Scientific Programme

Wednesday, 04. September 2019

Workshop: Pain Syndromes
08:30 - 10:00
Auditorium 3A

IMI-PAINCARE - IMPROVING THE CARE OF PATIENTS SUFFERING FROM ACUTE OR CHRONIC PAIN

Chairs:
W. Meissner (Germany)

PROVIDING STANDARDIZED CONSENTED PATIENT-REPORTED OUTCOME MEASURES (PROMPT) 08:30 - 08:55
W. Meissner (Germany)

FUNCTIONAL PAIN BIOMARKERS (BIOPAIN) 08:55 - 09:20

TRANSLATIONAL RESEARCH IN PELVIC PAIN (TRIPP) 09:20 - 09:45
J. Nagel

DISCUSSION 09:45 - 10:00

Workshop: Musculoskeletal
08:30 - 10:00
Room 3F

EXERCISE: IMPACT AND MEASUREMENT

Chairs:
H. Wittink

EXERCISE AND HYPOALGESIA 08:30 - 08:55
H.B. Vaegter

NEUROSCIENCE EDUCATION AND EXERCISE 08:55 - 09:20
M. Meeus (Belgium)

PHYSICAL ACTIVITY INTENSITY AND MEASUREMENT 09:20 - 09:45
H. Wittink

DISCUSSION 09:45 - 10:00

Workshop: General
08:30 - 10:00
Room 2H

CORE DATA AND PERFORMANCE MEASUREMENT FOR CHRONIC PAIN: A PROJECT TO INFORM NATIONAL, AND INTERNATIONAL, IMPROVEMENT IN CHRONIC PAIN TREATMENT AND PROVISION

Chairs:
P. Cameron
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

Scientific Programme

DEVELOPMENT AND IMPLEMENTATION OF QUALITY PERFORMANCE INDICATORS FOR CHRONIC PAIN IN SCOTLAND 08:30 - 08:55
P. Cameron

A NATIONAL CORE MINIMUM DATASET FOR CHRONIC PAIN IN SCOTLAND 08:55 - 09:20
M. Laskawska (United Kingdom)

VAPAIN: INTERNATIONAL CONSENSUS DEVELOPMENT OF CORE DOMAINS FOR INTERDISCIPLINARY PAIN THERAPIES 09:20 - 09:45
U. Kaiser (Germany)

DISCUSSION 09:45 - 10:00

Oral Communications
08:30 - 10:00
Room 4F

ORAL COMMUNICATIONS 1

CAN OXYTOCIN INFLUENCE PLACEBO AND NOCEBO EFFECTS IN PAIN? 08:30 - 08:40

DEVELOPING A BIOPSYCHOSOCIAL PAIN AND OPIOID USE CURRICULUM FOR MEDICAL STUDENTS AT MAYO CLINIC 08:40 - 08:50

PAIN CONSULTATIONS IN CHILDREN AND YOUNG PEOPLE - A POPULATION-BASED CONSULTATION PREVALENCE STUDY 08:50 - 09:00
E. Bondesson (Sweden)

AN ULTRA-FAST SYSTEM FOR SIGNALING MECHANICAL PAIN IN HUMAN SKIN 09:00 - 09:10
S. Nagi (Sweden)


PRIORITIZING PAIN: AN ANALYSIS OF THE POLICY ENVIRONMENT AFFECTING PATIENTS SUFFERING FROM CHRONIC PAIN ACROSS EUROPE 09:20 - 09:30

DEVELOPING THE NETWORK PAIN REHABILITATION LIMBURG: RESULTS OF A FEASIBILITY STUDY 09:30 - 09:40

THE POSITIVE IMPACT OF PAIN-SPECIFIC RESILIENCE IN PEOPLE LIVING WITH HIV AND CHRONIC PAIN 09:40 - 09:50
B. Goodin (United States)

Workshop: Pain Syndromes
10:30 - 12:00
Hall 1A

PAIN OUT: PROGRESSION TO THE NEXT STAGE

144

Chairs:
R. van Boekel (Netherlands)
Scientific Programme

**PAIN OUT: LEARNING FROM DATA TO IMPROVE PAIN MANAGEMENT**
10:30 - 10:55
W. Meissner (Germany)

**PAIN OUT PROJECT IN THE NETHERLANDS: IMPLEMENTATION OF QUALITY IMPROVING RESEARCH**
10:55 - 11:20
R. van Boekel (Netherlands)

**PAIN OUT PROJECT IN SERBIA: CLINICAL EXPERIENCE OF IMPROVING POSTOPERATIVE PAIN MANAGEMENT**
11:20 - 11:45
D. Stamenkovic (Serbia)

**DISCUSSION**
11:45 - 12:00

---

**Workshop: Psychology**
10:30 - 12:00
Hall 1B

**BEYOND WORDS: EXPLORING FACIAL, VOCAL AND BODILY COMMUNICATION OF PAIN ACROSS THE LIFESPAN**

134

**(Chairs:**
E. Keogh (United Kingdom)

**ATTENDING TO FACIAL, VOCAL AND BODY EXPRESSIONS OF PAIN: ARE THERE DIFFERENTIAL EFFECTS FOR MEN AND WOMEN?**
10:30 - 10:55
E. Keogh (United Kingdom)

**MORE THAN CRYING: UNDERSTANDING AND MEASURING NONVERBAL COMMUNICATION IN PEDIATRIC PAIN CONTEXTS**
10:55 - 11:20
C.M. McMurtry (Canada)

**NONVERBAL COMMUNICATION OF PAIN IN OLDER ADULTS: NEW DEVELOPMENTS IN AUTOMATIC PAIN DETECTION**
11:20 - 11:45
M. Kunz (Netherlands)

**DISCUSSION**
11:45 - 12:00

---

**Workshop: Pharmacological Topics**
10:30 - 12:00
Auditorium 3A

**GENETIC GUIDED PHARMACOLOGICAL PAIN THERAPY II: CLINICAL IMPLEMENTATION: BENEFITS, CHALLENGES AND PITFALLS**

132

**(Chairs:**
L.L. Christrup (Denmark)

**DO WE NEED A DNA PASSPORT?**
10:30 - 10:55
R. van Schaik (Netherlands)
Scientific Programme

**PHARMACOGENOMIC GUIDED PAIN THERAPY - FUTURE CHALLENGES AND PITFALLS**
A. Somogyi (Australia)  
10:55 - 11:20

**IMPLEMENTATION OF PHARMACOGENOMIC GUIDED THERAPY AT DANISH MULTIDISCIPLINARY PAIN CENTRES**
L.L. Christrup (Denmark)  
11:20 - 11:45

**DISCUSSION**  
11:45 - 12:00

Workshop: Neuromodulation  
10:30 - 12:00  
Room 3F

**IMPROVING NON-INVASIVE BRAIN STIMULATION IN PAIN THERAPY BY UNDERSTANDING AND IMPLEMENTING CIRCUIT MECHANISMS**
225

**Chairs:**
R. Kuner (Germany)

**CHEMONEGENETIC AND OPTOGENETIC STUDIES UNRAVELLING BRAIN CIRCUITS MEDIATING PAIN RELIEF VIA MOTOR CORTEX STIMULATION IN RODENT MODELS OF NEUROPATHIC PAIN**
R. Kuner (Germany)  
10:30 - 10:55

**TAPPING UNEXPECTED TARGETS: HIDDEN MECHANISMS OF MOTOR CORTEX STIMULATION FOR PAIN RELIEF**
L. Garcia-Larrea (France)  
10:55 - 11:20

**FACILITATED CORTICAL EXCITABILITY IN PROLONGED EXPERIMENTAL PAIN CONDITIONS AND THE EFFECTS OF RTMS ON THE HUMAN DORSOLATERAL PREFRONTAL CORTEX**
T. Graven-Nielsen (Denmark)  
11:20 - 11:45

**DISCUSSION**  
11:45 - 12:00

Workshop: Basic Science  
10:30 - 12:00  
Room 2H

**INFLAMMATORY MARKERS OF CHRONIC PAIN AND PAIN SENSITIVITY - USING BIOMARKER PANELS FOR MOLECULAR DISCOVERY IN HUMANS**
196

**Chairs:**
C.S. Nielsen (Norway)

**RESOLVINAS AS CIRCULATING MARKERS OF HEAT PAIN SENSITIVITY AND OSTEOARTHRITIS PAIN**
A. Valdes (United Kingdom)  
10:30 - 10:55

**PROTEOMIC AND LIPIDOMIC PROFILING OF PAIN SENSITIVITY**
C.S. Nielsen (Norway)  
10:55 - 11:20
Scientific Programme

CEREBROSPINAL FLUID MARKERS OF CHRONIC PAIN PATHOPHYSIOLOGY
E. Bäckryd (Sweden) 11:20 - 11:45

DISCUSSION 11:45 - 12:00

Refresher Course: Pain Syndromes
10:30 - 12:00  Room 4C

PAIN DURING AGING

Chairs:
D. Tibboel (Netherlands)

PAIN IN CHILDREN
D. Tibboel (Netherlands) 10:30 - 10:55

PAIN IN ADOLESCENTS
10:55 - 11:20

PAIN IN THE ELDERLY
P. Schofield (United Kingdom) 11:20 - 11:45

DISCUSSION 11:45 - 12:00

Oral Communications
10:30 - 12:00  Room 4F

ORAL COMMUNICATIONS 2

Chairs:
E. Pogatzki-Zahn (Germany)

PAIN AS A FIRST AND ONE OF THE MOST DISTURBING SYMPTOMS OF MULTIPLE SCLEROSIS
M. Bozhenko (Ukraine) 10:30 - 10:40

IS THE ALTERED BRAIN MORPHOLOGY IN CHRONIC PANCREATITIS DRIVEN BY PAIN OR OTHER DISEASE CHARACTERISTICS?
J.A. Muthulingam (Denmark) 10:40 - 10:50

EFFECTS OF A TAILORED EXERCISE PROGRAM IN KNEE OSTEOARTHRITIS PATIENTS WITH CHRONIC PAIN: AN FNIRS STUDY
Ö. Öztürk (Turkey) 10:50 - 11:00

A PROSPECTIVE GLOBAL REGISTRY OF REAL-WORLD OUTCOMES USING SPINAL CORD STIMULATION SYSTEMS FOR CHRONIC PAIN
11:00 - 11:10

POLYMORPHISMS OF THE µ-OPIOID RECEPTOR GENE INFLUENCE PAIN PROCESSING IN FIBROMYALGIA AND HEALTHY CONTROLS
I. Ellerbrock (Sweden) 11:10 - 11:20

FACILITATORY AND INHIBITORY PAIN MECHANISMS IN HUMANS: METHODOLOGICAL ADVANCES
M. Hubli (Switzerland) 11:20 - 11:30
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

DIFFUSE NOXIOUS INHIBITORY CONTROLS AND BRAIN NETWORKS ARE MODULATED IN A TESTOSTERONE-DEPENDENT MANNER IN SPRAGUE DAWLEY RATS
J. Da Silva (United States)

Poster Session
12:10 - 13:00
Poster Area

Basics in Pain walk 1

MICROGLIA PROMOTE NEUROPATHIC PAIN VIA ELIMINATING GABAERGIC SYNAPSES IN SPINAL CORD
F. Andrijauskas (Brazil)

GENOME-WIDE ASSOCIATION STUDY REVEALS SEX-SPECIFIC GENETIC INFLUENCE IN CHRONIC WIDESPREAD MUSCULOSKELETAL PAIN
P. Bellosta-López (Spain)

CLASSICAL MOLECULAR DYNAMICS: A TOOL TO SPEED THE PAIN RESEARCH UP
I. Zlatkin (Israel)

RESULTS OF THE WHO FIELD TESTING FOR THE CLASSIFICATION OF CHRONIC PAIN FOR THE ICD-11

EUROPEAN KNOWLEDGE ALLIANCE FOR INNOVATIVE MEASURES IN PREVENTION OF WORK-RELATED MUSCULOSKELETAL DISORDERS
T. Oriel (United States)

WHOSE DECISION IS THE BEST DECISION? CLINICAL DECISION-MAKING REGARDING THE MANAGEMENT OF PAIN: DIFFERENCES BETWEEN NOVICE, INTERMEDIATE AND EXPERT NURSES
M. Yildirim (Spain)

RECOVER-E - A MOBILE SUPPORT FOR PATIENTS WITH HIP- OR KNEE REPLACEMENT

THE ROLE OF STRUCTURED PAIN MANAGEMENT EDUCATION TO PREVENT PAIN UNDERESTIMATION AMONG NURSING STUDENTS
T. Oriel (United States)

CURRENT TREATMENTS FOR CHRONIC PAIN MANAGEMENT: EFFECTS OF ONLINE EDUCATION ON RHEUMATOLOGIST AND PRIMARY CARE PHYSICIAN KNOWLEDGE AND CONFIDENCE

KNOWLEDGE AND PRACTICE OF PAIN ASSESSMENT AND MANAGEMENT AMONG NURSES IN SERBIA

Poster Session
12:10 - 13:00
Poster Area

Diagnosis & Measurement in Pain walk 1

AWARENESS OF AND ADHERENCE TO CONCUSSION GUIDELINES AMONG COACHES IN HANDBALL IN DENMARK

DEFINING THE THERAPEUTIC WINDOW (TW) FOR SPINAL CORD STIMULATION (SCS) USING EVOKED COMPOUND ACTION POTENTIAL (ECAP) RECORDINGS - RESULTS FROM THE EVOKE STUDY
ACUTE POST-OPERATIVE PAIN AFTER ORTHOGNATHIC SURGERY COULD BE PREDICTED BY CONDITIONED PAIN MODULATION (CPM) AND PAIN CATASTROPHIZING SCALE (PCS)-MAGNIFICATION
K. Takashima (Japan)

DIFFERENCES IN PRESSURE PAIN THRESHOLDS IN COMPUTER WORKERS WITH CHRONIC TRAPEZIUS MYALGIA, NON-SPECIFIC CHRONIC NECK PAIN AND HEALTHY WORKERS
A. Nunes (Portugal)

MONITORING ELECTRICAL BRAIN RESPONSES AROUND NOCICEPTIVE DETECTION THRESHOLD
T. Berfelo (Netherlands)

PRECLINICAL AND CLINICAL MEASUREMENTS OF DESCENDING CONTROLS: A TRANSLATIONAL STUDY

EVOKE COMPOUND ACTION POTENTIAL (ECAP) RECORDINGS PROVIDE INSIGHT INTO THE VARIABILITY OF SPINAL CORD (SC) ACTIVATION DURING SPINAL CORD STIMULATION (SCS)
H. Nijhuis (Netherlands)

ASSESSING CHRONIC PAIN HEALTH LITERACY: A SCOPING REVIEW OF PAIN-SPECIFIC INSTRUMENTS
P. Mandysova (Czech Republic)

Poster Session
12:10 - 13:00
Poster Area

Pain Syndromes walk 1

INVASIVE TREATMENT MODALITIES’ IMPACT ON CLINICALLY RELEVANT OUTCOMES AT 12 MONTHS FOLLOW-UP IN A CHRONIC PAIN POPULATION - AN OSLO UNIVERSITY HOSPITAL PAIN REGISTRY STUDY
L.-P. Granan (Norway)

GREATER OCCIPITAL NERVE BLOCK: A MINIMALLY INVASIVE ALTERNATIVE TO BLOOD PATCH FOR POST DURAL PUNCTURE HEADACHE TREATMENT

MITOCHONDRIA ARE REQUIRED FOR PAIN MEMORY IN SENSORY NEURONS

KETAMINE AND CHRONIC PAIN: A COHORT STUDY

THE INCIDENCE AND CHARACTERISTICS OF PERSISTENT PAIN FOLLOWING LABOUR - A SWEDISH COHORT STUDY
B. Molin (Sweden)

RETHINKING THE PAIN THRESHOLD: A CLEAR BOUNDARY OR A ZONE OF UNCERTAINTY?

