

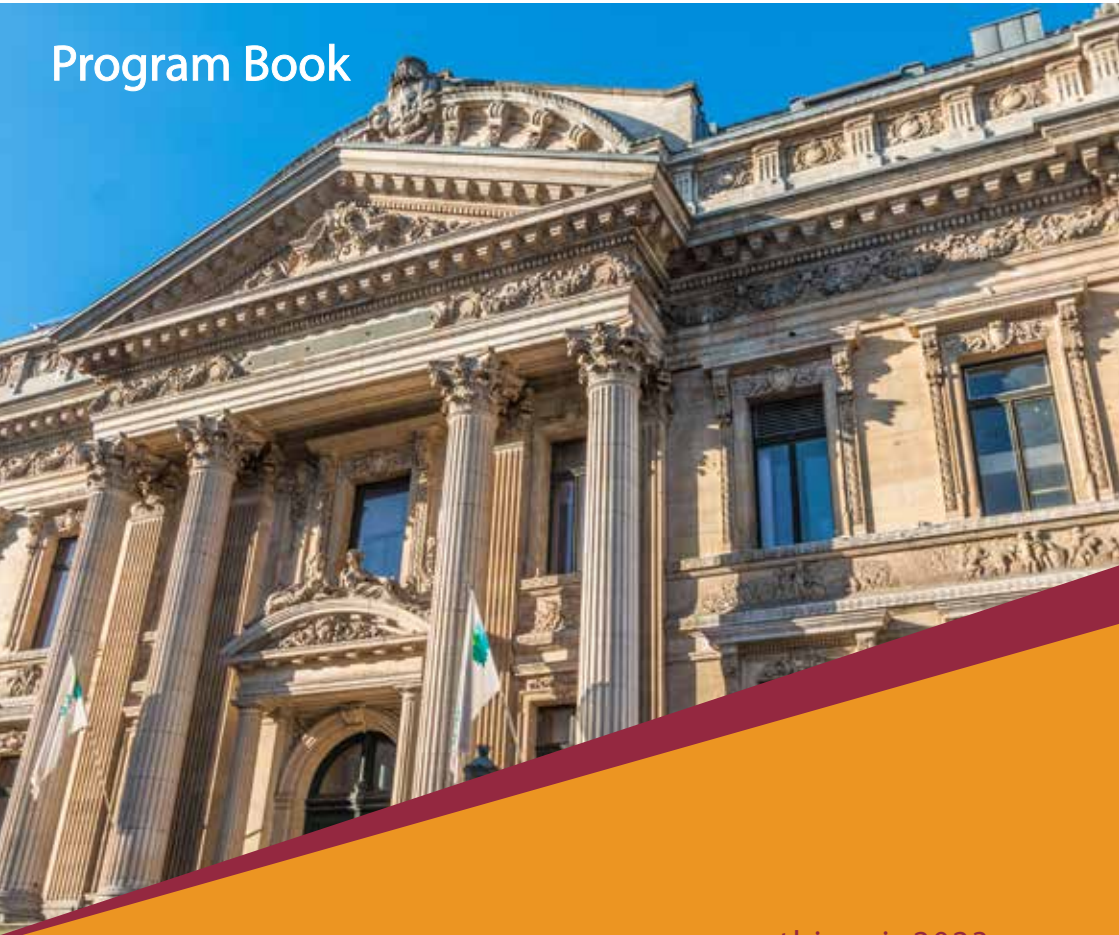


Neuropathic-Pain
2023

The 3rd International Conference on Controversies in Neuropathic Pain

20-21 November 2023, Brussels, Belgium

Program Book



www.neuropathicpain2023.com

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General Information

Conference Venue

Sheraton Airport Brussels Hotel

Brussels International Airport, 1930 Brussels, Belgium

Tel: +32 2 710 80 00

Registration Desk

The Registration Desk will be open during the following times:

Monday, 20 November 07:30-18:30

Tuesday, 21 November 08:00-16:15

Participants Badge

Upon arrival you will receive your name badge at the registration desk. You are kindly requested to wear your badge during all conference sessions and events.

Program

The electronic program book can be viewed/downloaded via a QR code. Please scan the QR code on the Neuropathic-Pain2023 sign on the registration desk or at the entrance to the conference hall.

WiFi

Free WIFI is available at the conference. Please be aware that public WIFI capacity is limited. Select network: **MarriottBonvoy_Conference**, open web browser to login page, Enter Username '**Sheraton2023**' and click on Continue.

Conference Sessions

All sessions will take place in the Galaxy halls.

