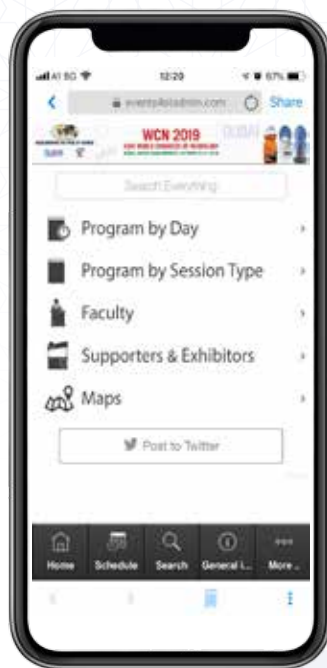
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