PRELIMINARY ANALYSIS OF PREDICTORS OF SUCCESS AT 12 MONTH FOLLOW-UP IN A GENERAL CHRONIC PAIN POPULATION - THE OSLO UNIVERSITY HOSPITAL PAIN REGISTRY PREDICTOR STUDY
L.-P. Granan (Norway)

INCREASED MUSCLE PAIN EVOKE BY ISCHEMIC CONTRACTIONS IN A NERVE GROWTH FACTOR (NGF)-SENSITIZED MUSCLE
L.B. Sørensen (Denmark)

NEURAL CORRELATES OF COGNITIVE INHIBITION AND FACILITATION OF PAIN EXPERIENCES - PAIN RELATED THOUGHT SUPPRESSION, DISTRACTION AND PAIN CATASTROPHIZING
Scientific Programme

Poster Session
12:10 - 13:00

**Pain Syndromes walk 2**

**MILD SKIN WARMING SELECTIVELY AGGRAVATES HISTAMINERGIC AND SEROTONINERGIC ITCH - A HUMAN EXPERIMENTAL STUDY**
D. Riccio (Denmark)

**THE ASSOCIATION BETWEEN BODY IMAGE AND PRESSURE PAIN THRESHOLD: RESTING-STATE FMRI STUDY**

**QUANTITATIVE SENSORY TESTING PROFILES OF PATIENTS WITH LUMBAR RADICULOPATHY - DO THEY ASSIST IN PREDICTING CLINICAL OUTCOME AFTER SURGERY?**
B. Tampin (Australia)

**A NON-PHARMACOLOGICAL PREHABILITATION PROGRAM BASED ON A COGNITIVE-BEHAVIORAL APPROACH FOR PATIENTS SCHEDULED FOR LUMBAR SURGERY - A ONE YEAR FOLLOW-UP OF A RANDOMIZED CONTROLLED TRIAL**

**ENHANCED PRO-NOCICEPTIVE MECHANISMS ARE PRESENT IN RECURRENT LOW BACK PAIN PATIENTS, BUT ONLY DURING A PAINFUL EPISODE, IN CONTRAST TO ANTI-NOCICEPTIVE MECHANISMS**
M. McPhee (Denmark)

**SUBCUTANEOUS TANEZUMAB VERSUS PLACEBO OR TRAMADOL IN PATIENTS WITH CHRONIC LOW BACK PAIN: 16-WEEK EFFICACY AND SAFETY RESULTS FROM A PHASE 3 STUDY**

**THE NIH MINIMAL DATASET FOR CHRONIC LOW BACK PAIN: RESPONSIVENESS AND MINIMAL CLINICALLY IMPORTANT CHANGE**
A.L. Dutmer (Netherlands)

**EVIDENCE BASED TREATMENT RECOMMENDATIONS FOR BACK AND NECK PAIN ACROSS EUROPE: A SYSTEMATIC REVIEW OF GUIDELINES**

**INDIVIDUAL PATTERN OF PAIN-RELATED CORTICAL ACTIVITY IN PATIENTS WITH CHRONIC MIGRAINE AND CHRONIC BACK PAIN**

Poster Session
12:10 - 13:00

**Pain Syndromes walk 3**

**EFFECT OF DEXMEDETOMIDINE ON THE DEVELOPMENT OF MECHANICAL ALLODYNIA AND CENTRAL SENSITIZATION IN CHRONIC POST-ISCHEMIA PAIN RATS**

**NEUROINFLAMMATORY MECHANISMS OF CENTRAL SENSITIZATION ARE MEDIATED BY TNF-AND IL1-DRIVEN PATHWAYS IN A PASSIVE TRANSFER-TRAUMA MOUSE MODEL OF COMPLEX REGIONAL PAIN SYNDROME (CRPS)**

**THE SOLUBLE INTERLEUKIN-2 RECEPTOR IN COMPLEX REGIONAL PAIN SYNDROME: IS IT SUITABLE FOR DISTINGUISHING CRPS FROM OTHER PAIN CONDITIONS IN ROUTINE CLINICAL PRACTICE?**
K.D. Bharwani (Netherlands)

**“WHEN I REALIZED IT WORKED, I KEPT ON GOING” - PRELIMINARY FINDINGS: A QUALITATIVE STUDY OF CRPS-PATIENTS´ EXPERIENCES WITH GRADED MOTOR IMAGERY**
I. Krogstad Furu (Norway)
**Scientific Programme**

**PERIPHERAL VAGOSYMPATHETIC BLOCKADE IN THE CRPS THERAPY**

**NEW PERSPECTIVES ON THE TREATMENT OF COMPLEX REGIONAL PAIN SYNDROME BY KETAMINE**

**WHAT IS THE INCIDENCE OF COMPLEX REGIONAL PAIN SYNDROME TYPE I WITHIN FOUR MONTHS OF A WRIST FRACTURE IN THE ADULT POPULATION? A SYSTEMATIC REVIEW**
C. Rolls (United Kingdom)

**PRE-EXISTING HEADACHE HAS A POSTPONED CLINICAL WORSENING AFTER POST DURAL PUNCTURE HEADACHE**
S. Ljubisavljevic (Serbia)

**Poster Session**
12:10 - 13:00  
**Poster Area**

**Pain Syndromes walk 4**

**NOCICEPTIVE DESENSITIZATION Induced by 8% TOPICAL CAPSAICIN IN A MODEL OF UVB-INDUCED CUTANEOUS HYPERALGESIA**
S. Lo Vecchio (Denmark)

**EVIDENCE FOR HUMAN MINERALOCORTICOID AND GLUCOCORTICOID RECEPTORS ON PERIPHERAL NOCICEPTIVE NEURONS - TRANSLATION FROM ANIMAL TO HUMAN BIOLOGY**

**CORRELATIONS BETWEEN THE SEVERITY OF NEUROPATHIC PAIN AND SERUM CONTENTS OF BDNF AND TRKB IN PATIENTS WITH DIABETIC NEUROPATHY**
T. Filimonova (Russian Federation)

**DATA DRIVEN QUANTIFICATION OF THE EFFECTS OF DIFFERENT DOSES OF GABAPENTIN FOR PAIN IN CHRONIC PHASE IN MICE USING MANGANESE-ENHANCED MRI WITH AI BASED ANALYSES**
A. Nakae (Japan)

**SHAM-CONTROLLED NAVIGATED REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN CENTRAL POST-STROKE PAIN TARGETING M1 AND S2**
J. Ojala (Finland)

**STUDY OF SEX DIFFERENCES IN PAIN-, DEPRESSION- AND ANXIETY-RELATED BEHAVIOURS IN THE RAT SPARED NERVE INJURY MODEL OF NEUROPATHIC PAIN**

**CHARACTERIZATION OF THE GERMAN HEALTH CARE LANDSCAPE OF MIGRAINE PATIENTS IN THE DATA COLLECTION PANORAMA**

**LATE USE OF SYMPTOMATIC PHARMACOLOGICAL TREATMENT IS ASSOCIATED WITH HIGHER SENSITIZATION IN PATIENTS WITH TENSION TYPE HEADACHE**

**Poster Session**
12:10 - 13:00  
**Poster Area**

**Pain Therapies walk 1**

**COMPLIMENTARY ASIAN MEDICINE SYSTEM IN PAIN MANAGEMENT**
S. Pramod (India)
Scientific Programme

**EFFECTIVENESS OF OSTEOPATHIC MANIPULATION TO CRITICALLY EVALUATE SEVERITY SYMPTOMS IN IRRITABLE BOWEL SYNDROME - IBS**  
A. Ciardo (Spain)

**REDUCED PAIN PERCEPTION AND ANALGESIC MEDICATION CONSUMPTION AFTER ACOUSTIC BINAURAL BEATS APPLICATION IN PATIENTS SUFFERING FROM CHRONIC PAIN - A RANDOMIZED CONTROL TRIAL**  
V. Gkolias (Greece)

**THE INFLUENCE OF INFORMATION ON THE HYPOALGESIC EFFECTS OF EXERCISE - A RANDOMIZED CONTROLLED DOUBLE-BLIND STUDY**  
H.B. Vaegter

**IS IT POSSIBLE TO EVALUATE THE EFFECTS OF KINESIO TAPING ON MYOFASCIAL TRIGGER POINTS USING ULTRASOUND SHEAR-WAVE ELASTOGRAPHY? QUANTIFICATION OF KINESIO TAPING**

**AN INVESTIGATION INTO THE EFFECT OF ALTERING THE SIZE OF A VIRTUAL LIMB ON EMBODIMENT AND EXPERIMENTALLY-INDUCED CONTACT THERMAL HEAT PAIN IN HEALTHY PARTICIPANTS**

**EFFECTIVENESS OF PAIN NEUROSCIENCE EDUCATION AND COPING SKILLS TRAINING FOR PATIENTS WITH PAIN CATASTROPHISM SCHEDULED FOR A TOTAL KNEE ARTHROPLASTY: RANDOMIZED CONTROLLED PILOT STUDY**

**EFFECTS OF SPECIFIC VERSUS GENERAL EXERCISES ON NECK PROPRIOCEPTION IN PATIENTS WITH CHRONIC NON-SPECIFIC NECK PAIN**

**Pain Therapies walk 2**

**RANDOMIZED CONTROL STUDY TO EVALUATE EFFECTIVENESS OF PECTORAL NERVE BLOCK FOR POST OPERATIVE ANALGESIA IN PATIENTS UNDERGOING MASTECTOMY**

**2 YEARS FOLLOW-UP RESULTS OF COOLED VERSUS CONVENTIONAL RADIOFREQUENCY DENERVATION FOR SACROILIAC JOINT PAIN: A RETROSPECTIVE EVALUATION**

**THE OPTIMAL VOLUME OF LOCAL ANESTHETICS FOR TEMPERATURE INCREASE ON THE UPPER EXTREMITY IN ULTRASOUND-GUIDED STELLATE GANGLION BLOCK: A PROSPECTIVE RANDOMIZED AND COMPARATIVE STUDY**

**THERMAL VERSUS SUPER VOLTAGE PULSED RADIOFREQUENCY OF STELLATE GANGLION IN POST MASTECTOMY NEUROPATHIC PAIN SYNDROME: A PROSPECTIVE RANDOMIZED TRIAL**

**HEALTH PROFESSIONALS’ EXPERIENCE OF WORKING WITH PAIN REHABILITATION FOR IMMIGRANTS WHEN LANGUAGE INTERPRETER ARE NEEDED, A QUALITATIVE STUDY**

**MULTIDISCIPLINARY BACK PAIN APP IMPROVES PAIN AND SLEEP SYMPTOMS IN INDIVIDUALS SUFFERING FROM BACK PAIN - RETROSPECTIVE STUDY**

**CYP2D6-METABOLIC PHENOTYPE INFLUENCE IN PRESCRIPTION OPIOID USE DISORDER**

**A META-EPIDEMOLOGICAL APPRAISAL OF MULTIDISCIPLINARY REHABILITATION DOSING FOR CHRONIC LOW BACK PAIN**
Poster Session 1

DO WE HAVE TO CONSIDER CHRONIC PAIN AS PART OF POST-ICU SYNDROME? A PROSPECTIVE 12 MONTHS FOLLOW-UP STUDY
K. Stepanchenko (Ukraine)

A COMPASS FOR DECRYPTING THE NOCIPLASTIC PAIN MECHANISM OF TENSION-TYPE HEADACHE BASED ON NONLINEAR MULTIDIMENSIONAL ANALYSIS (DETERMINISTIC CHAOS) EEG

SYMPTOM SEVERITY IN BURNING MOUTH SYNDROME ASSOCIATES WITH PSYCHOLOGICAL FACTORS
H. Forssell (Finland)

SPATIAL DISCRIMINATION ACUITY OF NOCICEPTIVE STIMULI AND BODY REPRESENTATION DISTURBANCES IN POLYNEUROPATHY PATIENTS

EFFICACY OF ULTRASOUND-GUIDED QUADRATUS LUMBRUM BLOCKS (QLB) FOR POSTOPERATIVE ANALGESIA IN PEDIATRIC PATIENTS AFTER ABDOMINAL SURGERY: A RANDOMIZED SINGLE BLINDED CASE CONTROL STUDY

A NOVEL CYTOKINE AXIS ASSOCIATED WITH NEUROPATHIC PAIN
M. Ruhullah (Nepal)

THERAPEUTIC EFFECT OF STEROID INJECTION ON PAIN MANAGEMENT OF PEOPLE WITH FOOT PAIN IN DEVELOPING COUNTRY

ANXIETY-DEPRESSIVE DISORDERS IN WOMEN OF REPRODUCTIVE AGE WITH PELVIC VARICOSE VEINS
S. Amirkhanova (Russian Federation)

AUTONOMIC DYSREGULATION AND DECREASED HEART RATE VARIABILITY IN FIBROMYALGIA UNDER ACUTE COGNITIVE STRESS
T.A. Zetterman (Finland)

CAN WE IDENTIFY A "PURE" FIBROMYALGIA (FM) PHENOTYPE?

EVALUATION OF PREVALENCE AND INTENSITY OF PAIN IN SEDATED, VENTILATED PATIENTS USING CRITICAL CARE PAIN OBSERVATION TOOL IN A MEDICAL-SURGICAL ICU IN A CANCER CARE CENTRE
C. Dahlem (Portugal)

THE IMPACT OF MIDAZOLAM ON POSTOPERATIVE PAIN - A MULTICENTRIC PROSPECTIVE PILOT STUDY

KINESIO TAPING IN RECOVERING OF THE MOVEMENT PATTERNS IN PATIENTS WITH MYOFASCIAL PAIN SYNDROME IN THE CRANIOMANDIBULAR REGION
A. Barulin (Russian Federation)

CIRCULATING GLUTAMATE/ANANDAMIDE RATIO DIFFERS AFTER 30 MINUTES ARM-CYCLING IN CHRONIC PAIN SUBJECTS COMPARED WITH HEALTHY CONTROLS

THE EFFECT OF A POSTURE CUEING SHIRT ON POSTURE AND PERCEIVED PAIN DURING A COMPUTER TASK IN HEALTHY PARTICIPANTS
S. Christensen (Denmark)
**Scientific Programme**

**IMPAIRED SHOCK ATTENUATION IN PEOPLE WITH CHRONIC NECK PAIN DURING CURVILINEAR GAIT**  
D. Jiménez-Grande (United Kingdom)

**SMALL CASE SERIES: PELVIC PAIN OUTCOMES AFTER TRANS-VAGINAL MESH REMOVAL SURGERY AT A TERTIARY INTERDISCIPLINARY PELVIC PAIN CLINIC IN SYDNEY, AUSTRALIA**  
E. Howard (Australia)

**THE PATIENT JOURNEY IN CANCER/ CHEMOTHERAPY-RELATED NEUROPATHIC PAIN (CRNP): REVEALING GAPS BETWEEN GUIDELINES AND REAL-WORLD PRACTICE**

**INTEGRATED MODEL OF CARE IN PEDIATRIC AND NEONATAL INTENSIVE CARE UNITS: PAIN MANAGEMENT AROUND THE WORLD**

**OROFACIAL ALLODYNIA IN EXPERIMENTAL AUTOIMMUNE ENCEPHALOMYELITIS IS ACCOMPANIED BY GLIA ACTIVATION IN THE CENTRAL NERVOUS SYSTEM AND BY METABOLIC ALTERATIONS IN THE TRIGEMINAL GANGLION**  
S. Ceruti (Italy)

**ULTRASONIC VOCALIZATION ANALYSIS FOR THE STUDY OF THE AFFECTIVE COMPONENT OF ACUTE OROFACIAL PAIN AND EMOTIONAL CONTAGION OF PAIN IN RATS**  
J. Geremias Chichorro (Brazil)

**A COMMUNITY SURVEY TO ASSESS THE PREVALENCE, PAIN INTENSITY AND DISABILITY OF LOW BACK PAIN AMONG THE NORTH INDIAN POPULATION**

**QST PREDICTORS OF PHYSICAL EXERCISE TRAINING EFFECTS ON CHRONIC LOW BACK PAIN**

**A NEW METHOD TO ASSESS NERVE AND ENDOTHELIAL DEPENDENT MICROCIRCULATORY BLOOD PERFUSION IN FABRY DISEASE**

**IS NEUROPATHIC PAIN ASSOCIATED WITH COGNITIVE DECLINE?**

**DIFFERENT TITRATION OF FBT FOR BTCP CONTROL**

**ROLE OF TRANSIENT RECEPTOR POTENTIAL ANKYRIN 1 (TRPA1) ON NOCICEPTION CAUSED BY A MURINE MODEL OF BREAST CARCINOMA**

**POSTURAL MISALIGNMENTS OF THE CHILDREN AND THEIR CONTRIBUTION TO MUSCULOSKELETAL PAIN**

**ORPHAN NUCLEAR RECEPTOR NR4A1 REGULATES INFLAMMATION AND RESOLUTION OF POSTOPERATIVE PAIN**  
R. Tonello (United States)

**MULTI-MODAL ELECTROPHYSIOLOGICAL ASSESSMENTS OF DISTINCT SPINOTHALAMIC FIBRE TRACTS IN CERVICAL MYELOPATHY**  
J. Rosner (Switzerland)

**PSYCHOLOGICAL AND DEMOGRAPHICAL ASPECTS OF CHRONIC TENSION-TYPE HEADACHES: PATIENTS’ ATTENDANCE IN THE PAIN CLINIC**

**RISK FACTORS FOR NEW EPISODES OF BACK PAIN IN EMERGING ADULTS. A SYSTEMATIC REVIEW**  
B.E. Øiestad (Norway)

**FUNCTIONAL SPATIAL INTEGRATION OF MULTIPLE CONCURRENT ELECTRICAL STIMULATION ASSESSED BY MEANS OF THE NOCICEPTIVE WITHDRAWAL REFLEX IN HUMANS**  
M.C. Henrich (Denmark)
Scientific Programme

ARE PATIENT EDUCATION AND SELF-CARE ADVANTAGEOUS FOR PATIENTS WITH HEAD AND NECK CANCER? A FEASIBILITY STUDY

CORRELATIONS BETWEEN NEUROPATHIC PAIN, QUALITY OF LIFE AND MOOD IN TYPE 2 DIABETIC PATIENTS

“IT’S JUST GIVING A LOLLYPOP TO A CRYING BABY” - TORTURE-SURVIVORS’ EXPERIENCES OF HEALTHCARE SERVICES FOR MANAGING PERSISTENT PAIN
D. Board (United Kingdom)

INKK TRIAL: INTRAOPERATIVE KETAMINE FOR PERIOPERATIVE PAIN MANAGEMENT FOLLOWING TOTAL KNEE REPLACEMENT IN ONCOLOGY: A DOUBLE BLINDED RANDOMIZED TRIAL
S. Paulin (India)

MIA-INDUCED OSTEOARTHRITIS-LIKE KNEE PAIN IMPACTS ON COGNITIVE FUNCTIONS IN LISTER HOODED RATS
S. Goncalves (United Kingdom)

CHARACTERIZING EXPERIMENTAL ACUTE SHOULDER PAIN, AND THE EFFECT OF CLINICAL PROVOCATION TESTS

BILATERAL WIRELESS CUBITAL STIMULATOR FOR TREATMENT OF IDIOPATHIC BILATERAL CUBITAL NEUROPATHY

CONSEQUENCES OF CHRONIC NON-CANCER PAIN IN MENTAL HEALTH IN ADULTHOOD
C.-M. Rocio (Spain)

