

IMI PainCare activities at

PROMPT – BioPain - TRiPP



IASP 2022 WORLD CONGRESS ON PAIN

Toronto, Canada • 19–23 September

- 2 topical workshops
- 14 posters
- Booth #813

Topical workshops:

Tracks: Assessment, Diagnosis & Measurement Of Pain

(1) Utilization Of Pain Biomarkers As The Basis For Decisions In The Therapeutic Development Process And In Clinical Practice: New Approaches From INTEGRATE-Pain

(Thursday, September 22nd, 4:30pm-6:00pm EDT, Room 715 B)

- **Back Translation of Functional, Pharmacodynamic Pain Biomarkers into Rodents**
(T. Blockeel, UK, IMI PainCare on behalf of the subproject BioPain)
- **Deep Phenotyping to Improve our Understanding of Chronic Pelvic Pain**
(K. Vincent, UK, IMI PainCare on behalf of the subproject TRiPP)
- **Integration of Pain Biomarkers into the Therapeutic Development Process and into Clinical Practice** (MA Pelleymounter, USA, NINDS / NIH)
- **Signature for Pain Recovery IN Teens (SPRINT): Biomarker Signature Detection in a Multivariate Dataset Leveraging Supervised Machine Learning algorithms**
(L. Simons, USA)

Tracks: Novel Experimental/Analytic Approaches/Tools

(2) Functional Biomarkers Of Nociceptive Signal Processing – Back-Translation Of Human Studies To Preclinical Models

(Tuesday, September 20th, 10:45am-12:15pm EDT, Room 718 B)

- **Functional Markers of Nociceptive Processing and Central Sensitization for Pre-clinical and Clinical Drug Development** (A. Mouraux, BE)
- **Functional Neuroimaging and Psychophysics as Potential Biomarkers of Chronic Pain and Predictors of Treatment Outcome** (KD. Davis, CA)
- **Neurophysiological Biomarkers for Central Sensitization in Humans** (A. Truini, IT)

Posters:

PROMPT:

Subjective patient-reported outcomes do not measure the same as objective activity devices

Marcus Komann, Claudia Weinmann, Winfried Meißner
(Tuesday 20.09.22, 03:15PM, PTU204)

Including the patient's perspective - A systematic literature review of Patient Reported Outcome Measures in chronic neuropathic pain clinical trials

Juliane Sachau, Manon Sendel, Marie Péchard, Kathrin Schnabel, Iris Schmiege, Terkia Medkour, Laurent Ecochard, Markus Woischnik, Hiltrud Liedgens, Esther Pogatzki-Zahn, Ralf Baron, Didier Bouhassira (Thursday 22.09.22, 3:15PM, PTH31)

BioPain:

Modulation of Laser Evoked Potentials by Lacosamide, Pregabalin & Tapentadol in Awake Rats

Anthony Blockeel, Anna Sales, Sonya Chapman, Kimberley Jackson, Nicolás Marco-Ariño, Iñaki Trocóniz, Josep-Maria Cendros, Jose Miguel Vela, Anthony Pickering, Andrea Truini, Andre Mouraux, Rolf-Detlef Treede & Keith Phillips
(Tuesday 20.09.22, 03:15PM, PTU62)

Characterisation of the neural correlates of central sensitisation induced by the high frequency stimulation (HFS) model in healthy humans using functional magnetic resonance imaging (fMRI)

Sophie Clarke, Vishvarani Wanigasekera, Richard Rogers, Francesca Fardo, Hossein Pia, Zahra Nochi, Nicolas Macian, Vincent Leray, Nanna Brix Finnerup, Gisèle Pickering, André Mouraux, Andrea Truini, Rolf-Detlef Treede and Irene Tracey
(Thursday 22.09.22, 09:30AM, PTH197)

Perception threshold tracking (PTT) - A novel method to assess small fiber function

Hossein Pia, Zahra Nochi, Bernhard Pelz, Marcus Goetz, Jan Hoeink, Rolf-Detlef Treede, Tony Blockeel, Keith Phillips, Nanna Brix Finnerup, Hatice Tankisi
(Friday 23.09.22, 03:15PM, PER44)

Does peak alpha-frequency of the resting EEG predict the susceptibility to develop secondary mechanical hyperalgesia?

L. Lebrun, C. Lenoir, E. N. van den Broeke, A. Mouraux
(Tuesday 20.09.22, 03:15PM, PTU44)

The role of negative expectations on the development of secondary hyperalgesia in healthy volunteers

S.Gousset, T. Cayrol, M. Papeux, A. Mouraux, E. N. van den Broeke
(Thursday 22.09.22, 09:30AM, PTH97)

TRIPP:**Analysis of Rat Ultrasonic Vocalizations in a Preclinical Model for Inflammatory Pain**

Paulina Nunez-Badinez, Bianca De Leo, Jens Nagel

(Wednesday 21.09.22, 03:15PM, PVD258)

Exploring pelvic pain and quality of life profiles in the Translational Research in Pelvic Pain (TRiPP) cohort