Posters

Posters will be displayed in the Atrium foyer for the duration of the conference.

Refreshments


Coffee and light buffet lunch will be served in the Atrium foyer at the times indicated in the program.

Safety and Security

Please do not leave any bags or suitcases unattended at any time, whether inside or outside session halls. The conference organisers cannot accept liability for personal accidents or loss of/damage to private property of participants of Neuropathic-Pain2023.

Conference Secretariat: ilana@bioevents-congress.com
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The 3rd International Conference on Controversies in Neuropathic Pain, Brussels, Belgium 20-21/11/2023, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME[®]) with 9.5 European CME credits (ECMEC[®]s).



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

Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME[®] credits to an equivalent number of AMA PRA Category 1 CreditsTM. Information on the process to convert EACCME[®] credit to AMA credit can be found at <https://edhub.ama-assn.org/pages/applications>.

Live educational activities, occurring outside of Canada, recognised by the UEMS-EACCME[®] for ECMEC[®]s 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.

EACCME[®] credits

Each participant can only receive the number of credits he/she is entitled to according to his/her actual participation at the event once he/she has completed the Feedback Form Cf. criteria 22 of UEMS 2023.07.

Date	Credit
20/11/2023	4.5
21/11/2023	5.0

The Feedback Form will be emailed to each participant after the conference. If you do not receive the feedback form, please contact the conference secretariat ilana@bioevents-congress.com

Monday, 20 November 2023

07:30	Registration
08:50	Opening Welcome <i>Jan Rosner & Páll Karlsson, Denmark – Congress Co-Chairs</i>
09:00-10:30	Session I: Patient Stratification – From Phenotypes to Mechanisms <i>Moderator: Jan Rosner</i>
09:00-09:30	Stratifying neuropathic pain patients in clinical trials: the way forward <i>Ralf Baron, Germany (virtual)</i>
09:30-10:00	Can we infer neuropathic pain mechanisms from treatment responses? Insights from pharmacological and non-pharmacological trials <i>Nadine Attal, France</i>
10:00-10:30	Patient-reported outcomes in neuropathic pain studies: can they predict the response to treatment? <i>Didier Bouhassira, France</i>
10:30-11:00	Coffee Break & Poster Viewing
11:00-12:30	Session II: From Bench to Bedside - What`s wrong with neuropathic pain trials? <i>Moderator: Páll Karlsson</i>
11:00-11:30	Lost in translation: the main reason for failing clinical trials in neuropathic pain? <i>Per Hansson, Sweden</i>
11:30-12:00	Can we improve the neuropathic pain trial? <i>Roy Freeman, USA</i>
12:00-12:30	Placebo analgesia: implications for clinical practice and trial design <i>Ulrike Bingel, Germany (virtual)</i>
12:30	Panel Discussion
13:00-14:00	Lunch Break & Poster Viewing

14:00-15:00	Session III: Young Investigators 'FlashTalks' <i>Moderators: Jan Rosner & Páll Karlsson</i>
14:00-14:05	Study the mechanism of increased excitability of A-type sensory neuron on peripheral neuropathic pain by computational modeling <i>Peter Kan, Canada</i>
14:05-14:10	Predictors of response to lacosamide in peripheral neuropathic pain; a randomized, double-blinded, placebo-controlled, phenotype-stratified trial <i>Malin Erika Carmland, Denmark</i>
14:10-14:15	Evaluation of CPL207-280, a GPR40 Agonist, for Neuropathy Management: Preclinical Insights <i>Michal Janiszewski, Poland</i>
14:15-14:20	Advanced Glycation End-Products as Potential Serum Biomarkers for Painful Diabetic Peripheral Neuropathy in Type 1 Diabetes <i>Marie Sjøgaard, Denmark</i>
14:20-14:25	The Beneficial Effects of Sodium Butyrate in the Management of Neuropathic Pain Induced by Paclitaxel in Mice <i>Mariarosaria Cuozzo, Italy</i>
14:25-14:30	Cutaneous Schwann Cells – More than just the Axon Clothing in Peripheral Neuropathy? <i>Xiaoli Hu, Denmark</i>
14:30-14:35	Antihyperalgesic Synergism of Nortriptyline-Tramadol and Nortriptyline-Ibuprofen Combinations in Hyperglycemic Rats Experiencing Neuropathic Pain <i>Maria Gicela Pérez-Hernández, Mexico</i>
14:35-14:40	Are Skin Fibroblasts Persistent Producers of Inflammatory Mediators of Pain in Patients with Diabetes and Painful Neuropathy? <i>Zahra Nochi, Denmark</i>

