



| SATURDAY 7 SEPTEMBER 2019 |   |  |   |   |
|---------------------------|---|--|---|---|
| 07:15                     | Industry Symposium - Eli Lilly<br>07:15 - 08:45   |  |   |   |
| 09:00                     | <p><b>One Topic Two Views 7 - What is the reason behind the higher prevalence of migraine in females than in males? Is it genetics or hormonal fluctuations that are the main factor?</b></p> <p>09:00 - 10:00<br/>Chair: B. Jenkins (Australia)<br/>09:00-09:05 - Chairman introduction<br/>09:05-09:25 - Differential expression of estrogen receptors in the trigeminovascular system male-female is the key behind higher prevalence of migraine in females (A. MacGregor, UK)<br/>09:25-09:45 - Genetic differences between male and female is the main factor responsible for the higher numbers of migraine in female vs male (D. Nyholt, Australia)<br/>09:45-10:00 - Discussion</p>  | <p><b>One Topic Two Views 8 - Is migraine a CGRP disorder?</b></p> <p>09:00 - 10:00<br/>Chair: A. Charles (USA)<br/>09:00-09:05 - Chairman introduction<br/>09:05-09:25 - CGRP pathway is integral to migraine pathophysiology (A. Russo, USA)<br/>09:25-09:45 - Migraine is not a CGRP disorder (M. Ashina, Denmark).<br/>09:45-10:00 - Discussion</p>  | <p><b>One Topic Two Views 9 - Is the migraine cortex inherently hyperresponsive: re-examining the defected habituation system</b></p> <p>09:00-10:00<br/>Chair: D. Borsook (USA)<br/>09:00-09:05 - Chairman introduction<br/>09:05-09:25 - The migraine brain is inheritably hyper-responsive (G. Coppola, Italy)<br/>09:25-09:45 - The migraine brain is not inheritably hyperexcitable (T. Sand, Norway)<br/>09:45 - 10:00 - Discussion</p>   |   |
| 10:00                     | Coffee break<br>10:00-10:30   |  |   |   |
| 10:30                     | <p><b>Oral communications 1</b><br/>10:30-11:30<br/>Chairs: C. Ayata (USA) &amp; M. Peres (Brazil)</p> <p>10:30-10:40 - IHC-OR-001 - Evaluation of genetic associations in a multicentre UK cohort of 880 Cluster Headache patients (E. O'Connor, UK)<br/>10:40-10:50 - IHC-OR-002 - Molecular characterization of human trigeminal ganglia at single-cell resolution (W. Rentall, USA)<br/>10:50-11:00 - IHC-OR-003 - Effects of Single pulse transcranial magnetic stimulation on the propagation of cortical spreading depression (J. Lloyd, UK)<br/>11:00-11:10 - IHC-OR-004 - Efficacy, Safety, and Tolerability of Rimegepant 75 mg Orally Dissolving Tablet for the Acute Treatment of Migraine: Results from a Phase 3, Double-Blind, Randomized, Placebo-Controlled Trial, Study 303 (C. Conway, USA)<br/>11:10-11:20 - IHC-OR-005 - PKC-<math>\delta</math>-positive cells in the central amygdala contribute to chronification of migraine in a mouse model (T-M Chou, Taiwan)<br/>11:20-11:30 - IHC-OR-006 - Long-term efficacy and safety of erenumab: Results from 64 weeks of the LIBERTY study (U. Reuter, Germany)</p>   | <p><b>Oral Communications 2</b><br/>10:30-11:30<br/>Chairs: L. Schulte (Germany) &amp; A. Russo (USA)</p> <p>10:30-10:40 - IHC-OR-007 - Local Thalamic Inhibition and Migraine (I. Mehta, UK)<br/>10:40-10:50 - IHC-OR-008 - Increased neural connectivity between the hypothalamus and cortical resting state functional networks in chronic migraine (V. Di Piero, Italy)<br/>10:50-11:00 - IHC-OR-009 - Efficacy and safety of lasmiditan in patients on migraine preventive medications: findings from SAMURAI and SPARTAN Phase 3 trials (H-P Hundemer, Germany)<br/>11:00-11:10 - IHC-OR-010 - Glyceryl trinitrate-induced non-headache symptoms indicative of an impending migraine-like attack: a case-control study (G. Onderwater, The Netherlands)<br/>11:10-11:20 - IHC-OR-011 - PACAP-38 and PACAP(8-38) degranulate rat meningeal mast cells via the orphanMrgB3-receptor (L. Jansen-Olesen, Denmark)<br/>11:20-11:30 - IHC-OR-012 - Very early onset of action of fremanezumab in patients with migraine and documented inadequate response to 2-4 classes of migraine preventive treatments: results of the international, multicentre, randomised, placebo-controlled FOCUS study (J. Brandes, USA)</p> | <p><b>Oral Communications 3</b><br/>10:30-11:30<br/>Chairs: A. Ambrosini (Italy) &amp; T. Schwedt (USA)</p> <p>10:30-10:40 - IHC-OR-013 - Inflammation as a risk factor