



3rd Young Researchers Day – The Next Generation in Pain Research – March 22, 2025

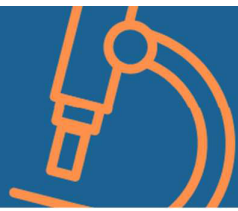
The next generation in pain research

9.30 – 10.00 Registration + coffee/tea
Entrance Hall

10.00 – 10.30 Welcome by the Host institution, the President of the Belgian Pain Society, the Organizing Committee
Prof. dr. Kristof Deseure, Prof. dr. Guy Hans, Drs. Michiel Brandt
Aula O7

10.30 – 12.30 Oral presentations

	Parallel Oral Session I – Aula O7 <i>Moderator: Laurens Peene, MD</i>	Parallel Oral Session II – Aula O8 <i>Moderator: Dra. Amber Billens</i>
10.30	O1: Pregnancy-Related Lumbopelvic Pain and its Relationship with Postural Control in Multigravid Pregnant Women (<i>Myrthe Gregoor</i>)	O8: Is autonomic function associated with (central) pain processing in individuals with chronic pain? A systematic review (<i>Iris Meuwissen</i>)
10.47	O2: Protocol for a randomized controlled trial to evaluate the effectiveness of a structured exercise program in preventing chemotherapy-induced peripheral neuropathy (<i>Elise Aerts</i>)	O9: Reaching consensus on the content of a Biopsychosocial Rehabilitation Programme in Chronic Low Back Pain – Checklist: a Delphi Study (<i>Dries Ceulemans</i>)
11.04	O3: Reliability and validity of the Dutch bodily threat monitoring scale in breast cancer survivors (<i>Marthe Van Overbeke</i>)	O10: The effects of Exercise Therapy on Heart Rate Variability in individuals with Chronic Musculoskeletal pain: a systematic review (<i>Timo Meus</i>)
11.21	O4: Mitochondrial dysfunction in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: preliminary results on mitochondrial flux analyses (<i>Jente Van Campenhout</i>)	O11: Enhancing Postural Control, Pain and Disability through Proprioceptive Training in Individuals with Low Back Pain: A Proof-of-Concept (<i>Sofje Dierckx</i>)
11.38	O5: Ultrasound and Shear Wave Elastography in Breast Cancer Patients: Exploring Soft Tissue Changes and Their Relationship to Self-Reported Shoulder Complaints (<i>Kaat Verbeelen</i>)	O12: Stress and pain systems: A meta-analysis of their complex physiological interplay (<i>Joren Vyverman</i>)
11.55	O6: Quantitative Sensory Testing across Four Body Regions of Healthy Volunteers: a Reproducibility Study (<i>Flore Van Olmen</i>)	O13: Patterns in anticipatory postural adjustment onset timing across multiple trunk muscles: Psychological correlates and participant clustering along the low back pain continuum (<i>Jaap Wijnen</i>)
12.12	O7: From breast cancer diagnosis to survivorship: analyzing perioperative biopsychosocial phenotypes and their relationship to pain on long term (<i>Amber De Groote</i>)	O14: Adrenergic dysfunction in patients with myalgic encephalomyelitis/chronic fatigue syndrome and fibromyalgia: A systematic review and meta-analysis (<i>Jolien Hendrix</i>)



12.30 – 13.15 Lunch and coffee + poster viewing (optional)

Entrance Hall

13.15 – 14.00 Networking Event

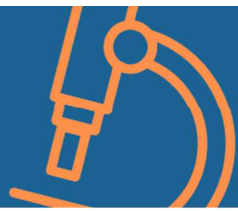
Entrance Hall

14.00 – 14.40 Poster presentations (parallel poster walks)