14:40-14:45	Pulsed Radiofrequency or Surgery for Anterior Cutaneous Nerve Entrapment Syndrome: Long-Term Results of a Randomized Controlled Trial <i>Tom ten Have, Netherlands</i>
14:45-14:50	Disentangling Spinal and Supraspinal Sensitization in Neuropathic Pain after Spinal Cord Injury <i>Joëlle Katharina Metzger, Switzerland</i>
14:50-14:55	Exploring Radiculopathy in Underserved Communities: A Focus on AANHPI Populations and Risk Factors <i>Anita Cheung, USA</i>
14:55-15:00	BHV-2100, A First-In-Class TRPM3 Antagonist for the Treatment of Neuropathic Pain <i>Thomas Voets, Belgium</i>
15:00-15:30	Coffee Break & Poster Viewing
15:30-17:15	Session IV: Revisiting the Mechanism of Peripheral and Central Sensitization <i>Moderator: Jan Rosner</i>
15:30-16:00	Deciphering Synaptic Mechanisms in Neuropathic Pain <i>Alban Latremoliere, USA (virtual)</i>
Scientific Debate	
16:00-16:25	Two sides of the same coin – peripheral mechanisms are sufficient to explain the phenomena observed in “Central Sensitization” <i>Jordi Serra, UK</i>
16:25-16:50	Activity in C-chemo-nociceptors sensitizes spinal processing of A-fiber input: implications for evoked vs. ongoing pain <i>Martin Schmelz, Germany</i>
16:50-17:15	Crossfire including Q&A from audience, and closing statements
	End of Day 1

Tuesday, 21 November 2023

08:00	Registration
09:00-10:30	Session V: Small Fibers – Big Problems? <i>Moderator: Páll Karlsson</i>
09:00-09:30	Neuroimmune crosstalks and neuropathic pain <i>Michaela Kress, Austria</i>
09:30-10:00	Skin biopsy in painful neuropathies: the role of nerves and non-neuronal cells <i>Grazia Devigili, Italy</i>
10:00-10:30	Small fiber neuropathy: what have we learned from clinical trials? <i>Catharina Faber, Netherlands</i>
10:30-11:00	Coffee Break & Poster Viewing
11:00-13:00	Session VI: Neurophysiology & Neuroimaging – The Quest for a Pain Biomarker <i>Moderator: Jan Rosner</i>
11:00-11:30	Evoked Potentials – A Tool to Investigate Loss and Gain in the Nociceptive System? <i>Diana Torta, Belgium</i>
11:30-12:00	Pain-autonomic interaction: a surrogate marker for central sensitization? <i>Michèle Hubli, Switzerland</i>
12:00-12:30	Cortical Excitability – Insights into Neuropathic Pain Pathophysiology and Novel Therapeutic Targets <i>Daniel Ciampi de Andrade, Denmark</i>
12:30-13:00	Deconstructing the Sensation of Pain: Insights from Neuroimaging <i>Katja Wiech, UK</i>
13:00-14:00	Lunch Break & Poster Viewing

14:00-15:00	Session VII: Lessons learned from human in-vitro models of neuropathic pain <i>Moderator: Páll Karlsson</i>
14:00-14:30	What can we learn about human neuropathies from pain in a dish models? <i>Ted Price, USA (virtual)</i>
14:30-15:00	Pain-in-a-Dish: Lessons about Pain and Pain Resilience from hiPSC <i>Stephen Waxman, USA (virtual)</i>
15:00-15:30	Coffee Break & Poster Viewing
15:30-16:00	Session VIII: The Road Ahead <i>Moderator: Jan Rosner & Páll Karlsson</i>
15:30-16:00	Panel Discussion with speakers <i>Daniel Ciampi De Andrade, Denmark</i> <i>Per Hansson, Sweden</i> <i>Katja Wiech, UK</i> <i>Martin Schmelz, Germany</i> <i>Grazia Devigili, Italy</i> <i>Catharina Faber, Netherlands</i> <i>Roy Freeman, USA</i>
16:00	Best Abstract Award Announcement
16:05	Closing Remarks <i>Jan Rosner & Páll Karlsson, Denmark – Congress Co-Chairs</i>



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2023

Posters will be on display for the duration of the conference.

Posters may be displayed from 07:30 on Monday, 20 November and must be removed after sessions on Tuesday, 21 November. The conference organizers cannot be responsible for posters not removed by this time.

Please mount your poster on the poster board number assigned to you.