MULTIMODAL ANALGESIA IN TRAUMATOLOGIC SURGERY

DIET-MEDIATED PAIN AND INFLAMMATION: NUTRITIONAL CONSIDERATIONS IN SPINAL PAIN DISORDERS

PAIN ASSESSMENT IN DISABLED ADULTS: A FEW MISSING PIECES IN THE JIGSAW

SENSITIZATION IN PATIENTS WITH CHRONIC PAIN FOLLOWING KNEE OSTEOARTHRITIS OR TOTAL KNEE ARTHROPLASTY
J.B. Larsen (Denmark)

SODIUM CROMOGLYCATE IN THE TREATMENT OF ABDOMINAL PAIN IN A PATIENT WITH MAST CELL ACTIVATION SYNDROME

STRUCTURAL BRAIN CHANGES AND EXECUTIVE FUNCTIONS CAN EXPLAIN PAIN RESPONSES IN OLDER ADULTS
S. Bunk (Netherlands)

THE USE OF RADIOFREQUENCY THERMAL DENERVATION OF THE TRIGEMINAL GANGLION FOR MALIGNANT TRIGEMINAL NEUROPATHY: A CASE REPORT
M. Menon (India)

PROMISING CLINICAL EFFECT OF ADDING LOW-DOSE METHADONE IN THE TREATMENT OF COMPLEX PAIN IN PEDIATRIC PATIENTS

OPTOGENETIC EFFECT ON THE NUCLEUS ACCUMBENS CORE IN CHRONIC COMPRESSED DRG NEUROPATHIC PAIN ALLEVIATION

MEASUREMENT OF INTRAOSSEOUS PRESSURE PAIN ASSESSMENT IN ACUTE HEMATOGENOUS OSTEOMYELITIS IN CHILDREN
INVESTIGATE THE EFFECT OF LOW BACK PAIN INTENSITY ON LUMBAR REGION FLEXIBILITY, ACTIVE HIP FLEXION MOVEMENT AND QUALITY OF LIFE IN PATIENTS WITH HIP OSTEOARTHRITIS

TRANS-SACROCOCCYGEAL JUNCTION BLOCK OF GANGLION IMPAR FOR PERINEAL PAIN CONTROL IN ADVANCED CANCER PATIENTS

THE EFFECT OF TREATMENT ON PAIN, FUNCTION AND MOBILITY IN ANKYLOSING SPONDYLITIS

PERCUTANEOUS LASER DISC DECOMPRESSION - EXPERIENCE IN CLINICAL HOSPITAL CENTRE OSIJEK

POSTOPERATIVE PAIN CONTROL AFTER TOTAL KNEE REPLACEMENT IN PATIENTS WITH END STAGE OSTEOARTHRITIS

RISK FACTORS FOR NECK PAIN IN YOUNG ADULTS - A SYSTEMATIC REVIEW

ROLE OF MIRROR IMAGE THERAPY FOR PHANTOM LIMB PAIN IN BELOW KNEE AMPUTEES

NON PHARMACOLOGICAL TREATMENT OF PHANTOM LIMB PAIN: A SYSTEMATIC REVIEW

MULTIDISCIPLINARY EDUCATION TO TREAT ACUTE AND CHRONIC CHILDHOOD PAIN

INVOLVEMENT OF IFN-γ OF TRIGEMINAL SPINAL SUBNUCLEUS CAUDAL MICROGLIA IN NEUROPATHIC PAIN IN RATS WITH INFRAORBITAL NERVE INJURY
S. Asano (Japan)

ASSESSMENT OF RODENT-SPECIFIC WELFARE-BEHAVIOR AS A SURROGATE MARKER FOR PAIN AFTER INCISION INJURY
D. Segelcke (Germany)

DEVELOPMENT OF TWO APPS FOR NECK AND BACK PAIN MANAGEMENT IN OFFICE WORKERS
G. Ruiz (Spain)

DIGITAL BIOMARKERS OF GAIT AND ASSOCIATIONS WITH FUNCTION IN KNEE OSTEOARTHRITIS AND LUMBAR SPINAL STENOSIS

MACHINE LEARNING - FROM ARTIFICIAL INTELLIGENCE TO PAIN RESEARCHES: DELINEATING LABORATORY EXPERIMENTS
F. Andrijauskas (Brazil)

EFFECTIVENESS OF SELF-MANAGEMENT APP FOR CHRONIC LOW BACK PAIN: A PILOT RANDOMIZED CONTROLLED TRIAL
Y. Tsuboi (Japan)

INJURY RELATED PAIN IN COLLEGIATE ATHLETES IN ONE REPORTING SEASON

WAYS TO COMPENSATE FOR MORAL PAIN IN VISUAL IMPAIRMENT

THE PAIN ALARM RESPONSE - HOW CONSCIOUS AWARENESS SHAPES PAIN
M. Pontén (Sweden)

PAIN TOLERANCE THRESHOLD AND PSYCHOLOGICAL PARAMETERS IN EXPERIMENTAL PAIN RESEARCH (COLD PRESSOR TEST; CPT)

OPIOID CALCULATORS: QUALITY OR JUST QUANTITY?

IS THE HIGH BURDEN IN CHRONIC LOW BACK PAIN IN FACT RELATED TO PRESENCE OF CHRONIC WIDESPREAD PAIN?
OREXIN POTENTIATES GABAA RECEPTOR-MEDIATED IPSCS BY ACTIVATION OF POSTSYNAPTIC OREXINERGIC RECEPTOR 1 IN THE RAT INSULAR CORTEX

ENHANCED ATP SECRETION FOLLOWING NOCICEPTIVE STIMULATION AND MODULATION OF NOCICEPTIVE TRANSMISSION VIA P2X RECEPTORS IN THALAMOCINGULATE PATH
Y.-H. Kuan (Taiwan, Republic of China)

SWITCH TO STRONG OPIOIDS IN CHRONIC OPIOID USERS: ANALYSIS OF THE FRENCH NATIONAL HEALTH INSURANCE DATABASE. THE FRANTALGIC STUDY
E. Begley (United Kingdom)

“I WISH I NEVER STARTED THEM”. INVESTIGATING THE EXPERIENCES OF UK HEALTH CARE PROFESSIONALS AND PATIENTS OF USING OPIOIDS TO TREAT CHRONIC NON-CANCER PAIN
E. Begley (United Kingdom)

CLUSTERING PATIENTS WITH FIBROMYALGIA USING THE FIBROMYALGIA IMPACT QUESTIONNAIRE REVISED (FIQR): DIFFERENCES IN CLINICAL OUTCOMES, ECONOMIC COSTS, INFLAMMATORY MARKERS AND GRAY MATTER VOLUMES
J. Luciano (Spain)

INTERACTION OF PAIN-LTP AND PAIN-LTD SUGGEST THE OPERATION OF HIGHER ORDER PLASTICITY (METAPLASTICITY) IN THE HUMAN PAIN SYSTEM
F. Bicu (Germany)

HOW TO BUILD MULTI-STAKEHOLDER PLATFORMS TO TACKLE THE SOCIETAL IMPACT OF PAIN AT NATIONAL LEVEL

PHARMACOKINETIC AND PHARMACODYNAMICS ASSESSMENT OF THE ANTI-NOCICEPTIVE EFFECT OF PROPOFOL AND THIOPENTHAL IN RAT

MORPHINE-INDUCED HYPERALGESIA AND PKCɛ EXPRESSION IN DORSAL ROOT GANGLION: THE ROLE OF NK1 RECEPTOR

SOCIETAL IMPACT OF PAIN (SIP) - EXPERIENCES FROM A SIP NATIONAL PLATFORM IN FRANCE
G. Pickering (France)

WHAT DO PATIENTS LIVING WITH CHRONIC PAIN THINK ABOUT THE NEW ICD-11 CLASSIFICATION OF CHRONIC PAIN? A EUROPE-WIDE ONLINE SURVEY
B. Korwisi (Germany)

THE EFFECT OF PAIN AND STIMULUS SALIENCE ON TEMPORAL ATTENTION- A MULTI-STUDY EXAMINATION USING THE ATTENTIONAL BLINK TASK

CLINICAL MANAGEMENT OF NECK AND LOW BACK PAIN THROUGH PERSONALISED PROGNOSTIC MODELS: THE BACK-UP PROJECT
H. De Rosario (Spain)

TRENDS IN PRESCRIBING OPIOID DRUGS IN THE UNITED KINGDOM FROM 2011 TO 2016

EFFECT OF PH AND OXYGEN TENSION ON DORSAL ROOT GANGLION CALCIUM RESPONSE TO BRADYKININ AND NEURITE SPROUTING
J. Ma (Switzerland)

ANALYSIS OF THE BATTEY OPERATION: INDICATIONS, OUTCOMES AND CHRONIC PELVIC PAIN

THE EFFECTS OF USE-DEPENDENT NEUROPLASTICITY AND CHRONIC PAIN ON SOMATOSENSORY PERIPHERAL AND CORTICAL EXCITABILITY
Scientific Programme

THE ASSOCIATION BETWEEN CHRONIC PAIN AND PHYSICAL ACTIVITY AT WORK AND IN LEISURE TIME - THE TROMSØ STUDY
M. Fjeld (Norway)

PAIN CATASTROPHIZING: “WHAT IF...?” CATASTROPHIC WORRY IS AN OVERLOOKED ASPECT?
L. Petrini (Denmark)

EVOKE COMPOUND ACTION POTENTIAL RECORDING TO FURTHER UNDERSTAND EFFECT OF TITRATING MEDICATION WITH SPINAL CORD STIMULATION - CASE STUDY
N. Mekhail (United States)

MTBI AND WHIPLASH DISABILITY VARIANCE 6- MONTHS POST- MOTOR VEHICLE COLLISION EXPLAINED BY DIFFERENT FACTORS
U. Kaiser (Germany)

ASSESSING THE SPECIFICITY OF ALPHA FREQUENCY IN PREDICTING PAIN

FEAR OF MOVEMENT AND PAIN CATASTROPHIZING AT BASELINE PREDICT TREATMENT OUTCOME ONE YEAR AFTER A PAIN MANAGEMENT PROGRAM
N. Evans (Denmark)

RISK FACTORS PREDICTION OF PAIN TO PREVENTION OF OXALIPLATIN-INDUCED PAINFUL NEUROPATHY: AN EXPLORATORY STUDY

BELIEFS OF WEATHER INFLUENCE AND CHRONIC PAIN: A PILOT STUDY WITH AN APP WITH GEOPOSITIONING TECHNOLOGY


THE INFLUENCE OF FATIGUE ON THE NOCICEPTIVE FLEXION REFLEX: A RANDOMIZED CROSS-OVER STUDY
J. Van Oosterwijck (Belgium)

A SINGLE-DOSE, PLACEBO-CONTROLLED, CROSS-OVER STUDY TO EVALUATE LPS-INDUCED HYPERALGESIA IN HEALTHY VOLUNTEERS

MULTIDISCIPLINARY STUDY PROTOCOL FOR FIBROMYALGIA DIAGNOSIS: CIRCULATING LYMPHOCYTES OPIOID RECEPTORS AS INNOVATIVE BIOMARKERS

PAIN INTERFERENCE TYPE AND LEVEL GUIDE THE ASSESSMENT PROCESS IN CHRONIC PAIN
T. Miettinen (Finland)

IS THE HOSPITAL ANXIETY AND DEPRESSION SCALE A GOOD MEASURE OF EMOTIONAL DISTRESS IN PATIENTS WITH CHRONIC PAIN?
R. Lo Martire (Sweden)

PAIN MEASUREMENT AND ANALYSIS: A BIOMETRIC APPROACH TO THE CHRONICIZATION OF PAIN
C. Cavalier (France)

PRIOR COGNITIVE INFORMATION DIFFERENTIALLY MODULATES THE INSULA ACTIVITIES DURING PAIN AND TACTILE PROCESSING
COMPARISON OF ELECTRODES DESIGNED FOR PREFERENTIAL ACTIVATION OF CUTANEOUS NOCICEPTORS VIA EXPERIMENTAL ASSESSMENTS AND COMPUTATIONAL MODELING
A.H. Poulsen (Denmark)

VALIDITY AND RELIABILITY OF THE EUROPEAN PORTUGUESE VERSION OF THE FUNCTIONAL DISABILITY INVENTORY
R. Andias (Portugal)

IMPORTANCE OF TYING THE SCIATIC NERVE IN ABOVE KNEE AMPUTATION TO PREVENT NEUROMA FORMATION

FENTANYL VERSUS DEXMEDETOMIDINE WITH BUPIVACAINE IN ULTRASOUND GUIDED SUPRACLAVICULAR BLOCK IN HEAMODIALYSIS SHUNT SURGERIES

USING PERCUTANEOUS ELECTRICAL NEUROSTIMULATION (PENS) TO TREAT REFRACATORY NEUROPATHIC PAIN POSTHERNIORRHAPHY
P. Rego Hermida (Spain)

MULTIDISCIPLINARY TEAM (MDT) SIMULATION IN REMOTE SITE PAIN THEATRES

ULTRASOUND GUIDED INJECTION TECHNIQUE FOR TRIGGER FINGER AS A NON SURGICAL ALTERNATIVE

A 12-WEEK MULTICOMPONENT THERAPY IN FIBROMYALGIA IMPROVES HEALTH BUT NOT IN CONCOMITANT MODERATE DEPRESSION, AN EXPLORATORY PILOT STUDY

PROGNOSTIC FACTORS FOR 12-MONTH-OUTCOME AFTER INTERDISCIPLINARY TREATMENT IN PATIENTS WITH CHRONIC PAIN - A NATIONWIDE MULTICENTRE PROSPECTIVE COHORT STUDY

MULTIDISCIPLINARY SHOULDER SERVICE
J.C. Castillo Velasco (Spain)

CHANGES IN PAIN FOLLOWING A 6 WEEK WEIGHT MANAGEMENT IN-PATIENT PROGRAMME

MULTIFOCAL TDCS TARGETTING THE RESTING-STATE MOTOR NETWORK MODULATES CORTEX EXCITABILITY ON PROLONGED PAIN
L. Gregoret (Denmark)

LONG-TERM EFFECTS OF HIGH-DOSE SCS FOR TREATMENT OF CHRONIC PAIN IN PATIENTS WITH CBLP AND CRPS: OUTCOMES OF A PROSPECTIVE CASE SERIES
I.D. Eikelboom-Demper (Netherlands)

INTER-ICTAL CHARACTERISTICS OF PERIPHERAL CIRCULATING INFLAMMATORY MEDIATORS IN MIGRAINE PATIENTS UNDER ADJUNCTIVE CERVICAL NON-INVASIVE VAGUS NERVE STIMULATION

HITTING THE TARGET: PERIPHERAL FIELD MODULATION FOR STEternal PAIN
C. Cheah (United Kingdom)

ANALGESIC EFFICACY OF “BURST” AND TONIC (500HZ) SPINAL CORD STIMULATION PATTERNS: A RANDOMISED PLACEBO-CONTROLLED STUDY

IMPROVEMENT OF HEALTH-RELATED QUALITY OF LIFE IN PATIENTS WITH SPINAL CORD STIMULATION: DATA FROM THE PRODUCT SURVEILLANCE REGISTRY

OUTCOMES USING AN SCS DEVICE CAPABLE OF DELIVERING COMBINATION THERAPY (SIMULTANEOUS OR SEQUENTIAL) AND ADVANCED WAVEFORMS/FIELD SHAPES

PATIENTS’ GOALSETTING BEFORE SPINAL CORD STIMULATION: A QUALITATIVE EXPLORATION IN PATIENTS WITH FAILED BACK SURGERY SYNDROME
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

OUTCOMES OF A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL UTILIZING A SPINAL CORD SYSTEM CAPABLE OF MULTIPLE NEUROSTIMULATION MODALITIES (COMBO STUDY)

EFFECT OF LOW FREQUENCY REPEATED TRANSCRANIAL MAGNETIC STIMULATION ON PSYCHOLOGICAL AND PAIN ASSOCIATED SYMPTOMS IN FIBROMYALGIA PATIENTS
A.H. Ansari (Guyana)

STRENGTHENING PALLIATIVE CARE IN LATIN AMERICA: A CALL FOR ACTION

A SYSTEMATIC REVIEW OF THE GASTROINTESTINAL SAFETY PROFILE OF IBUPROFEN AT OVER-THE-COUNTER DOSES
S. Hanid (United Kingdom)

EFFECTS OF RANOLAZINE, A LATE SODIUM CURRENT BLOCKER, ON ACTION POTENTIAL PROPAGATION IN PERIPHERAL NERVES
F. Deen (United Kingdom)

THE IMPACT OF TAPENTADOL ON QUALITY-OF-LIFE AND SICK LEAVE: REAL-WORLD DATA FROM THE GERMAN PAIN PRACTICE REGISTRY (GPPR)

IMPORTANCE OF CCL17/CCL22/CCR4 SIGNALING IN NOCICEPTIVE TRANSMISSION AND MORPHINE ANALGESIC POTENCY IN NAIIVE AND NEUROPATHIC ANIMALS

ANALGESIA INDUCED BY 2-HZ ELECTROACUPUNCTURE IN THE RAT NEUROPATHIC PAIN DEPENDS ON THE ZONA INCERTA

PHARMACOGENETICS APPLIED TO TAPENTADOL EFFECTIVENESS ON AMBULATORY CHRONIC PAIN PATIENTS

DEMONSTRATION OF SIGNIFICANT DECREASES IN PAIN ENDPOINTS IN SUBJECTS WITH PAINFUL OSTEOARTHRITIS OF THE KNEE AFTER SINGLE/MULTIPLE DOSES OF A NOVEL ANTI-NGF, ANTI-TNFα BISPECIFIC MOLECULE