for development of idiopathic intracranial hypertension (A. Sundholm, Sweden)<br/>10:40-10:50 - IHC-OR-014 - Partial Similarity reveals dynamics in brainstem-midbrain networks during trigeminal nociception (J. Mehnert, Germany)<br/>10:50-11:00 - IHC-OR-015 - Ubrogepant is Effective for the Acute Treatment of Migraine in Patients with an Insufficient Response to Triptans (A. Blumenfeld, USA)<br/>11:00-11:10 - IHC-OR-016 - Spontaneous cortical spreading depolarization and early mortality in an Scn1a-L263V familial hemiplegic migraine mouse model (N. Jansen, The Netherlands)<br/>11:10-11:20 - IHC-OR-017 - Impaired parasympathetic modulation on heart rate variability in patients with chronic migraine (K-L Lal, Taiwan)<br/>11:20-11:30 - IHC-OR-018 - HIT-6 Responder Rates after 1 and 3 Months of Eptinezumab Treatment (R. Cady, USA)</p> |   |
| 11:30                     | <p><b>Scientific session 4 - The CGRP-mAbs hype: The benefits, the ethics, the finance and the role of the treating physician</b><br/>11:30 - 12:30<br/>Chair: M. Levin (USA)<br/>11:30-11:35 - Moderators introduction<br/>11:35-11:55 - The Emperor's New Gopants and the disappearance of therapeutic gain: Disturbing ethical and moral views (E. Loder, USA)<br/>11:55-12:15 - What justifies the CGRP-mAbs hype? What should we tell or not tell patients? Is it our responsibility to fight for lower cost of these drugs? (P. Pozo-Rosich, Spain)<br/>12:15-12:30 - Audience discussion</p>   |  |   |   |
| 12:30                     | <p><b>Headache Science Excellence Tournament</b><br/>12:30 - 13:30<br/>Chairs: A. Andreou (UK) &amp; A. Sinclair (UK)</p> <p>12:30-12:35 - Introduction (A. Hougaard, Denmark)<br/>12:35-12:42 - IHC-OR-019 - Alterations in functional connectivity during nitroglycerin (NTG)-triggered premonitory symptoms and migraine headache assessed using blood oxygen level dependant (BOLD) functional magnetic resonance imaging (fMRI) (N. Karsan, UK)<br/>12:42-12:49 - IHC-OR-020 - Opening of ATP sensitive potassium channels causes migraine attacks: a new target for the treatment of migraine (M. Al-Mahdi Al-Karagholi, Denmark)<br/>12:49-12:56 - IHC-OR-021 - Investigating macrophage-mediated inflammation in migraine using ultrasmall superparamagnetic iron oxide-enhanced 3T magnetic resonance imaging (S. Khan, Denmark)<br/>12:56-13:00 - Voting<br/>13:00-13:07 - IHC-OR-022 - Differential Effects of Mu and Delta Opioid Receptor Agonists in Models of Chronic Migraine-Associated Pain and Aura (Z. Bertels, USA)<br/>13:07-13:14 - IHC-OR-023 - Cannabinoids induce latent sensitization in a preclinical model of medication overuse headache (C. Kopruszinski, USA)<br/>13:14-13:21 - IHC-OR-024 - Central sites controlling CGRP-induced light-aversive behavior (L. Sowers, USA)<br/>13:21-13:25 - Voting<br/>13:25-13:30 - Awards (A. Hougaard, Denmark)</p> |  |   | Exhibition Open<br>09:00 - 18:00  |
| 13:30                     | Break and lunch box collection<br>13:30-13:45   |  |   |   |
| 13:45                     | <p><b>Lunch Session 4 - Triggers and prodromes</b><br/>13:45 - 14:45<br/>Chair: D. Buse (USA)<br/>13:45-14:00 - The problem with migraine triggers: is there an explanation for lack of consistency (R. Lipton, USA)<br/>14:00-14:15 - The problem with migraine prodromes: is there an explanation for lack of consistency (M. Matharu, UK)<br/>14:15-14:30 - Can physiological studies help answer these questions? (E. Tolner, The Netherlands)<br/>14:30-14:45 - Discussion</p>   | <p><b>Lunch Session 5 - Non-invasive neuromodulators role in the treatment of migraine and cluster headache: do they work and how?