Entrance Hall

Poster Walk A <i>Moderator: Dra. Aïcha Boutachkout</i>		Poster Walk B <i>Moderator: Lisa Bernaerts, MSc</i>		
14.00	P1	Effects of Personalized Transcranial Alternating Current Stimulation (tACS) on Pain Perception (<i>Yaser Fathi Arateh</i>)	P6	Can the relationship between migraine and neck pain be explained by clinical and pain threshold variables? (<i>Amanda Rodrigues</i>)
14.06	P2	A novel presurgical risk prediction model for chronic post-surgical pain for adults undergoing any type of surgery: development of the P4-Prevoque questionnaire [PERISCOPE trial] (<i>Eva Wauters</i>)	P7	Study Design and Methods for Investigating T cell Dysfunction in Chronic Pain: A Focus on Immune Exhaustion and Senescence (<i>Yanthe Buntinx</i>)
14.12	P3	Back muscle characteristics to tailor exercise therapy for low back pain: study protocol and preliminary results of the “Back-to-Back” proof of concept study (<i>Vasiliki Karagiannopoulou</i>)	P8	The enigma of subjective lymphedema: How often and why do patients report lymphedema after breast cancer treatment without an objective measurable swelling? The role of lymphatic and sensory processing problems: A protocol for a multicenter prospective longitudinal study (<i>Laura Spincemaille</i>)
14.18	P4	To describe the upper limb functional activity through objective and subjective assessment methods post-surgery and to determine the mental and physical contributing factors: protocol of a cross-sectional study (<i>Nieke Vets</i>)	P9	The LipObes study: Understanding the differences and associations of pain characteristics, psychological symptoms, and quality of life in obese patients with and without lipedema (<i>Ceren Gursen</i>)
14.24	P5	Spinal morphine is an alternative for technically impossible thoracic epidural analgesia. (<i>Pratik Paudel</i>)	P10	Gender, pain and the development of a questionnaire to study their relationship (<i>Robrecht De Baere</i>)

Poster Walk C Moderator: Prof. dr. Davina Wildemeersch			Poster Walk D Moderator: Dra. Iris Meuwissen	
14.00	P11	The sleep-MOMagement project: effectiveness of person-centered behavioural interventions for postpartum maternal sleep improvement – A randomized controlled trial protocol (<i>Manon De deyne</i>)	P16	Unravelling the neuropsychophysiological link between stress and pain: A protocol (<i>Joren Vyverman</i>)
14.06	P12	Pain sensitivity and structural brain changes post breast cancer surgery (<i>Amber De Grootte</i>)	P17	Stress intolerance in patients with chronic widespread pain: Are epigenetic mechanisms the answer to the mystery? (<i>Jolien Hendrix</i>)
14.12	P13	PROFit Primi: The role of proprioceptive, fear-related and inflammatory factors in the persistence of pregnancy-related lumbopelvic pain in primiparous women: study protocol (<i>Eline Peuskens</i>)	P18	Effects of test modality and testing site on exercise-induced hypoalgesia in healthy human males (<i>Vladimir Aron</i>)
14.18	P14	Sexual dysfunction and its association with persistent pain after breast and rectal cancer surgery: a study protocol (<i>Marie Ham</i>)	P19	The Impact of Sleep and Gut Microbiota on Pain: preliminary results (<i>Gwenaëlle Mievis</i>)
14.24	P15	Responsiveness of the Dutch Pain Disability Index (PDI) in breast cancer survivors experiencing persistent pain: a protocol (<i>Marthe Van Overbeke</i>)		



14.45 – 16.05 Hot topic debate: Managing lifestyle in chronic pain – A multidisciplinary debate

Moderators: Dr. Michel Mertens, Prof. dr. Jonas Verbrugghe

Aula 07

14.45 – 14.55 Introduction + opening public voting awards

14.55 – 15.15 Keynote presentation 1: Moving beyond pain: overcoming barriers for physical activity in chronic pain
Prof. dr. Mira Meeus (*University of Antwerp*)

15.15 – 15.35 Keynote presentation 2: Putting Pain to Sleep: the importance of sleep in pain management
Prof. dr. Anneleen Malfliet (*Vrije Universiteit Brussel*)

15.35 – 16.05 Discussion + Voting

16.05 – 16.30 Closing and awards ceremony

Prof. dr. Kristof Deseure, Drs. Yanis Mouheb

Aula 07