IMMUNE-INFLAMMATORY PATHWAYS AND CLINICAL CHANGES IN FIBROMYALGIA PATIENTS TREATED WITH MINDFULNESS-BASED STRESS REDUCTION (MBSR): A RANDOMIZED, CONTROLLED CLINICAL TRIAL
A. Feliu-Soler (Spain)

Workshop: Pain Syndromes
13:00 - 14:30
Hall 1A

IMPROVING THE DIAGNOSIS AND MANAGEMENT OF NEUROPATHIC CANCER PAIN

277

Chairs:
R. Rolke (Germany)

CANCER-RELATED PAIN CLASSIFICATION AND MANAGEMENT STANDARDS; ICD-11 AND EFIC
E. Eisenberg

DOES QUANTITATIVE SENSORY TESTING HAVE A ROLE IN CANCER PAIN ASSESSMENT?
M. Mulvey (United Kingdom)
Scientific Programme

ADVANCES IN ANALGESIC MANAGEMENT STRATEGIES FOR NEUROPATHIC CANCER PAIN
R. Rolke (Germany)

DISCUSSION

OPPOSING EMOTIONAL ATTITUDES MAY ALL LEAD TO HYPOALGESIA: THE ROLE OF OPTIMISM, PESSIMISM AND ALEXITHYMIA

THE HYPOALGESIC EFFECTS OF OPTIMISM
M. Peters (Netherlands)

THE HYPOALGESIC EFFECTS OF PESSIMISM AND DEPRESSION
S. Lautenbacher (Germany)

ALEXITHYMIA MAY LEAD TO HYPOALGESIA
S. Duschek (Austria)

DISCUSSION

PLACEBO EFFECTS ON PAIN: FROM THE LAB TO THE CLINIC

INTRODUCTION

PLACEBO EFFECTS IN CHRONIC NEUROPATHIC PAIN
I. Skyt (Denmark)

OPTIMISING PRE-OPERATIVE EXPECTATIONS IN PATIENTS UNDERGOING CARDIAC SURGERY: EFFECTS ON ACUTE POST-SURGICAL PAIN AND 6-MONTHS DISABILITY IN THE PSY-HEART TRIAL
J. Laferton (Germany)

OPTIMISING EXPECTATIONS OF PAIN, WHAT ARE THE LIMITS?
K. Peerdeman (Netherlands)

DISCUSSION

CHAIR’S SUMMARY AND FUTURE DIRECTIONS OF RESEARCH
Scientific Programme

Workshop: Neuromodulation
13:00 - 14:30
Room 3F

TARGETING THE DRG - A NEW PARADIGM FOR NEUROPATHIC PAIN
256

Chairs:
A. Al-Kaisy (United Kingdom)

THE DRG - A LIKELY PERIPHERAL PAIN GENERATOR IN KEY CHRONIC PAIN STATES
M. Devor (Israel)

PHARMACOLOGICAL TARGETING OF THE DRG - NEW PROSPECTS
P. Anand (United Kingdom)

NEUROMODULATION STRATEGIES TARGETING THE DRG - A NEW PARADIGM FOR MANAGING NEUROPATHIC PAIN
A. Al-Kaisy (United Kingdom)

DISCUSSION

Workshop: Basic Science
13:00 - 14:30
Room 2H

PERSONALISED MECHANISTIC PAIN MEDICINE USING QUANTITATIVE SENSORY TESTING (QST)
136

Chairs:
K. Petersen (Denmark)

THE NEED FOR PERSONALISED MECHANISTIC PAIN MEDICINE AND ITS ROLE FOR ACUTE AND CHRONIC PAIN AFTER SURGERY
E. Pogatzki-Zahn (Germany)

SENSORY PHENOTYPES OF PATIENTS WITH PERIPHERAL NEUROPATHIC PAIN
J. Vollert (United Kingdom)

PAIN MECHANISTIC PROFILING OF PATIENTS WITH OSTEOPOROSIS
K. Petersen (Denmark)

DISCUSSION

Refresher Course: Headache
13:00 - 14:30
Room 4C

HEADACHE AND OROFACIAL PAIN

Chairs:
K. Paemeleire (Belgium)
INTRODUCING THE INTERNATIONAL CLASSIFICATION OF HEADACHE DISORDERS 13:00 - 13:25
L. Bendtsen (Denmark)

CLINICAL AND PARA-CLINICAL TESTS IN THE ROUTINE EXAMINATION OF HEADACHE PATIENTS 13:25 - 13:50
K. Paemeleire (Belgium)

THERAPEUTIC GUIDELINES FOR COMMON HEADACHE AND FACIAL PAIN DISORDERS 13:50 - 14:15
P. Geppetti

Q&A 14:15 - 14:30

ORAL COMMUNICATIONS 3

ASSESSMENT OF CENTRAL SENSITIZATION IN NEUROPATHIC PAIN FOLLOWING SPINAL CORD INJURY 13:00 - 13:10
R. Lütolf (Switzerland)

CHRONIC TENSION-TYPE HEADACHE AND COPING STRATEGIES IN ADOLESCENTS. A QUALITATIVE INTERVIEW STUDY 13:10 - 13:20
A.L. Dutmer (Netherlands)

PERSONAL AND SOCIETAL IMPACT OF LOW BACK PAIN; THE GRONINGEN SPINE COHORT 13:20 - 13:30

DOES THREAT OF PAIN INFLUENCE CORTICAL MOVEMENT PREPARATION IN LOW BACK PAIN? 13:30 - 13:40
J. Van Oosterwijck (Belgium)

EXPERIENCE OF PAIN FROM INDIGENOUS AUSTRALIAN PERSPECTIVE 13:40 - 13:50

LIFE SATISFACTION IN OLDER ADULTS WITH CHRONIC PAIN 13:50 - 14:00
H.-J. Dong (Sweden)

RELIABILITY AND VALIDITY OF FIVE TIMES SIT TO STAND TEST IN PREGNANCY-RELATED PELVIC GIRDLE PAIN 14:00 - 14:10

A RANDOMIZED PLACEBO-CONTROLLED TRIAL OF INTRAOPERATIVE ADMINISTRATION OF CA-008 FOR POST-OPERATIVE ANALGESIA AFTER BUNIONECTOMY 14:10 - 14:20
M. Royal (United States)

BACK PAIN IN BRAZILIAN ADOLESCENTS: A LONGITUDINAL STUDY 14:20 - 14:30
M. Noll (Brazil)
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

**Scientific Programme**

**Workshop: General**
14:30 - 16:00  
Hall 1A

**SOCIETAL IMPACT OF PAIN - CHANGING PAIN MEDICINE THROUGH POLITICAL ACTION**

**Chairs:**  
T. Toelle (Germany)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 14:30 - 14:55 | **WHAT IS SIP?**  
B. Morlion (Belgium)                                                                 |
| 14:55 - 15:20 | **CREATING NATIONAL PLATFORMS TO TACKLE THE SOCIETAL IMPACT OF PAIN (TO COVER: WHAT IS THE PAIN POLICY SITUATION IN FRANCE? WHAT HAS BEEN DONE SO FAR TO SET UP A SIP PLATFORM IN FRANCE?)**  
G. Pickering (France)                                                                 |
| 15:20 - 15:45 | **THE GLOBAL APPROACH TO PAIN POLICY (TO COVER: THE GLOBAL PAIN POLICY LANDSCAPE, WHO/ICD, UN NCDS PLAN, WHAT IASP CHAPTERS OUTSIDE OF EUROPE CAN DO)**  
L. Arendt-Nielsen (Denmark)                                                                 |
| 15:45 - 16:00 | **DISCUSSION**                                                                 |

**Workshop: Psychology**
14:30 - 16:00  
Hall 1B

**THE EFFECTS OF PAIN ON ATTENTION AND LEARNING - OLD PROBLEM, NEW INSIGHTS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 14:30 - 14:55 | **MOVEMENTS ASSOCIATED WITH BACK PAIN INDUCE BODILY VIGILANCE TO THE BACK**  
S. Van Damme (Belgium)                                                                 |
| 14:55 - 15:20 | **THE EFFECTS OF PAIN AND PAIN-RELATED FEAR ON ATTENTION AND LEARNING DEPENDING ON THE BODY-SITE**  
K. Schmidt (Germany)                                                                 |
| 15:20 - 15:45 | **NOT QUITE IDEAL OBSERVERS: HOW WE LEARN ABOUT PAIN**  
K. Wiech (United Kingdom)                                                                 |
| 15:45 - 16:00 | **DISCUSSION**                                                                 |
Scientific Programme

Workshop: Pharmacological Topics
14:30 - 16:00

ADVANCES TOWARD PRECISION PAIN MEDICINE
151

Chairs:
M. Smuck (United States)

GENE THERAPY
T. Maus (United States)
14:30 - 14:55

IMAGING BIOMARKERS
V. Shah (United States)
14:55 - 15:20

DIGITAL BIOMARKERS
M. Smuck (United States)
15:20 - 15:45

DISCUSSION
15:45 - 16:00

Workshop: Neuromodulation
14:30 - 16:00

USING EVOKED COMPOUND ACTION POTENTIALS (ECAPS) TO THE ELUCIDATE MECHANISMS OF ACTION AND IMPROVE CLINICAL PREDICTABILITY AND LONG-TERM COMPLIANCE OF SPINAL CORD STIMULATION
247

MECHANISMS OF ACTION OF SCS: WHAT WE KNOW, WHAT WE’RE STILL TRYING TO UNDERSTAND AND WHAT ECAPS CAN TEACH US
14:30 - 14:55

LONG TERM RESULTS FROM A PROSPECTIVE, MULTI-CENTER, DOUBLE-BLIND, RANDOMISED CONTROLLED TRIAL EXAMINING THE SAFETY AND EFFICACY OF CLOSED-LOOP SCS USING ECAPS
N. Mekhail (United States)
14:55 - 15:20

IMPROVING CLINICAL PREDICTABILITY BY CAPITALISING ON THE MOA USING CLOSED-LOOP SCS: A SUB-ANALYSIS OF INTER-GROUP SCS DIFFERENCES FROM A DOUBLE BLIND RANDOMISED CONTROLLED TRIAL
S. Falowski (United States)
15:20 - 15:45

DISCUSSION
15:45 - 16:00

Workshop: Basic Science
14:30 - 16:00

FACTORS AFFECTING CONDITIONING PAIN MODULATION IN ANIMAL, HUMAN-EXPERIMENTAL AND LARGE-SCALE COHORT STUDIES
206

Chairs:
T. Graven-Nielsen (Denmark)
**Scientific Programme**

**TRANSLATIONAL PROBING: ENDOGENOUS TOP-DOWN CONTROLS**  
K. Bannister (United Kingdom)  
14:30 - 14:55

**CONDITIONING PAIN MODULATION IN MODELS OF PAIN AND PAIN PATIENTS**  
T. Graven-Nielsen (Denmark)  
14:55 - 15:20

**CONDITIONING PAIN MODULATION IN THE GENERAL POPULATION: RESULTS FROM A LARGE-SCALE STUDY OF 18,000 ADULTS**  
C.S. Nielsen (Norway)  
15:20 - 15:45

**DISCUSSION**  
15:45 - 16:00

---

**Refresher Course: Pain Syndromes**  
14:30 - 16:00  
Room 4C

**ASSESSMENT OF PAIN**

**Chairs:**  
L. Garcia-Larrea (France)

**CLINICAL ASSESSMENT**  
D. Ciampi de Andrade  
14:30 - 14:55

**QUESTIONNAIRES**  
D. Bouhassira (France)  
14:55 - 15:20

**LABORATORY TESTS**  
L. Garcia-Larrea (France)  
15:20 - 15:45

**Q&A**  
15:45 - 16:00

---

**Oral Communications**  
14:30 - 16:00  
Room 4F

**ORAL COMMUNICATIONS 4**

**Chairs:**  
J. Osterbrink (Austria)

**SUBCUTANEOUS TANEZUMAB FOR OSTEOARTHRITIS PAIN: A 24-WEEK PHASE 3 STUDY WITH A 24-WEEK FOLLOW UP**  
14:30 - 14:40

**HUMAN IAPP MEDIATES PAINFUL DIABETIC PERIPHERAL NEUROPATHY**  
M.M. Asiri (Netherlands)  
14:40 - 14:50

**SUBCUTANEOUS TANEZUMAB VERSUS TRAMADOL FOR CHRONIC LOW BACK PAIN: EFFICACY AND SAFETY RESULTS FROM A 56-WEEK PHASE 3 STUDY WITH A 24-WEEK FOLLOW UP PERIOD**  
14:50 - 15:00

**EARLY PREDICTION OF CHRONIC POSTSURGICAL NEUROPATHIC PAIN USING THE DOULEUR NEUROPATHIQUE 2 QUESTIONNAIRE**  
M. Rijsdijk (Netherlands)  
15:00 - 15:10
Scientific Programme

A SHARED DECISION APPROACH TO CHRONIC ABDOMINAL PAIN BASED ON CINE-MRI: A PROSPECTIVE COHORT STUDY 15:10 - 15:20
R. ten Broek (Netherlands)

EPIGENETICS OF THE BRAIN-DERIVED NEUROTROPHIC FACTOR (BDNF) GENE IN PEOPLE WITH FIBROMYALGIA AND CHRONIC FATIGUE SYNDROME (FM/CFS): AN EXPLORATIVE STUDY 15:20 - 15:30
A. Polli (Belgium)

PAIN TRAJECTORIES AS PHENOTYPES OF KNEE OSTEOARTHRITIS 15:30 - 15:40
M.R. Radojčić (United Kingdom)

CENTRAL SENSITIZATION IN PEOPLE WITH NON-TRAUMATIC NECK PAIN: SYSTEMATIC REVIEW AND META-ANALYSIS OF OBSERVATIONAL STUDIES 15:40 - 15:50
Y. Xie (Australia)

PAIN AND DISABILITY IN LOW BACK PAIN CAN BE REDUCED DESPITE NO IMPROVEMENTS IN THE PAIN SENSORY PROFILE 15:50 - 16:00
T.S. Palsson (Denmark)

Plenary 16:30 - 17:00 Hall 1A
PLENARY SESSION 1 - NEUROMODULATION - WHERE ARE WE GOING TO? A VIEW IN THE FUTURE OF STIMULATION THERAPIES

NEUROMODULATION - WHERE ARE WE GOING TO? A VIEW IN THE FUTURE OF STIMULATION THERAPIES 16:30 - 17:00
D. de Ridder (New Zealand)

Plenary 17:00 - 17:30 Hall 1A
PLENARY SESSION 2 - INTERDISCIPLINARY APPROACHES TO CHRONIC PAIN PATIENTS

INTERDISCIPLINARY APPROACHES TO CHRONIC PAIN PATIENTS 17:00 - 17:30
C. McCabe (United Kingdom)

Plenary 17:30 - 18:00 Hall 1A
PLENARY SESSION 3 - GENDER AND MIGRAINE

GENDER AND MIGRAINE 17:30 - 18:00
Scientific Programme

Networking
18:15 - 19:30
Hall 1A

OPENING CEREMONY

Networking
19:30 - 20:30
Hall 1A

WELCOME RECEPTION
Thursday, 05. September 2019

Plenary
08:30 - 09:00 Hall 1A

PLENARY SESSION 4 - THE ROLE OF THE IMMUNE SYSTEM IN PAIN
THE ROLE OF THE IMMUNE SYSTEM IN PAIN 08:30 - 09:00
S. McMahon (United Kingdom)

Plenary
09:00 - 09:30 Hall 1A

PLENARY SESSION 5 - THE ROLE OF GENETICS IN PAIN
THE ROLE OF GENETICS IN PAIN 09:00 - 09:30
L. Diatchenko (Canada)

Plenary
09:30 - 10:00 Hall 1A

PLENARY SESSION 6 - PAIN AND OPIOIDS IN CANCER CARE: BENEFITS, RISKS, AND ALTERNATIVES
PAIN AND OPIOIDS IN CANCER CARE: BENEFITS, RISKS, AND ALTERNATIVES 09:30 - 10:00
J. Paice (United States)

Workshop: Neuropathic Pain
10:30 - 12:00 Hall 1A

HOW TO CONDUCT DIAGNOSTIC TESTS IN PATIENTS SUSPECTED OF NEUROPATHIC PAIN

300

Chairs: A. Truini (Italy)

INTRODUCTION 10:30 - 10:45
HOW TO CONDUCT QUANTITATIVE SENSORY TESTING 10:45 - 11:00
A. Schilder (Germany)
HOW TO RECORD LASER AND COOL EVOKED POTENTIALS 11:00 - 11:15
C. Lenoir (Belgium)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:15 - 11:30</td>
<td>LIGHT MICROSCOPY INVESTIGATION OF SKIN SLICES IN NORMAL HUMANS AND IN PATIENTS WITH PAINFUL NEUROPATHIES (E. Galosi, Italy)</td>
</tr>
<tr>
<td>11:30 - 11:45</td>
<td>DISCUSSION</td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>CHAIR SUMMARY AND FUTURE DIRECTIONS OF RESEARCH</td>
</tr>
</tbody>
</table>

**Workshop: CRPS**  
10:30 - 12:00  
**Auditorium 1A**

**NEW ASPECTS OF COMPLEX REGIONAL PAIN SYNDROME**  
130

**Chairs:**  
C. Maihöfner (Germany)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 - 10:55</td>
<td>SIGNS AND SYMPTOMS IN CRPS: PICTURES OF A COMPLEX AND HETEROGENEOUS DISEASE (C. Maihöfner, Germany)</td>
</tr>
<tr>
<td>10:55 - 11:20</td>
<td>INFLAMMATION AND AUTOIMMUNITY IN CRPS: WHAT IS THE SIGNIFICANCE? (A. Goebel, United Kingdom)</td>
</tr>
<tr>
<td>11:20 - 11:45</td>
<td>TREATMENT OF CRPS: HOW CAN WE TAILOR OUR THERAPY? (F. Huygen, Netherlands)</td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>DISCUSSION</td>
</tr>
</tbody>
</table>

**Workshop: Psychology**  
10:30 - 12:00  
**Hall 1B**

**AVOIDANCE BEHAVIOR IN PAIN: INSIGHTS FROM ASSOCIATIVE LEARNING, COMPUTATIONAL MODELING AND BRAIN IMAGING**  
263

**Chairs:**  
A. Meulders (Belgium)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 - 10:55</td>
<td>OPERANT LEARNING OF PAIN-RELATED AVOIDANCE BEHAVIOR (A. Meulders, Belgium)</td>
</tr>
<tr>
<td>10:55 - 11:20</td>
<td>THE REINFORCEMENT LEARNING MODEL OF PAIN (B. Seymour, United Kingdom)</td>
</tr>
<tr>
<td>11:20 - 11:45</td>
<td>AVOIDANCE LEARNING: FROM BASIC CIRCUITS TO PSYCHOLOGICAL INTERVENTION (T. Wager, United Kingdom)</td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>DISCUSSION</td>
</tr>
</tbody>
</table>
DOES NGF NEUTRALISING THERAPY FULFILL ITS PROMISE AS NOVEL ANALGESIC DRUG?