Board No.	Abstract Topic & Title
Central Neuropathic Pain	
12	Disentangling Spinal and Supraspinal Sensitization in Neuropathic Pain after Spinal Cord Injury <i>Joëlle Katharina Metzger, Robin Lütolf, Sarah Mehli, Jan Rosner, Armin Curt, Michèle Hubli – Switzerland/Denmark</i>
13	Employing Artificial Intelligence/Machine Learning in Rare Diseases: Living with Arachnoiditis <i>Lori Verton, Patricia Gomes - Canada</i>
14	Chronic Neuropathic C8 Distribution Pain Management Secondary to Posterior Cervical Decompression and Fusion with Iatrogenic Injury <i>Bernard Cohen - USA</i>
15	Advancing less-side effect painkiller via artificial intelligence <i>Shuguang Yuan, Horst Vogel – China/Switzerland</i>
Controversial Issues in Neuropathic Pain Research	
16	Biased signaling of opioid receptor can NOT avoid addiction and respiratory depression <i>Shuguang Yuan, Horst Vogel – China/Switzerland</i>
17	The role of POMC products in the modulation of MOR and MC4R signaling after Chronic Constriction Injury (CCI) of the Sciatic Nerve <i>Joanna Bogacka, Anna Piotrowska, Katarzyna Ciapała, Przewłocka Barbara - Poland</i>
18	The Role Of Alpha Lipoic Acid In The Treatment Of Burning Mouth Syndrome – Evidence-Based Review <i>Carolina Quental, Daniel Brito, João Sobral, Leonardo Napoleão - Portugal</i>

- 19 **Exploring Radiculopathy in Underserved Communities: A Focus on AANHPI Populations and Risk Factors**
Anita Cheung, Matthew Nishimura, Kai Miyaki, Tea Stephens, Edward Weldon, Julia Jahansooz, Anson Lee, Masako Matsunaga, Jason Chang, Enrique Carrazana, Jason Viereck, Kore Liow - USA

Clinical Trials

- 20 **Predictors of response to lacosamide in peripheral neuropathic pain; a randomized, double-blinded, placebo-controlled, phenotype-stratified trial**
Malin Erika Carmland - Denmark

Neuromodulation

- 21 **Basivertebral Nerve Ablation (Intrasept) for Vertebrogenic Back Pain**
Raheleh Rahimi Darabad, Shania James - USA
- 22 **Peripheral Nerve Stimulation for Multifactorial Chronic Low Back Pain**
Nancy Abarca, Raheleh Rahimi Darabad - USA
- 23 **Peripheral Nerve Stimulation for Refractory Knee Pain**
Timothy Kelly, Michael Pazzol, Raheleh Rahimi Darabad - USA

Peripheral Neuropathic Pain

- 24 **Novel Approach in Treating Phantom Limb Pain Using Erector Spinae Plane Block**
Karmi Marcial G. Marcial, Maria Victoria Rosario V. Arcilla - Philippines
- 25 **Cutaneous Schwann Cells – More than just the Axon Clothing in Peripheral Neuropathy?**
Xiaoli Hu, Jan Roser, Christian Selmer Buhl, Marie Balle Sjogaard, Ming-Dong Zhang, Karoline Schousboe, Hatice Isik Mizrak, Huda Kufaishi, Troels Staehelin Jensen, Christian Stevns Hansen, Knud Bonnet Yderstræde, Patrik Ernfors, Jens Randel Nyengaard, Nanna Brix Finnerup, Pall Karlsson – Denmark/Sweden
- 26 **The Beneficial Effects of Sodium Butyrate in the Management of Neuropathic Pain Induced by Paclitaxel in Mice**
Mariarosaria Cuozzo - Italy