Lysia Demetriou, Michal Krassowski, Pedro Abreu Mendes, Kurtis Garbutt, Allison Vitonis, Elizabeth Wilkins, Lydia Coxon, Lars Arendt-Nielsen, Qasim Aziz, Judy Birch, Andrew Horne, Anja Hoffman, Lone Hummelshoj, Claire E Lunde, Jane Meijlink, Danielle Perro, Esther Pogatzki-Zahn, Christine Sieberg, Rolf-Detlef Treede, Christian Becker, Francisco Cruz, Stacey Missmer, Krina Zondervan, Jens Nagel, Katy Vincent

(Friday 23.09.22, 09:30AM, PFR251)

What drinking water tells us about bladder sensitivity in Chronic Pelvic Pain

Lydia Coxon, Emily Tan, Danielle Perro, Claire Lunde, Joana Ferreira Gomes, Ana Charrua Cordeiro, Pedro Abreu Mendes, Jane Meijlink, Anja Hoffman, Judy Birch, Lone Hummelshoj, Qasim Aziz, Lars Arendt-Nielsen, Esther Pogatzki-Zahn Jan Vollert, Michal Krassowski, Emma Evans, Rolf-Detlef Treede, Lysimachi Demetriou, Stacey Missmer, Andrew Horne, Christine Sieberg, Francisco Cruz, Jens Nagel, Katy Vincent

(Wednesday 21.09.22, 9:30AM, PVD43)

Is conditioned pain modulation (CPM) a useful paradigm in women? A TRiPP study exploring CPM in pain-free women and those living with chronic pelvic pain

Danielle Perro, Lydia Coxon, Claire Lunde, Joana Ferreira Gomes, Ana Charrua, Pedro Abreu Mendes, Lars Arendt-Nielsen, Qasim Aziz, Judy Birch, Lysia Demetriou, Kurtis Garbutt, Andrew Horne, Anja Hoffman, Lone Hummelshoj, Michal Krassowski, Jane Meijlink, Esther Pogatzki-Zahn, Christine Sieberg, Rolf-Detlef Treede, Allison Vitonis, Jan Vollert, Christian Becker, Francisco Cruz, Christine Sieberg, Stacey Missmer, Krina Zondervan, Jens Nagel, Katy Vincent, on behalf of the TRiPP Consortium

(Wednesday 21.09.22, 03:15PM, PVD30)

Understanding Fatigue in Chronic Pelvic Pain patients: a Translational Research in Pelvic Pain (TRiPP) study

Lysia Demetriou, Lydia Coxon, Danielle Perro, Pedro Abreu Mendes, Claire E Lunde, Kurtis Garbutt, Michal Krassowski, Allison Vitonis, Lars Arendt-Nielsen, Qasim Aziz, Judy Birch, Andrew Horne, Anja Hoffman, Lone Hummelshoj, Jane Meijlink, Danielle Perro, Esther Pogatzki-Zahn, Christine Sieberg, Rolf-Detlef Treede, Christian Becker, Francisco Cruz, Stacey Missmer, Krina Zondervan, Jens Nagel, Katy Vincent

(Thursday 22.09.22, 03:15PM, PTH332)

Have you ever had a flare of your symptoms? Clinically important findings from under-explored FLARES in Chronic Pelvic Pain

Lydia Coxon, Celia Lugt, Danielle Perro, Claire Lunde, Joana Ferreira Gomes, Ana Charrua Cordeiro, Pedro Abreu Mendes, Judy Birch, Jane Meijlink, Lone Hummelshoj, Anja Hoffmann, Qasim Aziz, Lars Arendt-Nielsen, Esther Pogatzki-Zahn, Jan Vollert, Michal Krassowski, Emma Evans, Rolf-Detlef Treede, Lysimachi Demetriou, Stacey Missmer, Andrew Horne, Christine Sieberg, Francisco Cruz, Jens Nagel, Katy Vincent

(Thursday 22.09.22, 09:30AM, PTH39)

Widespread pain is associated with poor psychological health, sleep quality, fatigue, and pain catastrophizing in women with chronic pelvic pain: A TRiPP study

Danielle Perro, Lysia Demetriou, Lydia Coxon, Michal Krassowski, Pedro Abreu Mendes, Claire E Lunde, Kurtis Garbutt, Allison Vitonis, Lars Arendt-Nielsen, Qasim Aziz, Judy Birch, Andrew Horne, Anja Hoffman, Lone Hummelshoj, Jane Meijlink, Esther Pogatzki-Zahn, Christine Sieberg, Rolf-Detlef Treede, Christian Becker, Francisco Cruz, Stacey Missmer, Krina Zondervan, Jens Nagel, Katy Vincent, on behalf of the TRiPP Consortium

(Friday 23.09.22, 09:30AM, PFR277)

The relationship between pain experience and personality factors in women living with chronic pelvic pain

Emma Evans, Lysia Demetriou, Lydia Coxon, Danielle Perro, Pedro Abreu Mendes, Claire E Lunde, Kurtis Garbutt, Michal Krassowski, Allison Vitonis, Lars Arendt-Nielsen, Qasim Aziz, Judy Birch, Andrew Horne, Anja Hoffman, Lone Hummelshoj, Jane Meijlink, Esther Pogatzki-Zahn, Christine Sieberg, Rolf-Detlef Treede, Christian Becker, Francisco Cruz, Stacey Missmer, Krina Zondervan, Jens Nagel, Katy Vincent

(Tuesday 20.09.22, 09:30AM, PTU147)