269

Chairs:
M. Koltzenburg (United Kingdom)

NGF IS A PIVOTAL REGULATOR OF NOCICEPTOR SENSITIVITY
M. Koltzenburg (United Kingdom) 10:30 - 10:55

ANALGESIC EFFECTIVENESS AND ADVERSE EVENTS IN TRIALS OF ANTI-NGF ANTIBODY THERAPIES
M. Metcalfe 10:55 - 11:20

NOVEL ANTI-NGF THERAPIES FOR THE TREATMENT OF PAIN
S. Westbrook (United Kingdom) 11:20 - 11:45

DISCUSSION 11:45 - 12:00

ALTERED NOCICEPTIVE PROCESSING IN MIGRAINE AND TENSION TYPE HEADACHE: DIFFERENCES AND SIMILARITIES IN QUANTITATIVE SENSORY TESTING (QST) PROFILES AND BIOMARKERS

23

Chairs:
C. Fernández-de-las-Peñas (Spain)

ALTERED NOCICEPTIVE PROCESSING AS ASSESSED BY QUANTITATIVE SENSORY TESTING IN PRIMARY HEADACHES
L. Arendt-Nielsen (Denmark) 10:30 - 10:55

BIOMARKER PROFILES OF TENSION TYPE HEADACHES AND MIGRAINE: SIMILARITIES AND DIFFERENCES
G. Sandrini (Italy) 10:55 - 11:20

QUANTITATIVE SENSORY TESTING (QST) PROFILES OF TENSION TYPE HEADACHE AND MIGRAINE: SIMILARITIES AND DIFFERENCES
C. Fernández-de-las-Peñas (Spain) 11:20 - 11:45

DISCUSSION 11:45 - 12:00
Scientific Programme

Workshop: Basic Science
10:30 - 12:00 Room 2H

PERIPHERAL AND CENTRAL MECHANISMS UNDERLYING THE TRANSITION OF ACUTE TO CHRONIC MUSCULOSKELETAL PAIN

Chairs:
S. Sikandar (United Kingdom)

DISTINCT PRIMARY AFFERENT POPULATIONS DRIVE THE TRANSITION FROM ACUTE TO CHRONIC MUSCULOSKELETAL PAIN 10:30 - 10:55
S. Sikandar (United Kingdom)

IMMUNE REGULATION OF THE TRANSITION OF ACUTE TO CHRONIC PAIN 10:55 - 11:20
N. Eijkelkamp (Netherlands)

CLINICAL EVALUATION OF PAIN CHRONIFICATION, SENSITISATION AND ENDOGENOUS MODULATION IN MUSCULOSKELETAL PAIN CONDITIONS 11:20 - 11:45
T. Graven-Nielsen (Denmark)

DISCUSSION 11:45 - 12:00

Refresher Course: Pain Syndromes
10:30 - 12:00 Room 4C

ACUTE AND POSTSURGICAL PAIN

Chairs:
E. Pogatzki-Zahn (Germany)

EPIDEMIOLOGY, ASSESSMENT AND PATHOPHYSIOLOGICAL CONSEQUENCES OF ACUTE PAIN AFTER SURGERY 10:30 - 10:55
R. van Boekel (Netherlands)

PHARMACOLOGICAL MANAGEMENT OF ACUTE PAIN AFTER SURGERY 10:55 - 11:20
S. Schug (Australia)

INTERVENTIONS FOR MANAGEMENT OF ACUTE AND FOR PREVENTION OF CHRONIC PAIN AFTER SURGERY 11:20 - 11:45
E. Pogatzki-Zahn (Germany)

Q&A 11:45 - 12:00

Patient Care
10:30 - 12:00 Room 4F

PATIENT ENCOUNTERS AND COMPLIANCE WITH TREATMENT RECOMMENDATIONS

Chairs:
B. Fullen (Ireland)

BEHAVIOURAL CHANGE THEORY TO SUPPORT PATIENT CONSULTATIONS 10:30 - 10:55
T. Pincus (United Kingdom)
Scientific Programme

BARRIERS AND FACILITATORS TO PHYSICAL ACTIVITY/EXERCISE IN INDIVIDUALS/POPULATIONS WITH PAIN 10:55 - 11:20
R. Smeets (Netherlands)

HEALTH LITERACY/NOCEBO 11:20 - 11:45
B. Fullen (Ireland)

DISCUSSION 11:45 - 12:00

Industry Supported
12:15 - 13:45

INDUSTRY SUPPORTED SESSION 1

Industry Supported
12:15 - 13:45

INDUSTRY SUPPORTED SESSION 2

Industry Supported
12:15 - 13:45

INDUSTRY SUPPORTED SESSION 3

Poster Session
12:30 - 13:30

Basics in Pain walk 2

DIFFERENTIAL REGULATION OF PAIN AND ANXIETY BEHAVIORS BY CEA NEURONS

TRANSDIFFERENTIATION AND MICROFLUIDIC CHAMBERS AS TOOLS TO APPROACH THE IN-VIVO SKETCH OF HUMAN NOCICEPTORS
S. Giorgi (Spain)

SELECTIVE PEPTIDE TOXINS FOR ASSESSING NAV CHANNEL FUNCTION IN SENSORY NEURONS

TRPV1 RECEPTOR ACTIVATION BY CAPSAICIN IS MODULATED BY OXYTOCIN IN CULTURED DORSAL ROOT GANGLION NEURONS

BASELINE CORTICAL ACTIVITY PREDICTS REACTIVITY TO NOCICEPTIVE STIMULI DURING SLEEP

DEPLETION OF EXTRACELLULAR POTASSIUM LEADS TO AN ACCUMULATION OF INTRAXONAL SODIUM AND ONGOING ACTIVITY IN MOUSE C-FIBRES VIA NAV1.9
J. Pakalniskis (Germany)

MODULATION OF TRIGEMINAL ACTIVITY BY OLFACTORY CO-STIMULATION
Scientific Programme

ENDOCANNABINOID AND N-ACYLETHANOLAMIDE LEVELS IN RAT BRAIN AND SPINAL CORD FOLLOWING SYSTEMIC DIPYRONE AND PARACETAMOL ADMINISTRATION

IN VITRO AND IN VIVO EVIDENCE FOR THE ROLE OF SPHINGOMYELIN AND LIPID RAFTS IN CA2+-GATING OF THE TRANSIENT RECEPTOR POTENTIAL CHANNELS IN SENSORY NEURONS

PAIN SENSITIVITY IS RHYTHMIC; CONTROLLED BY SLEEP AND CIRCADIAN ENDOGENOUS PROCESSES
I. Daguet (France)

Poster Session
12:30 - 13:30
Poster Area

Diagnosis & Measurement in Pain walk 2

PREDICTION OF POSTOPERATIVE PAIN AND OPIOID EFFECT BY PSYCHOLOGICAL PARAMETERS AND INTRAOPERATIVE MEASURES OF NOCICEPTION
S. Mathivon (Switzerland)

INVESTIGATING THE EFFECT OF PRIMING WITH HEAT AND CAPSAICIN ON THE DEVELOPMENT OF HYPERALGESIA TO HIGH FREQUENCY ELECTRICAL STIMULATION

DIFFERENCE IN EXERCISE-INDUCED HYPOALGESIA AFTER 3-MINUTE ISOMETRIC WALLSQAUT EXERCISE IN SUBGROUPS OF HEALTHY SUBJECTS

CENTRAL ASPECTS OF PAIN IN THE KNEE (CAP-KNEE) QUESTIONNAIRE FOR ASSESSING CENTRAL MECHANISMS IN PEOPLE WITH KNEE PAIN

DO PHYSICAL ACTIVITY LEVELS PREDICT THE EFFICACY OF CONDITIONED PAIN MODULATION? RESULTS FROM A CROSS-SECTIONAL STUDY IN HEALTHY INDIVIDUALS
S. Van Oosterwijck (Belgium)

VERY-EARLY ACUTE CLINICAL PAIN, PSYCHOPHYSICAL PAIN SENSITIVITY AND PSYCHOLOGICAL DISTRESS CAN PREDICT PAIN BEHAVIOR IN MTBI POST-COLLISION PATIENTS AT ONE-YEAR POST-INJURY

ENHANCING THE PERCEPTION OF PAIN USING VIRTUAL REALITY: A PRELIMINARY REPRODUCIBILITY STUDY

RELIABILITY ASSESSMENT OF THE CONDITIONED PAIN MODULATION PARADIGM WITH A CONTACT HEAT AS A CONDITIONING STIMULUS
A. Knezevic (Serbia)

PAIN REPORTING ACCURACY AND PAIN RELATED PSYCHOLOGICAL FACTORS

MEASUREMENT PROPERTIES OF PATIENT-REPORTED UNIDIMENSIONAL PAIN INTENSITY SCALES USED IN ADULTS WITH CHRONIC PAIN - A SYSTEMATIC REVIEW

Poster Session
12:30 - 13:30
Poster Area

Pain Syndromes walk 5

CYLINDRICAL LEADS FOR PERCUTANEOUS IMPLANTATION IN SPINAL CORD STIMULATION FOR FAILED BACK SURGERY SYNDROME: IMPLANT OF TWO ELECTRODES IN ANATOMICAL POSITION
Scientific Programme

SEVERITY OF INFLAMMATORY BACK PAIN AND DISEASE ACTIVITY IN PATIENTS WITH EARLY AXIAL SPONDYLOARTHRITIS

SEX-SPECIFIC EFFECTS IN THE GENETICS OF CHRONIC BACK PAIN

CHRONIC LOW BACK PAIN IN THE ADULT’S SPANISH POPULATION: IDENTIFYING CLINICAL SUBGROUPS THROUGH CLUSTER ANALYSIS

ANALYSIS OF ULTRASONIC VOCALIZATIONS IN RATS SUBJECTED TO CHRONIC OROFACIAL PAIN MODELS
E. Araya (Brazil)

MENTHOL, A TRPM8 AGONIST, PROMOTES OROFACIAL ANTINOCICEPTION IN ADULT ZEBRAFISH THROUGH TRPA1 ANTAGONISM

PREOPERATIVE CONDITIONED PAIN MODULATION AND PAIN CATASTROPHYZING PREDICT PAIN 12 MONTHS AFTER TOTAL KNEE ARTHROPLASTY
K. Petersen (Denmark)

PRIOR TREADMILL WALKING EXERCISE ALLEVIATES PRIMARY AND SECONDARY HYPERALGESIA IN A RAT OSTEOARTHRITIS MODEL

Poster Session
12:30 - 13:30
Poster Area

Pain Syndromes walk 6

EVALUATING INCIDENCE AND PREVALENCE OF PAIN IN PATIENTS ATTENDING FOR ELECTIVE JOINT REPLACEMENT
M. Galligan (United Kingdom)

PREVALENCE OF CHRONIC AND NEUROPATHIC PAIN IN ADULTS WITH MOTOR DISABILITY IN CARE IN BUENOS AIRES CENTERS
V. Matassa (Argentina)

BURN PATIENTS PAIN DURING DRESSING CHANGES
M. Stojanovic (Serbia)

PRESSURE PAIN SENSITIVITY AND MUSCLE STIFFNESS MAPS OF THE GASTROCNEMIUS MUSCLES IN STROKE PATIENTS: A PILOT STUDY
I. Garcia-Bernal (Spain)

THE DISTRIBUTION OF CHRONIC PAIN CONDITIONS IN A PSYCHIATRIC OUTPATIENT POPULATION

DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF AN E-TRAINING FOR PAIN ASSESSMENT IN PEOPLE WITH DEMENTIA
P. Braaksma (Netherlands)

INCREASING AGE IS ASSOCIATED WITH ELEVATED CIRCULATING INTERLEUKIN-6 LEVELS AND ENHANCED TEMPORAL SUMMATION OF MECHANICAL PAIN IN PEOPLE LIVING WITH HIV AND CHRONIC PAIN
B. Goodin (United States)

NOCICEPTIVE-SPECIFIC DETECTION TASK ENCODES PERCEPTUAL PAIN THRESHOLD IN TRPV1-CHR2 TRANSGENIC MICE
Superficial Pain Syndromes walk 7

- **COMPARISON OF ANALGESIC EFFECTS OF MARAVIROC, RS504393 AND CENICRIVIROC IN RODENTS AFTER SCIATIC NERVE INJURY BASED ON BEHAVIORAL AND MOLECULAR STUDIES**
- **THE PATIENT JOURNEY IN POST-SURGICAL NEUROPATHIC PAIN (PSNP): REVEALING GAPS BETWEEN GUIDELINES AND REAL-WORLD PRACTICE**
- **A RECOMBINANT HUMAN SOLUBLE THROMBOMODULIN (ART-123) PREVENTS OXALIPLATIN-INDUCED HYPERALGESIA WITHOUT AFFECTING ANTI-TUMOR ACTIVITY IN RODENTS**
  T. Minami (Japan)
- **DEFINING ESTIMANDS IN A PHASE 2 CHRONIC PAIN TRIAL**
- **A STUDY OF THE ROLE OF PSYCHOLOGICAL FLEXIBILITY AMONG UK ADULT PATIENTS WITH PAINFUL DIABETIC NEUROPATHY**
  K. Kioskli (United Kingdom)
- **µ1- OPIOID RECEPTORS MEDIATE THE ANTAGONISTIC EFFECT OF ROSMARINUS OFFICINALIS L. (ALECRIM) IN NEUROPATHIC PAIN IN MICE**
- **NEUROPHYSIOLOGIC FINDINGS IN SYMPTOMATIC PATIENTS AFTER CHEMOTHERAPY**
  N. Saleque (United Kingdom)
- **SENSITIZATION OF NOCICEPTIVE SENSORY NEURONS BY OXALIPLATIN**
- **CORRELATIONS BETWEEN NEUROPATHIC PAIN, QUALITY OF LIFE AND MOOD IN TYPE 2 DIABETIC PATIENTS**

Superficial Pain Syndromes walk 8

- **CHARACTERISTICS OF NEUROPATHIC PAIN AND ITS IMPACT ON QUALITY OF LIFE IN PATIENTS WITH CHRONIC LOW BACK PAIN SYNDROME**
- **LINACLOTIDE TREATMENT REDUCES ENDOMETRIOSIS-ASSOCIATED VAGINAL HYPERALGESIA AND MECHANICAL ALLODYnia THROUGH VISCERO-VISCERAL CROSS-TALK**
  G. Hannig (United States)
- **PAIN MODULATORY PHENOTYPES DIFFERENTIATE CHRONIC PANCREATITIS PATIENTS WITH DISTINCT CLINICAL PAIN PROFILES**
- **CHRONIC STRESS INDUCES BLADDER PAIN THROUGH AN TRK A-ALPHA 1A ADRENOCEPTOR MEDIATED MECHANISM**
  F. Creed (United Kingdom)
- **THE RISK FACTORS FOR NEW ONSETS OF FIBROMYALGIA: THE LIFELINES STUDY**
- **EFFECTS OF A 15 WEEKS RESISTANCE EXERCISE PROGRAM ON LEVELS OF ENDOCANNABINOIDS AND N-ACYLETHANOLAMINES IN WOMEN WITH FIBROMYALGIA AND HEALTHY CONTROLS**
- **IDENTIFICATION OF GENETIC DETERMINANTS FOR CENTRAL PAIN SENSITIZATION IN FIBROMYALGIA PATIENTS**
Scientific Programme

PATHOPHYSIOLOGICAL BASIS OF PAIN IN FIBROMYALGIA

DISRUPTED CROSS-FREQUENCY COUPLING RELATED TO COGNITIVE IMPAIRMENTS IN THE RESERPINE-INDUCED MYALGIA MODEL

Pain Therapies walk 4

REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN CENTRAL POST-STROKE PAIN: THE ROLE OF DOPAMINE D2 RECEPTOR GENE POLYMORPHISM IN TREATMENT OUTCOME
J. Vanhanen (Finland)