</b><br/>13:45 - 14:45<br/>Chair: J. Pascual (Spain)<br/>13:45-14:00 - Vagus nerve stimulation (S. Akerman, USA)<br/>14:00-14:15 - Transcranial magnetic stimulation (A. Andreou, UK)<br/>14:15 - 14:30 - Non-cranial nerve stimulators: (D. Yarnitsky, Israel)<br/>14:30-14:45 - Discussion</p>   | <p><b>Lunch Session 6 - Persistent idiopathic facial pain</b><br/>13:45 - 14:45<br/>Chair: T. Ward (USA)<br/>13:45 - 13:55 - Chronic and episodic versions of orofacial pain: New concepts (A. May, Germany)<br/>13:55 - 14:00 - Discussion<br/>14:00-14:10 - Autoimmune facial pain: overlap between Neurology and Rheumatology (H. Ansari, USA)<br/>14:10-14:15 - Discussion<br/>14:15-14:25 - Differential diagnosis and treatment of temporomandibular disorders and trigeminal neuralgia (M. Romero-Reyes, USA)<br/>14:25-14:30 - Discussion<br/>14:30-14:40 - Atypical facial pain (D. Mitsikostas, Greece)<br/>14:40-14:45 - Discussion</p>  | <p><b>Lifting The Burden session - GBD, IHME and the Global Campaign against Headache: influencing policy for best benefit</b><br/>13:45 - 14:45<br/>Chair: Z. Katsarava (Germany)<br/>13:45 - 14:00 - Using data to influence policy (M. Pasovic, USA)<br/><br/>Informing policy in headache care:<br/>14:00 - 14:10 - The data from GBD, awareness, and the drivers of policy (L. Stovner, Norway)<br/>14:10 - 14:20 - Adding data from children and adolescents (D. Uluduz, Turkey)<br/>14:20 - 14:30 - Cost-effective intervention as the basis of policy (T.J. Steiner, UK)<br/>14:30 - 14:45 - Discussion</p> |
| 14:45                     | Break and Poster Walk II<br>14:45 - 15:45   |  |   |   |
| 15:45                     | <p><b>Late Breaking Abstracts - Clinical</b><br/>Chair: D. Dodick (USA)<br/>15:45-16:45</p> <p>14:45 - 15:55 - IHC-OR-025 Treatment of chronic migraine with Erenumab alone or as an add on therapy: a real world prospective observational study (G-P. Boudreau, Canada)<br/>15:55 - 16:05 - IHC-OR-026 - The Almovig "Wear-Off" Effect: A Retrospective Analysis (R. Duncan, USA)<br/>16:05 - 16:15 - IHC-OR-027- Efficacy of IV Hydromorphone versus IV Prochlorperazine plus Diphenhydramine for Migraine associated Symptoms (F. Cohen, USA)<br/>16:15 - 16:25 - IHC-OR-028- Functional and metabolic changes in visual snow syndrome: a combined BOLD fMRI and MR-spectroscopy study (P. Puledda, UK)<br/>16:25 - 16:35 - IHC-OR-029- Effect of pituitary adenylate cyclaseactivating polypeptide-27 on cerebral hemodynamics in healthy volunteers: a 3T MRI study (H. Ghanizada, Denmark)<br/>16:35 - 16:45 - IHC-OR-030- Loneliness in migraine: results from a case-control study (T. Jürgens, Germany)</p>   | <p><b>Late Breaking Abstracts - Basic</b><br/>Chair: P. Holland (UK)<br/>15:45-16:45</p> <p>15:45 - 15:55 - IHC-OR-032 - Extracranial injections of onabotulinumtoxinA in combination with IV injection of atogepant attenuates activation of HT and WDR neurons by CSD (R. Burstein, USA)<br/>15:55 - 16:05 - IHC-OR-033 - Central pain processing is altered in Persistent Idiopathic Facial Pain (C. Ziegeler, Germany)<br/>16:05 - 16:15 - IHC-OR-034- Analgesic effect of intranasal oxytocin in a rat model of trigeminal neuralgia (D. Yeomans, USA)<br/>16:15 - 16:25 - IHC-OR-035- Acute Actions of Caffeine in the Trigeminocephalic Complex Relevant to Headaches (T. Takahashi, UK)<br/>16:25 - 16:35 - IHC-OR-036- Fremanezumab, an anti-CGRP monoclonal antibody, reduces stimulated CGRP release from rat cranial dura mater (K. Messlinger, Germany)<br/>16:35 - 16:45 - IHC-OR-037- CGRP dependent- and independent mechanisms of acute and persistent post-traumatic headache following mild traumatic brain injury in mice (D. Dodick, USA)</p>   |   |   |
| 16:45                     | Cephalalgia Award Lecture<br>Chair: A. May (Germany)<br>16:45-17:45   |  |   |   |
| 17:45                     | Industry Symposium - TheraNica<br>17:45 - 18:45   |  |   |   |
| 18:45                     | IHS Juniors Open Meeting<br>18:45-19:15   |  |   |   |
| 19:15                     | An opportunity for all Junior members to learn more about the IHS Juniors Group, influence our society, and make yourselves heard. Tickets to the Juniors Forum can be collected immediately after the meeting  |  |   |   |

| Colour Key   | Sessions  |
|--------------|---|
| Green        | Teaching Courses  |
| Orange       | Plenary Sessions  |
| Blue         | Parallel Sessions                                       |
| Purple       | Industry Symposia                                       |
| Yellow       | Exhibition  |
| Light Green  | AGM   |
| Light Blue   | Oral Communications                                     |
| Light Purple | Cephalalgia Award Lecture / Awards and Closing Ceremony |
| Light Orange | Coffee break / Lunch / Poster Walk                      |
| Light Yellow | Social Activities                                       |