27	<p>Advanced Glycation End-Products as Potential Serum Biomarkers for Painful Diabetic Peripheral Neuropathy in Type 1 Diabetes <i>Marie Sjøgaard, Christian Buhl, Rasmus Brødsgaard, Karoline Schousboe, Hatice Mizrak, Huda Kufaishi, Thomas Flemming, Peter Nawroth, Troels S. Jensen, Nanna Brix Finnerup, Christian Stevns, Knud Yderstræde, Jens R Nyengaard, Niels Ejksjaer, Pall Karlsson – Denmark/Germany</i></p>
28	<p>Study the mechanism of increased excitability of A-type sensory neuron on peripheral neuropathic pain by computational modelling <i>Peter Kan, Junling Ma, Yong Fang Zhu - Canada</i></p>
29	<p>Pulsed Radiofrequency or Surgery for Anterior Cutaneous Nerve Entrapment Syndrome: Long-Term Results of a Randomized Controlled Trial <i>Tom ten Have, Sem T. van Geffen, Willem A.R. Zwaans, Robbert C. Maatman, Oliver B.A. Boelens, Monique A.H. Steegers, Marc R.M. Scheltinga, Rudi M.H. Roumen - Netherlands</i></p>
30	<p>Lidocaine Plasters as a Non-Invasive Alternative Treatment Option in Children with Anterior Cutaneous Nerve Entrapment Syndrome (ACNES) <i>Tom ten Have, Willem A.R. Zwaans, Marc R.M. Scheltinga, Rudi M.H. Roumen - Netherlands</i></p>
31	<p>Positive Scratch Collapse Test in Anterior Cutaneous Nerve Entrapment Syndrome (ACNES): Evidence for a Peripheral Neuropathy? <i>Monica L.Y.E. Jacobs, Tom ten Have, Lotte Schaap, Marc R.M. Scheltinga, Rudi M.H. Roumen - Netherlands</i></p>

Pharmacology

32	<p>BHV-2100, A First-In-Class TRPM3 Antagonist for the Treatment of Neuropathic Pain <i>Joris Vriens, Jean-Christophe Vanherck, Arnaud Marchand, Bruce Car, Gene Dubowchik, Reese Caldwell, Volkan Granit, Lawrence Marcin, David Pirman, Patrick Chaltin, Thomas Voets – Belgium/USA</i></p>
33	<p>Importance of opioid receptors phosphorylation in nociceptive transmission and morphine analgesic potency in animal model of neuropathic pain: cellular and molecular differences in the mechanism of opioid-induced tolerance and hyperalgesia <i>Anna Piotrowska-Murzyn, Joanna Bogacka, Justyna Barut, Katarzyna Ciapała, Barbara Przewłocka - Poland</i></p>

- 34 **The Study of Gastrointestinal Functions in Mice Treated With Analgesic Intravenous Doses of New Bifunctional Opioid/Melanocortin Peptidomimetics**
Joanna Starnowska-Sokół, Joanna Bogacka, Ewa Witkowska, Magda Popławska, Katarzyna Witoszka, Jolanta Dyniewicz, Beata Wileńska, Krzysztof Różycki, Aleksandra Misicka, Barbara Przewłocka - Poland

Preclinical Research

- 35 **Antihyperalgesic Synergism of Nortriptyline-Tramadol and Nortriptyline-Ibuprofen Combinations in Hyperglycemic Rats Experiencing Neuropathic Pain**
Maria Gicela Pérez-Hernández, María Irene Díaz-Reval, Miguel Huerta-Viera, Enrique Alejandro Sánchez-Pastor - Mexico

- 36 **Evaluation of CPL207-280, a GPR40 Agonist, for Neuropathy Management: Preclinical Insights**
Michał Janiszewski, Tomasz Jaworski, Paweł Buda, Varvara Vialichka, Katarzyna Bazydło-Guzenda, Mateusz Mach, Kinga Galazka, Jakub Dominowski, Michał Gorka, Kinga Salat, Piotr Popik, Krzysztof Dubiel, Jerzy Pieczykolan, Maciej Wieczorek - Poland

- 37 **Are Skin Fibroblasts Persistent Producers of Inflammatory Mediators of Pain in Patients with Diabetes and Painful Neuropathy?**
Julie Mie Bentzen¹ Peter Kolind Brask-Thomsen, Sandra Sif Gylfadottir, Páll Karlsson, Nanna Finnerup, Rikke Olsen, Zahra Nochi - Denmark

- 38 **Preclinical characterization of a novel neuropathic drug candidate CPL298 - a 5-HT₇ receptor agonist**
Mikołaj Matloka, Agata Ciechanowska, Katarzyna Ciapala, Katarzyna Pawlik-Szczerba, Wioletta Makuch, Kinga Kurowska, Szymon Kordylewski, Artur Janusz, Marcin Szybicki, Lidia Gurba-Byskiewicz, Damian Smuga, Paweł Zero, Magdalena Smolik, Maciej Gawlik, Rafał Moszczynski-Petkowski, Michał Gorka, Krzysztof Dubiel, Iwona Majkowska, Maria Walczak, Adam Hogendorf, Andrzej Bojarski, Joanna Mika - Poland

Psychology

- 39 **Neuropathic pain - a variant of the consequences of damage to the transition of sensory navigation to emotional**
Olha Mostova - Ukraine

Thank you for joining us.

We look forward to welcoming you to future events.