INTERLEUKIN -6 PROMOTES SPONTANEOUS FIRING OF SENSORY AFFERENT FIBRES IN THE RAT

WHISPER RCT: AN UPDATED POST-HOC EVALUATION OF SUB-PERCEPTION SCS AT ≤1.2 KHz IN PREVIOUSLY-IMPLANTED SUBJECTS

TARGETED NEUROSTIMULATION IN PATIENTS REPORTING CHRONIC FOCAL PAIN IMPLANTED WITH A SPINAL CORD STIMULATION SYSTEM CAPABLE OF MULTIPLE WAVEFORM PROGRAMMING OPTIONS

POSTERIOR INSULA AS A POTENTIAL TARGET FOR NEUROPATHIC PAIN TREATMENT - AN EXPERIMENTAL STUDY ON A CAT MODEL OF LOW AND HIGH FREQUENCY INSULAR STIMULATION
H.D. Chehade (Lebanon)

UNILATERAL L4-DORSAL ROOT GANGLION STIMULATION EVOKES PAIN RELIEF IN CHRONIC NEUROPATHIC POSTSURGICAL KNEE PAIN AND CHANGES OF INFLAMMATORY MARKERS: PRELIMINARY RESULTS

CORTICAL AND SUB-CORTICAL RESPONSES TO REAL AND SHAM MOTOR CORTEX REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IN FIBROMYALGIA INVOLVE DISTINCT FUNCTIONAL CONNECTOME SUB-SYSTEMS

Pain Therapies walk 3

PATTERNS OF OPIOID PRESCRIBING FOR PATIENTS BEFORE REFERRAL TO A UNIVERSITY HOSPITAL SECONDARY CARE PAIN MEDICINE SERVICE IN LIVERPOOL, UK
H.K. Tsang (United Kingdom)

THE USE OF NON-OPIOID ANALGESICS IN PATIENTS TAKING ANTIPATELET DRUGS AND ANTICOAGULANTS, WHAT TO LOOK FOR IN CLINICAL PRACTICE

IMPROVED SAFETY OF OPIOID ANALGESIC OLICERIDINE COMPARED TO MORPHINE ASSESSED BY UTILITY FUNCTION ANALYSIS

DIETARY ASCORBIC ACID RESTRICTION IN GNL/SMP30-KNOCKOUT MICE UNVEILS THE ROLE OF ASCORBIC ACID IN REGULATION OF CAV3.2-DEPENDENT PAIN
TOPICAL MORPHINE FOR THE TREATMENT OF CANCER-RELATED PAINFUL MUCOSAL AND CUTANEOUS LESIONS: A DOUBLE-BLIND, PLACEBO-CONTROLLED CROSS-OVER CLINICAL TRIAL
T. Dzierzanowski (Poland)

THE ASSOCIATION BETWEEN ACCEPTANCE AND PSYCHOLOGICAL AND PHYSICAL FUNCTION IN PORTUGUESE WOMEN IN CHRONIC PAIN DUE TO ENDOMETRIOSIS
A. Rosa (Portugal)

CONTRIBUTION OF MINDFUL SELF-COMPASSION PROGRAM IN SELF-CARE PRACTICE AND NEGATIVE MOOD IN CHRONIC PAIN PATIENTS

Poster Session
12:30 - 13:30
Poster Area

Poster Session 2

CANCER PAIN MANAGEMENT: CAN WE IMPROVE QOL: LETS FORM GUIDELINES
S. Pramod (India)

LONG-TERM EFFICACY OF FREMANEZUMAB IN SUBGROUPS OF MIGRAINE PATIENTS WITH CLINICAL CHALLENGES THAT COMPLICATE MIGRAINE MANAGEMENT

INFLUENCE OF AGING ON POSTOPERATIVE PAIN: RESULTS FROM THE INTERNATIONAL PAIN OUT REGISTRY
J. van Dijk (Netherlands)

EFFECT OF FMRI-GUIDED NEURONAVIGATION BASED RTMS THERAPY ON PAIN PERCEPTION IN FIBROMYALGIA PATIENTS

OBJECTIVE MEASUREMENTS OF LUMBAR SPINE FUNCTION IN BACK PAIN PATIENTS UNDERGOING HIGH-FREQUENCY SPINAL CORD STIMULATION AT 10 KHZ

BENZODIAZEPINES: ADJUNCTS FOR PAIN TREATMENT?
E. Guertzenstein (Brazil)

NO EVIDENCE OF SUBJECTIVE CENTRAL NERVOUS SYSTEM-RELATED ADVERSE EVENTS/ABUSE AND DEPENDENCE POTENTIAL WITH OLODANRIGAN, A NOVEL PERIPHERALLY ACTING ANGIOTENSIN II TYPE 2 RECEPTOR ANTAGONIST

EXAGGERATED HYPERALGESIA AND BLUNTED CONDITIONED PAIN MODULATION IN PATIENTS WITH MAJOR DEPRESSIVE DISORDER
H. Reschke (Germany)

PAIN-RELATED INTERFERENCE AND ANALGESIC NEEDS SIX MONTHS AFTER SURGERY

DIFFERENT BODY PERCEPTION DISTURBANCE PHENOTYPES IN COMPLEX REGIONAL PAIN SYNDROME

ANALGESIC EFFECTS OF INTRAVENOUS KETAMINE AFTER SPINAL ANAESTHESIA FOR NON- ELECTIVE CAESAREAN SECTION: A RANDOMIZED CONTROLLED TRIAL

METERED-DOSE CANNABIS INHALER PROVIDES CONSISTENT, DOSE-RELATED THC BLOOD CONCENTRATION AND ANALGESIC EFFECTS, IN PATIENTS WITH CHRONIC NEUROPATHIC PAIN

A NEW ALLODYNOGRAPHY QUANTIFICATION METHOD FOR SOMATOSENSORY REHABILITATION IN COMPLEX REGIONAL PAIN SYNDROME
FOLATE CONJUGATED NANOPARTICULATE DRUG DELIVERY SYSTEM FOR THE EFFECTIVE MANAGEMENT OF RHEUMATOID ARTHRITIS

OPTOGENETIC STRATEGIES TO INVESTIGATE PROFILES OF EXCITATORY PROJECTION FROM THE INSULAR CORTEX TO TRIGEMINAL SPINAL SUBNUCLEUS CAUDALIS

CURRENT STATUS OF PAIN MEDICINE TRAINING IN RESIDENCY PROGRAMS IN KOREA: A SURVEY OF ANESTHESIOLOGY AND PAIN MEDICINE RESIDENTS IN UNIVERSITY HOSPITALS

MIRROR THERAPY IN MULTIDISCIPLINARY TREATMENT OF CRPS I PATIENTS

IMPACT OF FREMANEZUMAB ON HRQOL IN CHRONIC MIGRAINE PATIENTS WITH DOCUMENTED INADEQUATE RESPONSE TO ≥3 CLASSES OF MIGRAINE PREVENTIVE TREATMENTS IN THE PLACEBO-CONTROLLED FOCUS STUDY
V. Ramirez-Campos (United States)

CELLULAR SIGNALING IN DORSAL ROOT GANGLION NEURONS FOLLOWING ACUTE EXPOSURE TO PACLITAXEL IN VITRO

POSSIBLE MECHANISMS INVOLVED IN THE ANTI-NOCICEPTIVE EFFECTS OF HYDRO-ETHANOLIC LEAF EXTRACT OF ZIZIPHUS ABBYSINICA

THE EFFECTIVENESS OF CONDITIONED PAIN MODULATION IS NEGATIVELY ASSOCIATED WITH LEVELS OF PAIN CATASTROPHIZING IN CHRONIC LOW BACK PAIN

THE OROFACIAL ANTINOCICEPTIVE ACTIVITY OF CIS-JASMONE IN ADULT ZEBRAFISH IS MEDIATED BY TRPM8 CHANNELS

DOES PHYSICAL THERAPY REDUCE PAIN IN PATIENTS WITH PERIPHERAL ARTERY OCCLUSIVE DISEASE?

A FEASIBILITY STUDY ON PAIN NEUROSCIENCE EDUCATION IN INSTITUTIONALIZED OLDER ADULTS WITH CHRONIC PAIN
A. Silva (Portugal)

BIOSPYSCHOSOCIAL APPROACHES TO SUPPORT AMPUTEES POST-OPERATIVELY: MULTIDISCIPLINARY INPUT WITH SPECIALIST PAIN SERVICES
H.K. Tsang (United Kingdom)

IMPACT OF FREMANEZUMAB ON DISABILITY IN CHRONIC MIGRAINE PATIENTS WITH DOCUMENTED INADEQUATE RESPONSE TO ≥3 CLASSES OF MIGRAINE PREVENTIVE TREATMENTS IN THE PLACEBO-CONTROLLED FOCUS STUDY

ASSOCIATION BETWEEN TEMPOROMANDIBULAR JOINT OSTEARTHRITIS AND MITOCHONDRIAL DNA HAPLOGRUPHS IN A KOREAN POPULATION
M. Chang (Korea, Republic of)

MANAGEMENT THE FUNCTIONAL STATUS AND THE QUALITY OF LIFE OF PATIENTS WITH KNEE OSTEOARTROSIS AND RELATED FACTORS
A.M. Rodrigues da Cunha (Brazil)

NOCICEPTIVE RESPONDING IN THE VALPROIC ACID ANIMAL MODEL OF AUTISM AND ASSOCIATED CHANGES IN NEURONAL ACTIVATION
R.M. Humphrey (Ireland)

EFFICACY AND SAFETY OF TOPICAL NONIVAMIDE/NICOBOXIL FIXED DOSE COMBINATION (NONI) IN ACUTE LOW BACK PAIN (A-LBP): A RANDOMISED, PLACEBO CONTROLLED TRIAL
T. Weiser (Germany)

THE EFFECT OF SOFT TISSUE MOBILIZATION ON PAIN, FUNCTION AND DEPRESSIVE SYMPTOMS IN PATIENTS WITH CHRONIC LOW BACK PAIN
GLYCOGEN SYNTHASE KINASE 3 INHIBITOR AF3581 DECREASES NEUROPATHIC PAIN IN RATS
B. Garrone (Italy)

SMALL MOLECULE SOMATOSTATIN RECEPTOR SUBTYPE 4 AGONISTS ARE NOVEL CANDIDATES FOR THE TREATMENT OF NEUROPATHIC PAIN AND DEPRESSION

THE ANALGESIC EFFICACY OF ULTRASOUND GUIDED CONTINUOUS QUADRATUS LUMBORUM BLOCK VERSUS CONTINUOUS PARAVERTEBRAL BLOCK IN RADICAL CYSTECTOMY-A RANDOMIZED STUDY

DYNAMIC MECHANICAL SENSITIVITY IN THE TRIGEMINAL AREA IS ASSOCIATED WITH WIDESPREAD PRESSURE PAIN SENSITIVITY IN CLUSTER HEADACHE
L. Arendt-Nielsen (Denmark)

THE CLINICAL COURSE OF LOW BACK PAIN DURING A MUNICIPALITY-BASED REHABILITATION PROGRAMME
E. Rona (Denmark)

THE RELATIONSHIP BETWEEN SEDENTARY BEHAVIOUR AND PAIN IN PEOPLE WITH RHEUMATOID ARTHRITIS
H. O’Leary (Ireland)

SUICIDAL IDEATION AND THOUGHTS OF SELF-HARM IN PEOPLE WITH FIBROMYALGIA: A COMPARISON WITH PEOPLE FROM OTHER PERSISTENT PAIN POPULATIONS

COMBINED BLOCK OF THE VASTUS MEDIALIS, SAPHENOUS NERVE AND IPACK BLOCK AS AN ANALGESIC STRATEGY IN TOTAL KNEE REPLACEMENT SURGERY

INTRA-ARTICULAR GOLD MICRO PARTICLES RELIEVE PAIN IN KNEE OSTEARTHRITIS. A PILOT STUDY
S. Rasmussen (Denmark)

DIFFERENTIAL OPIOID FUNCTION IN A RAT MODEL OF ANXIETY-LIKE BEHAVIOUR AND AUGMENTED OSTEOARTHRITIS PAIN

COMPARISON OF INTRAVENOUS AND EPIDURAL PATIENT-CONTROLLED ANALGESIA IN ELDERLY AFTER FEMORAL FRACTURES SURGERY: RANDOMIZED CONTROLLED TRIAL
G. Kristek (Croatia)

SEARCHING OF RELIEF OF THE SENSORY SIGNS IN A POST-ISCHEMIC PAIN MODEL IN RATS

PAIN AND DISABILITY IN PEOPLE WITH SACROILIAC JOINT DYSFUNCTION (SIJD)

EFFECTIVE TREATMENT OPTIONS FOR LUMBAR DISK HERNIATION WITH RADICULOPATHY
M. Ivanova (Russian Federation)

EFFICACY OF MULLIGAN MOBILISATION TECHNIQUE IN CHRONIC NON-SPEISIFIC LOW BACK PAIN

THE ASSOCIATION BETWEEN PRO-INFLAMMATORY CYTOKINES, MRI FINDINGS AND QUANTITATIVE SENSORY TESTING IN PATIENTS WITH SCIATICA
Samueley-Leichtag (Israel)

INVolVEMENT OF HEMOKININ-1 IN TRIGEMINAL SENsitIZATION AFTER OROFACIAL INFLAMMATION

PAIN NEUROSCIENCE EDUCATION AND COGNITION-TARGETED MOTOR CONTROL TRAINING TO IMPROVE CERVICAL MOTOR OUTPUT IN CHRONIC NECK PAIN PATIENTS: SECONDARY ANALYSIS OF A MULTICENTER RCT
**Scientific Programme**

“REAL-LIFE” MANAGEMENT OF PATIENTS CONSULTING FOR PERIPHERAL NEUROPATHIC PAIN IN FRENCH TERTIARY PAIN UNITS  
S. Perrot (France)

POSSIBLE INVOLVEMENT OF SPINAL ENDOCANNABINOIDS IN A RAT MODEL OF TRIGEMINAL NEUROPATHIC PAIN  
K. Nakai (Japan)

THE PATIENT JOURNEY IN POST-HERPETIC NEURALGIA (PHN): REVEALING GAPS BETWEEN GUIDELINES AND REAL-WORLD PRACTIC  
THE INFLUENCE OF RS1001179 POLYMORPHISM OF THE CATALASE GENE ON DISEASE ACTIVITY IN PATIENTS WITH JUVENILE IDIOPATHIC ARTHRITIS TREATED WITH ETANERCEPT  
J. Basic (Serbia)

EFFECT OF MONOPOLAR ELECTRICAL DRY NEEDLING ON PAIN AND SPONTANEOUS ELECTRICAL ACTIVITY OF MYOFASCIAL TRIGGER POINTS  
CONTRIBUTION OF ADAM10 AND ADAM 17 TO FRACtalkINE SHEDDING AND NEURONAL-MICROGLIA COMMUNICATION IN NEUROPATHIC PAIN  
PARTICIPATION OF AT2R AND HCN ION CHANNELS IN MODELS OF ARTHRITIC PAIN  
L.G. Pinto (United Kingdom)

MIRROR THERAPY FOR PHANTOM LIMB AND STUMP PAIN: A RANDOMIZED CONTROLLED CLINICAL TRIAL IN LANDMINE AMPUTEES IN CAMBODIA  
CROSSTALK BETWEEN THE HMGB1/RAGE AND CSE/H2S/CAV3.2 PATHWAYS INVOLVED IN CYSTITIS-RELATED BLADDER PAIN IN MICE  
COULD ANTICONVULSANTS HAVE AN EFFECT ON MOOD DISORDERS ASSOCIATED WITH CHRONIC PAIN?  
COMPARISON EFFICACY OF EPINEPHRINE RELEASE INHIBITION ON SUPRACLAVICULAR PLEXUS BLOCK PROCEDURE  
OBJECTIVE ASSESSMENT OF VIDEO THERMOGRAPHY IMAGES OF PATIENTS WITH COMPLEX REGIONAL PAIN SYNDROME  
AGEING AND SOCIETY: WHAT DOES THE RESEARCH LITERATURE ARTICULATE ABOUT INFORMAL CARERS’ EXPERIENCES WHO PROVIDE SUPPORT FOR OLDER FAMILY MEMBERS LIVING WITH CHRONIC PAIN?  
ANTIOXIDANT CAPACITIES OF PATIENTS WITH CHRONIC PAIN AFTER STRONG OPIOID TREATMENT  
SPATIAL ATTENTION CAN MODULATE THE DEVELOPMENT OF SECONDARY HYPERALGESIA  
DEMONSTRATION OF THE ANTINOcICEPTIVE ACTION OF THE FIXED COMBINATION OF CANDESARTAN-CLOMIPRAMINE  
DO RELIGION AND SPIRITUALITY PLAY A ROLE IN FUNCTION, PAIN-RELATED BELIEFS AND COPING IN PATIENTS WITH CHRONIC PAIN? A SYSTEMATIC REVIEW
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

BEHAVIORAL ACTIVATION AND INHIBITION SYSTEMS: FURTHER EVALUATION OF A BIS-BAS MODEL OF CHRONIC PAIN
E. Sánchez-Rodríguez (Spain)

THE IMPACT OF OSTEOARTHRITIS DISEASE SEVERITY ON CURRENT HEALTHCARE RESOURCE UTILISATION IN THE EU - RESULTS FROM A REAL-WORLD STUDY
L. Abraham (United Kingdom)

OFFSET ANALGESIA AND ONSET HYPERALGESIA WITH TWO DIFFERENT TEMPERATURE RANGES

GLUTAMATE INDUCES IONOTROPIC AND METABOTROPIC GLUTAMATE RECEPTORS EXPRESSION IN PERIPHERAL MAST CELL POPULATIONS

A COMPARISON OF SOME AND TRADITIONAL PATIENT RECRUITMENT STRATEGIES FOR AN ONLINE DIGITAL PAIN ASSESSMENT STUDY

HOW IS A BIOPSYCHOSOCIAL REHABILITATION MODEL USED IN THE BELGIAN MULTIDISCIPLINARY CENTERS FOR THE TREATMENT OF CHRONIC PAIN?

PEOPLE IN PAIN MAKE POORER DECISIONS

PAIN ALLIANCE EUROPE (PAE) SURVEY ON CHRONIC PAIN AND WORK LIFE

CINNAMALDEHYDE-EVOKED SCRATCHING IN MICE REQUIRES DIRECT OR INDIRECT ACTIVATION OF TRPV4- AND TRPV1- BUT NOT TRPA1-EXPRESSING SENSORY NEURONS

CHRONIC PAIN IN ICD-11: VALIDATION OF THE PAIN SEVERITY EXTENSION CODE
G. Hay (Germany)

STIMULUS CONTROLLABILITY CAN MODULATE THE INDUCTION OF HFS-INDUCED CENTRAL SENSITIZATION

THE IMPACT OF OSTEOARTHRITIS DISEASE SEVERITY ON CURRENT HEALTHCARE RESOURCE UTILISATION IN JAPAN - RESULTS FROM A REAL-WORLD STUDY

EVIDENCE FOR THE IN VIVO ANALGESIC EFFECT OF CARBOXAMIDO STEROIDS VIA LIPID RAFTS
T. Biró-Sütő (Hungary)

PRECEDING APPLICATION OF MINOCYCLINE SUPPRESSES PLASTIC CHANGES IN CORTICAL EXCITATORY PROPAGATION IN THE MODEL RAT WITH INFRAORBITAL NERVE LIGATION

NALOXONE AND CTOP BLOCK NSAIDS-INDUCED ANTINOCICEPTION IN ANTERIOR CINGULATE CORTEX OF RATS

EVALUATING THE EFFECTIVENESS OF ESSENTIAL PAIN MANAGEMENT PROGRAM IN IMPROVING HEALTHCARE PROFESSIONALS KNOWLEDGE OF PAIN MANAGEMENT
M. Galligan (United Kingdom)

HOPE, ACCEPTANCE AND CHRONIC PAIN

THE ROLE OF THE SOURCE OF SOCIAL INFORMATION IN THE FORMATION OF PLACEBO ANALGESIA
E.A. Bajcar (Poland)

LYSOPHOSPHATIDIC ACID ACTIVATION OF SCHWANN CELLS
C. Ciotu (Austria)

CAPSAICIN INDUCED DESSENSITIZATION OF THE SKIN: EFFECTS ON THE PERCEPTION OF NOXIOUS AND NON-NOXIOUS SENSORY STIMULI
Scientific Programme

CYP2D6 GONOTYPE CAN FACILITATE PREDICTION OF EFFICACY AND SAFETY OF TRAMADOL AND CODEINE TREATMENT. A STUDY ON GREEK POPULATION

M.I. Ortiz (Mexico)

PARTICIPATION OF THE NITRIC OXIDE-CYCLIC GMP-K+ CHANNEL PATHWAY IN THE PERIPHERAL ANTIINOCICEPTIVE EFFECT OF CITRAL IN THE RAT FORMALIN TEST

INFLUENCE OF EXERCISE-INDUCED MUSCLE PAIN AND DELAYED ONSET MUSCLE SORENESS ON OFFSET ANALGESIA AND CONDITIONED PAIN MODULATION

AN EVALUATION OF THE PROPORTION OF PRIMARY CARE PATIENTS AT RISK OF DEVELOPING CHRONIC PAIN IN FRENCH-SPEAKING BELGIUM

LONGER-LASTING PAINFUL ELECTRICAL STIMULATION PROVIDES EVIDENCE FOR DISSOCIATION OF PAIN INTENSITY VS. PAIN AVERSIVENESS

OBSERVATIONAL STUDY OF NALOXEGOL FOR PATIENTS WITH CANCER PAIN DIAGNOSED WITH OPIOID INDUCED CONSTIPATION. NACASY STUDY PRELIMINARY RESULTS

A. Davies (United Kingdom)

WHEN OPIOIDS FAIL IN CHRONIC PAIN MANAGEMENT: THE INTESTINAL EPITHELIAL BARRIER: A THERAPEUTIC TARGET?

EFFECT OF XYLOPIC ACID ON ALLOXAN-INDUCED DIABETIC NEUROPATHY IN RATS

INTEGRATIVE MEDICINE APPROACH TO NEUROPATHIC PAIN TREATMENT - EFFECTIVE PAIN CONTROL WITH PHARMACOTHERAPY AND ACUPUNCTURE

M. Kocot-Kępska (Poland)

ACUPUNCTURE ALLEVIATES BOTH ALLODYNIA AND COGNITIVE DYSFUNCTION BY MODULATING SYNAPTIC PLASTICITY IN HIPPOCAMPAL NEURONS OF CHRONIC NEUROPATHIC PAIN

ANALGESIC EFFECTS OF MICA IN THE PARTIAL SCIATIC NERVE LIGATION-INDUCED NEUROPATHIC PAIN MICE MODEL

DIGITAL MAPPING AND TRACKING OF PAIN INTENSITY, DISTRIBUTION AND QUALITY FROM HOME IN PATIENTS WITH CHRONIC PAIN: PRELIMINARY INSIGHTS

TOWARDS A MAGNETOENCEPHALOGRAPHY SIGNAL MARKER OF CHRONIC PAIN

ALTERED RESTING-STATE FUNCTIONAL CONNECTIVITY IN WOMEN WITH TRAUMATIC AND NON-TRAUMATIC CHRONIC NECK PAIN COMPARED TO PAIN-FREE WOMEN: ASSOCIATIONS WITH PAIN OUTCOMES AND CENTRAL SENSITIZATION?

I. Coppieters (Belgium)

EXPERIMENTAL ONGOING MUSCULOSKELETAL PAIN AFTER NERVE GROWTH FACTOR INJECTION INCREASES LOW AND HIGH FREQUENCY EEG ACTIVITY DURING REST

DIFFERENCE IN THE IMPACT OF CENTRAL SENSITIZATION ON PAIN-RELATED SYMPTOMS BETWEEN PATIENTS WITH CHRONIC LOW BACK PAIN AND KNEE OSTEOARTHRITIS

MODALITY-SPECIFIC EVOKE POTENTIALS

DISTAL HYPERALGESIA IN YOUNG ATHLETES: A PREDICTIVE CORRELATIONAL STUDY

WITHIN-SUBJECTS VARIABILITY OF PAIN INTENSITY REPORTS AND VARIABILITY OF REPORT OF OTHER BODILY SENSATIONS IN DANCERS

D. Mendonça (Portugal)
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

CORTICAL THICKNESS AS A PREDICTOR FOR RTMS TREATMENT OUTCOME IN ATYPICAL FACIAL PAIN
L. Säisänen (Finland)

TWO PORTUGUESE BRIEF VERSIONS OF RELIGIOSITY MEASURES APPLIED IN A SAMPLE OF PORTUGUESE PATIENTS WITH CHRONIC PAIN

A NOVEL METHOD FOR ASSESSMENT AND CHARACTERIZATION OF PANCREATIC PAIN

IS THE GRADE OF THERMAL PAIN SENSITIVITY LINKED TO FUNCTIONAL STATUS IN PATIENTS WITH FIBROMYALGIA?

DO WE NEED TELEMONITORING IN CHRONIC PAIN? A RANDOMIZED CONTROLLED TRIAL COMPARING A PAIN APP WITH AND WITHOUT CLINICAL ALARMS

INCREASED NEURAL ACTIVATION FOR CONDITIONED PAIN RESPONSES FOLLOWING A FALSE LOW- VS HIGH PAIN CUE IS RELATED TO PAIN CATASTROPHIZING IN FIBROMYALGIA PATIENTS
A. Sandström (Sweden)

SENSORY-AUTONOMIC INTERACTION: A READOUT OF CENTRAL SENSITIZATION

PERIPHERIC NERVE PULSED RADIOFREQUENCY FOR TRIGEMINAL NEURALGIA

PAIN REHABILITATION WITH LANGUAGE INTERPRETER, A SWEDISH MULTICENTER DEVELOPMENT PROJECT

SPINAL CORD STIMULATION FOR REFRACTORY ANGINA PECTORIS - A 3-YEAR FOLLOW-UP STUDY OF TREATMENT-RELATED COMPLICATIONS
L. Bengtsson (Sweden)

CONTRASTING THE EFFECT OF LIVE AND RECORDED HYPNOSIS: IS ONE APPROACH MORE EFFECTIVE TO REDUCE EXPERIMENTAL PAIN?
A. Redeker (Canada)

LONG-TERM RESULTS FROM FEEDBACK-CONTROLLED SCS USING EVOKED COMPOUND ACTION POTENTIALS (AVALON STUDY)
S. Falowski (United States)

EFFECTS OF SPINAL CORD STIMULATION ON HEART RATE VARIABILITY IN PATIENTS WITH FAILED BACK SURGERY SYNDROME

ESSENTIAL PALLIATIVE CARE MEDICINES IN ARMENIA

REAL-WORLD EFFICACY OF TAPENTADOL: ANALYSIS OF DATA FROM THE GERMAN PAIN PRACTICE REGISTRY (GPPR)

A FIRST-IN-HUMAN CLINICAL TRIAL TO ASSESS SAFETY, TOLERABILITY, PHARMACOKINETICS AND PHARMACODYNAMICS OF STR-324, A DUAL ENKELPHALINASE INHIBITOR AND THERAPEUTIC CANDIDATE FOR PAIN MANAGEMENT
C.L. Berends (Netherlands)

THE EFFECTS OF LONG-TERM OPIOID TREATMENT ON THE IMMUNE SYSTEM: A SYSTEMATIC REVIEW

POPULATION PHARMACOKINETICS OF OXYCODONE AFTER EPIDURAL AND INTRAVENOUS ADMINISTRATION
P. Piirainen (Finland)

A NEW N-ACYLHYDRAZONE AS A POTENTIAL ANTINOCICEPTIVE AGENT
Scientific Programme

VOLUNTARY ORAL ADMINISTRATION OF THE PRO-RESOLUTION MEDIATOR MARESIN 1 ATTENUATES MECHANICAL ALLODYnia IN THE SPARED NERVE INJURY MODEL OF NEUROPATHIC PAIN
L. Teixeira-Santos (Portugal)

PAIN ROUTER: A GUIDE TO THE MECHANISM-ORIENTED PAIN THERAPY IN CHRONIC NON-MALIGNANT PAIN

ADVERSE DRUG REACTIONS DURING S-KETAMINE INFUSION IN PATIENTS WITH CHRONIC PAIN: 5 YEARS OF EXPERIENCE
A. Pot (Netherlands)

INVOLVEMENT OF SEROTONERGIC, NORADRENERGIC AND GABAERGIC SYSTEMS IN THE ANTINOCICEPTIVE EFFECT OF A KETAMINE-MAGNESIUM SULFATE COMBINATION IN ACUTE PAIN

DO CHANGES IN DEPRESSIVE SYMPTOMS MEDIATE THE EFFECT OF EXERCISE AND ADVICE FOR SUBACUTE LOWER BACK PAIN?
V. Baadjou (Netherlands)

EFFICACY OF TOPICAL VIBRATORY STIMULATION FOR REDUCING PAIN DURING TRIGGER POINT INJECTION TO THE GASTRONEMIUS: A RANDOMIZED CONTROLLED TRIAL

THE IMMEDIATE EFFECTS OF KINESIOLOGY TAPING ON EXPERIMENTALLY-INDUCED PAIN IN OTHERWISE PAIN-FREE HEALTHY HUMAN ADULTS

ENDOGENOUS MODULATION OF PAIN - NO APPARENT DIFFERENCES IN THE MAGNITUDE OF INHIBITORY RESPONSE BETWEEN EXERCISE-INDUCED HYPOALGESIA AND CONDITIONED PAIN MODULATION

MULTIMODAL PAIN THERAPY AND WHAT THEN? A RE-EVALUATION OF THE THERAPEUTIC SUCCESS 3 YEARS AFTER COMPLETION OF THE TREATMENT

COMPARING THRUST VERSUS NON-THRUST SPINAL MANIPULATION TECHNIQUES RELATIVE TO SHAM COLD LASER ON PAIN AND DISABILITY IN CHRONIC LOW BACK PAIN
J. Thomas (United States)

EFFECTS OF ATTACHMENT-BASED COMPASSION THERAPY (ABCT) ON BRAIN-DERIVED NEUROTROPHIC FACTOR AND LOW-GRADE INFLAMMATION AMONG FIBROMYALGIA PATIENTS: A RANDOMIZED CONTROLLED TRIAL

Plenary
13:45 - 14:30

PLENARY SESSION 7 - PAIN DURING AGEING, FROM BIRTH TILL

PAIN DURING AGEING, FROM BIRTH TILL
13:45 - 14:15
D. Tibboel (Netherlands)

Patient Care
13:45 - 14:30

PATIENT CARE SOCIETY MEETING
Workshop: Neuropathic Pain
14:30 - 16:00
Hall 1A

NEW TRENDS IN PAINFUL DIABETIC NEUROPATHY

Chairs:
A. Truini (Italy)

NEW EVIDENCE ON FREQUENCY AND RISK FACTORS FOR PAINFUL DIABETIC NEUROPATHY
A. Truini (Italy) 14:30 - 14:55

MORPHOMETRIC STUDIES OF SENSORY NERVE FIBRES AND THEIR RELEVANCE TO PAIN
P. Karlsson (Denmark) 14:55 - 15:20

CURRENT EVIDENCE AND NEW POSSIBILITIES FOR THE TREATMENT OF PAINFUL DIABETIC NEUROPATHY
N. Attal (France) 15:20 - 15:45

DISCUSSION 15:45 - 16:00

Workshop: Headache
14:30 - 16:00
Auditorium 1A

NEW TRENDS IN TRIGEMINAL NEURALGIA

Chairs:
G. Cruccu (Italy)

THE NEW CLASSIFICATION OF TRIGEMINAL NEURALGIA AND CLINICAL EXAMINATION
T. Nurmikko (United Kingdom) 14:30 - 14:55

AN EVIDENCE-BASED APPRAISAL OF THE DIAGNOSTIC ACCURACY OF NEUROPHYSIOLOGICAL AND NEUROIMAGING TESTS
G. Cruccu (Italy) 14:55 - 15:20

TREATMENT STRATEGIES - CURRENT MEDICATION OPTION, DRUGS IN THE PIPELINE AND SURGICAL OPTIONS
L. Bendtsen (Denmark) 15:20 - 15:45

DISCUSSION 15:45 - 16:00
Workshop: Psychology
14:30 - 16:00
Hall 1B

**ADDRESSING THE ELEPHANT IN THE ROOM: A DETAILED EXPLORATION OF DIAGNOSTIC UNCERTAINTY IN ADULT AND PAEDIATRIC CHRONIC PAIN SETTINGS**

93

**Chairs:**
A. Jordan (United Kingdom)

- **WHEN UNCERTAINTY CAN'T BE REMOVED, HOW DO WE FOSTER SELF-MANAGEMENT AND ACCEPTANCE IN ADULTS WITH CHRONIC PAIN?**
  14:30 - 14:55
  T. Pincus (United Kingdom)

- **THE PAEDIATRIC PERIOD: DIAGNOSTIC UNCERTAINTY IN YOUTH WITH CHRONIC PAIN AND THEIR PARENTS**
  14:55 - 15:20
  M. Noel (Canada)

- **THE FLIP SIDE: CLINICIANS' EXPERIENCES OF MANAGING DIAGNOSTIC UNCERTAINTY IN A PAEDIATRIC CLINICAL CONTEXT**
  15:20 - 15:45
  A. Jordan (United Kingdom)

**DISCUSSION**
15:45 - 16:00

Workshop: Pharmacological Topics
14:30 - 16:00
Auditorium 3A

**OPIOID INDUCED BOWEL DYSFUNCTION (OIBD) WITH A FOCUS ON OPIOID INDUCED CONSTIPATION AND OPIOID INDUCED NAUSEA; FROM MODEL TO CLINICAL PRACTICE**

208

**Chairs:**
G. Koopmans-Klein (Netherlands)

- **PATHOPHYSIOLOGY OF OPIOID INDUCED BOWEL DYSFUNCTION (OIBD) AND MODELS FOR THE STUDY OF OIBD**
  14:30 - 14:55
  A.M. Drewes (Denmark)

- **EFFICACY OF OPIOID ANTAGONIST TREATMENTS FOR OPIOID INDUCED CONSTIPATION (OIC)**
  14:55 - 15:20
  G. Koopmans-Klein (Netherlands)

- **OPIOID INDUCED NAUSEA AND VOMITING IN CLINICAL PRACTICE**
  15:20 - 15:45
  A. Davies (United Kingdom)

**DISCUSSION**
15:45 - 16:00
Scientific Programme

Workshop: Pain Syndromes
14:30 - 16:00 Room 3F

TACKLING PAIN IN VULNERABLY OLD INDIVIDUALS SUFFERING FROM DEMENTIA

228

Chairs:
M. Kunz (Netherlands)

NEW TOOLS AND NOVEL ALGORITHMS FOR PAIN ASSESSMENT IN DEMENTIA
S. Lautenbacher (Germany)
14:30 - 14:55

INNOVATIVE TRAINING PROTOCOLS AND PROGRAMS TO IMPROVE HEALTHCARE PROFESSIONALS’ ABILITY TO DETECT PAIN IN DEMENTIA
M. Kunz (Netherlands)
14:55 - 15:20

NOVEL DEVELOPMENTS IN OPIOID USE IN DEMENTIA, IT IS NOT ‘PATCHWORK’!
W. Achterberg (Netherlands)
15:20 - 15:45

DISCUSSION
15:45 - 16:00

Workshop: Basic Science
14:30 - 16:00 Room 2H

TEMPORAL DYNAMICS OF SENSITISATION ALONG A CONTINUUM OF SPINAL PAIN

131

Chairs:
T.S. Palsson (Denmark)

INTRODUCTION
14:30 - 14:45

TEMPORAL RELATIONSHIPS BETWEEN LOW BACK PAIN AND PSYCHOPHYSICAL PAIN SENSITIVITY: EVIDENCE FROM EXPERIMENTAL AND CLINICAL MODELS
M. McPhee (Denmark)
14:45 - 15:00

TEMPORAL STABILITY OF PSYCHOPHYSICAL MEASURES AND SOMATOSENSORY CHANGES ACROSS ACUTE AND CHRONIC LOW BACK PAIN: EVIDENCE FROM COHORT STUDIES
A. Marcuzzi (Australia)
15:00 - 15:15

SENSITISATION ALONG THE CONTINUUM OF CHRONIC IDIOPATHIC NECK PAIN TO CHRONIC WIDESPREAD PAIN
I. Coppieters (Belgium)
15:15 - 15:30

DISCUSSION
15:30 - 15:45

CHAIR SUMMARY AND FUTURE DIRECTIONS OF RESEARCH
15:45 - 16:00
Scientific Programme

Refresher Course: Pain Syndromes
14:30 - 16:00
Room 4C

CANCER (RELATED) PAIN
Chairs:
M. Bennett (United Kingdom)

THE ROLE OF THE WHO LADDER AFTER 30 YEARS
M. Bennett (United Kingdom)
14:30 - 14:55

INVASIVE TREATMENT IN ACUTE CANCER PAIN
M. Lal Sharma (United Kingdom)
14:55 - 15:20

PAIN IN CANCER SURVIVORS
J. Paice (United States)
15:20 - 15:45

Q&A
15:45 - 16:00

Patient Care
14:30 - 16:00
Room 4F

THE PATIENTS PERSPECTIVE: HOW TO LIVE AND WORK WITH CHRONIC PAIN
Chairs:
I. Thomassen

PATIENT NEEDS IN THE TREATMENT OF CHRONIC PAIN
14:30 - 14:55

PARTNER AND FAMILY LIFE/RELATIONSHIPS, INTIMACY, FAMILY PLANNING AND CHRONIC PAIN
14:55 - 15:20

PAIN IN THE WORKPLACE
G. O'Leary (Ireland)
15:20 - 15:45

DISCUSSION
15:45 - 16:00

Workshop: Neuropathic Pain
16:30 - 18:00
Hall 1A

PHENOTYPING NEUROPATHIC PAIN AFTER 25 YEARS OF RESEARCH: WHERE DO WE STAND, WERE DO WE GO?

Chairs:
J. Vollert (United Kingdom)

PAIN QUESTIONNAIRES AS AN EASY TOOL FOR ASSESSMENT OF PAIN PHENOTYPES.
D. Bouhassira (France)
16:30 - 16:55

STRATIFYING PATIENTS WITH PERIPHERAL NEUROPATHIC PAIN BASED ON SENSORY Profiles
J. Vollert (United Kingdom)
16:55 - 17:20
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

17:20 - 17:45
VISION OR FACT? AN ELECTROPHYSIOLOGICAL APPROACH FOR THE ASSESSMENT OF THE ENTIRE SOMATOSENSORY SPECTRUM
P. Hüllemann (Germany)

DISCUSSION
17:45 - 18:00

16:30 - 18:00
Auditorium 1A
New Findings in Clinical Pain Research: Results from former E-G-G winners

Workshop: Psychology
16:30 - 18:00
Hall 1B
PAIN PSYCHOLOGY COMING OF AGE: FOUNDATIONS, EVIDENCE, AND INNOVATIONS
106

Chairs:
A. Williams (United Kingdom)

EMBODIED DEFENCE: OPPORTUNITIES FOR A NEW PSYCHOLOGY OF PAIN
C. Eccleston (United Kingdom)

LET’S TALK ABOUT ABOUT MEASUREMENT AND CAUSALITY: BACK TO THE FUTURE
G. Crombez (Belgium)

MOVING AND INTERACTING RATHER THAN SITTING AND THINKING
A. Williams (United Kingdom)

DISCUSSION
17:45 - 18:00

Workshop: Pharmacological Topics
16:30 - 18:00
Auditorium 3A
KETAMINE FOR REFRACTORY PAIN: PHOENIX OR BLACK SHEEP?
253

Chairs:
R.F. Bell (Norway)

ASSESSMENT OF PHARMACOKINETIC INTERACTIONS BETWEEN MORPHINE AND KETAMINE IN VITRO AND IN HUMANS
T. Lilius (Finland)

KETAMINE FOR REFRACTORY CANCER PAIN: THE BOTTOM LINE
R.F. Bell (Norway)

KETAMINE FOR NEUROPATHIC PAIN: FROM RANDOMISED, CLINICAL TRIALS TO REAL LIFE USE
G. Pickering (France)
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

Scientific Programme

**DISCUSSION** 17:45 - 18:00

Workshop: Pain Syndromes  
16:30 - 18:00  Room 3F

OVERGENERALISATION: THE MISSING LINK BETWEEN CHRONIC PAIN AND DEPRESSION

175

**Chairs:**  
A.C. Rusu (Germany)

- OVERGENERALISATION IN CHRONIC PAIN AND FIBROMYALGIA  
  A. Meulders (Belgium)  
  16:30 - 16:55

- OVERGENERALISATION IN CHRONIC PAIN AND DEPRESSION  
  A.C. Rusu (Germany)  
  16:55 - 17:20

- CHRONIC PAIN AND DEPRESSION IN MIGRAINE PATIENTS  
  L. Ligthart (Netherlands)  
  17:20 - 17:45

**DISCUSSION** 17:45 - 18:00

Workshop: Basic Science  
16:30 - 18:00  Room 2H

I GOT THEM ALL: PATHOPHYSIOLOGY AND TREATMENT OF OVERLAPPING PAIN CONDITIONS

79

**Chairs:**  
L. Diatchenko (Canada)

- MOLECULAR PATHOPHYSIOLOGY OF OVERLAPPING PAIN CONDITIONS: THE LESSON FROM UK BIOBANK  
  L. Diatchenko (Canada)  
  16:30 - 16:55

- PHENOTYPING OF PATIENTS WITH MULTIPLE PAIN CONDITIONS  
  D. Yarnitsky (Israel)  
  16:55 - 17:20

- THE ART AND THE SCIENCE OF INTEGRATIVE HEALTH APPROACH TO MANAGEMENT OF COMORBID PAIN CONDITIONS  
  I. Belfer (United States)  
  17:20 - 17:45

**DISCUSSION** 17:45 - 18:00
### Visceral Pain

**Chairs:**
A.M. Drewes (Denmark)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30 - 16:55</td>
<td><strong>Definition, Symptoms, Epidemiology and Assessment of Visceral Pain</strong></td>
<td>A.M. Drewes (Denmark)</td>
</tr>
<tr>
<td>16:55 - 17:20</td>
<td><strong>Management and Prognosis of Functional GI Pain</strong></td>
<td>H. Törnblom (Sweden)</td>
</tr>
<tr>
<td>17:20 - 17:45</td>
<td><strong>Management and Prognosis of Organic Visceral Pain</strong></td>
<td>S. Olesen (Denmark)</td>
</tr>
<tr>
<td>17:45 - 18:00</td>
<td><strong>Q&amp;A</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Patient Care

**Chairs:**
N. Betteridge (United Kingdom)

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>16:30 - 16:55</td>
<td><strong>What Could Be a Practical Tool for a Patient to Get the Most From Their Consultation with Their Treating Doctor</strong></td>
<td>E.F. Mateus</td>
</tr>
<tr>
<td>16:55 - 17:20</td>
<td><strong>Digital Technology/E-Diary/Apps</strong></td>
<td>J. Osterbrink (Austria)</td>
</tr>
<tr>
<td>17:20 - 17:45</td>
<td><strong>Medication Adherence</strong></td>
<td>L. Timmerman (Netherlands)</td>
</tr>
<tr>
<td>17:45 - 18:00</td>
<td><strong>Discussion</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Industry Supported

**INDUSTRY SUPPORTED SESSION 4**
Scientific Programme

Friday, 06. September 2019

Plenary
08:30 - 09:00
Hall 1A

PLENARY SESSION 8 - PERIPHERAL SENSITISATION IS WHAT MATTERS

PERIPHERAL SENSITISATION IS WHAT MATTERS
T. Voets (Belgium)

Plenary
09:00 - 09:30
Hall 1A

PLENARY SESSION 9 - CENTRAL ORIGINS OF PAIN SENSITISATION: TRANSLATIONAL STUDIES

CENTRAL ORIGINS OF PAIN SENSITISATION: TRANSLATIONAL STUDIES
L. Villanueva (France)

Plenary
09:30 - 10:00
Hall 1A

PLENARY SESSION 10 - BRINGING THE FUTURE TO THE PRESENT - THE EVOLUTION OF DIGITAL HEALTH(CARE) (PAIN)MEDICINE

BRINGING THE FUTURE TO THE PRESENT - THE EVOLUTION OF DIGITAL HEALTH(CARE) (PAIN)MEDICINE
L. Engelen (Netherlands)

Workshop: Low Back Pain
10:30 - 12:00
Hall 1A

RADICULAR PAIN - AN UPDATE ON CLINICAL PRESENTATION, CLASSIFICATION AND MULTIPROFESSIONAL MANAGEMENT OF A COMPLEX CONDITION

104

Chairs:
B. Tampin (Australia)

DIFFERING SOMATOSENSORY PROFILES OF PATIENTS WITH RADICULAR PAIN
B. Tampin (Australia)

PAINFUL RADICULOPATHY: WHY ARE SO MANY CLINICAL TRIALS NEGATIVE?
R. Baron (Germany)
## Scientific Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:20 - 11:45</td>
<td>CLASSIFICATION OF PATIENTS WITH LUMBAR RADICULAR PAIN – RELEVANCE TO PHYSIOTHERAPY INTERVENTIONS</td>
<td>Auditorium 1A</td>
</tr>
<tr>
<td></td>
<td>A. Schäfer (Germany)</td>
<td></td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>DISCUSSION</td>
<td></td>
</tr>
</tbody>
</table>

### Workshop: General

10:30 - 12:00

**NEUROIMMUNE ACTIVATION IN CHRONIC MUSCULOSKELETAL PAIN - LESSONS FROM RECENT PET STUDIES AND CSF ANALYSIS IN MULTIPLE PATIENT COHORTS**

154

**Chairs:**
E. Kosek (Sweden)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 - 10:55</td>
<td>TRANSLOCATOR PROTEIN (TSPO) IMAGING AS A TOOL TO IMAGE NEUROINFLAMMATION IN CHRONIC PAIN</td>
<td>Auditorium 1A</td>
</tr>
<tr>
<td></td>
<td>M. Loggia (United States)</td>
<td></td>
</tr>
<tr>
<td>10:55 - 11:20</td>
<td>NEUROINFLAMMATION AND PERIPHERY-TO-CNS INFLAMMATORY CROSS-TALK IN PATIENTS WITH RHEUMATOID ARTHRITIS, OSTEOARTHRITIS AND CLBP</td>
<td>Auditorium 1A</td>
</tr>
<tr>
<td></td>
<td>E. Kosek (Sweden)</td>
<td></td>
</tr>
<tr>
<td>11:20 - 11:45</td>
<td>THE ROLE OF GLIA ACTIVATION/NEUROINFLAMMATION IN CENTRAL SENSITISATION IN PATIENTS WITH CHRONIC PAIN</td>
<td>Auditorium 1A</td>
</tr>
<tr>
<td></td>
<td>J. Nijs (Belgium)</td>
<td></td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>DISCUSSION</td>
<td></td>
</tr>
</tbody>
</table>

### Workshop: Pharmacological Topics

10:30 - 12:00

**SUB-TYPE SPECIFIC SODIUM CHANNEL BLOCKERS AS NOVEL ANALGESIC DRUGS - ARE WE NEARLY THERE, YET?**

278

**Chairs:**
M. Koltzenburg (United Kingdom)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30 - 10:55</td>
<td>NEUROPHYSIOLOGICAL PROPERTIES OF SODIUM CHANNELS AND THEIR RESPONSE TO ANALGESIC DRUGS</td>
<td>Hall 1B</td>
</tr>
<tr>
<td></td>
<td>A. Leffler (Germany)</td>
<td></td>
</tr>
<tr>
<td>10:55 - 11:20</td>
<td>BIOMARKERS FOR STUDYING THE TARGET ENGAGEMENT OF DRUGS ON VGSC IN PERIPHERAL NERVES IN SITU</td>
<td>Hall 1B</td>
</tr>
<tr>
<td></td>
<td>M. Koltzenburg (United Kingdom)</td>
<td></td>
</tr>
<tr>
<td>11:20 - 11:45</td>
<td>DRUG DEVELOPMENT OF SUBTYPE SELECTIVE SODIUM CHANNEL BLOCKERS IN PRIMATES</td>
<td>Hall 1B</td>
</tr>
<tr>
<td></td>
<td>A. Houghton (United States)</td>
<td></td>
</tr>
</tbody>
</table>
DISCUSSION

Workshop: Psychology
10:30 - 12:00
Auditorium 3A

DO THOUGHTS AND FEELINGS REALLY MATTER WHERE SPINAL CORD STIMULATORS ARE CONCERNED?

113

Chairs:
A. Alamgir (United Kingdom)

“THIS WON’T TURN YOU IN IRON MAN…….”
S. Prangnell (United Kingdom)

SOMETIMES NO IS THE BEST ANSWER
A. Alamgir (United Kingdom)

WHY DO WE NEED ANOTHER PMP?!
S. Childs (United Kingdom)

DISCUSSION

Workshop: Basic Science
10:30 - 12:00
Room 2H

THE ADVANTAGES AND DISADVANTAGES OF AN INSTITUTIONAL APPROACH TO PAIN ASSESSMENT. EXPERIENCE FROM CANCER AND PERIOPERATIVE CARE IN THE UK AND EUROPE

191

Chairs:
R. Zaslansky (Germany)

PAIN MANAGEMENT IN CANCER CENTER INPATIENTS USING A SYSTEMATIC INTEGRATED APPROACH—THE EDINBURGH PAIN ASSESSMENT AND MANAGEMENT TOOL (EPAT)
M. Fallon (United Kingdom)

PAIN MANAGEMENT IN PATIENTS AFTER SURGERY USING THE ADAPTED EDINBURGH PAIN ASSESSMENT AND MANAGEMENT TOOL
R. Zaslansky (Germany)

CAN CHILDREN USE ‘WORST PAIN’ CONSISTENTLY AND RELIABLY WHEN EVALUATING THEIR EXPERIENCE OF PAIN
A. Avian (Austria)

DISCUSSION
Scientific Programme

Refresher Course: Basic Science
10:30 - 12:00                    Room 4C

NEUROBIOLOGY OF PAIN

Chairs:
T. Graven-Nielsen (Denmark)

ANATOMY AND PHYSIOLOGY OF THE PAIN SYSTEM
K. Bannister (United Kingdom) 10:30 - 10:55

NEUROPHYSIOLOGICAL BASES FOR THE SOMATOSENSORY, COGNITIVE
AND AFFECTIVE DIMENSIONS OF PAIN
A. Mouraux (Belgium) 10:55 - 11:20

SENSITISATION OF PERIPHERAL AND CENTRAL PAIN MECHANISMS
W. Magerl (Germany) 11:20 - 11:45

Q&A 11:45 - 12:00

Spanish-language Track
10:30 - 12:00                    Room 4F

SINDROME CIRUGÍA FALLIDA COLUMNA. LAS TÉCNICAS INTERVENCIONISTAS
PUEDEN AYUDARNOS?

Chairs:
C. Tornero

EPIDUROLYSIS. SIGUE SIENDO ÚTIL?
A. Mendiola (Spain) 10:30 - 10:55

EPIDUROSCOPIA. VALE LA PENA ARRIESGARNOS?
P.L. Pais 10:55 - 11:20

MEJOR PONER EL ESTIMULADOR MEDULAR CUANTO ANTES?
C. Tornero 11:20 - 11:45

DISCUSIÓN 11:45 - 12:00

Industry Supported
12:15 - 13:45                    Auditorium 1A

INDUSTRY SUPPORTED SESSION 5

Industry Supported
12:15 - 13:45                    Hall 1B

INDUSTRY SUPPORTED SESSION 6
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

Industry Supported
12:15 - 13:45
Auditorium 3A

INDUSTRY SUPPORTED SESSION 7

Spanish-language Track
12:15 - 13:45
Room 4F

SPANISH SOCIETY MEETING

Poster Session
12:30 - 13:30
Poster Area

Basics in Pain walk 3

CHEMOGENETIC APPROACH IN TREATMENT OF TRIGEMINAL PAIN
O. Korczeniewska (United States)

NON-HISTAMINERGIC ITCH IS ACCOMPANIED BY THERMAL AND MECHANICAL HYPERALGESIA: THE ROLE OF TRPA1 CHANNEL
M. Tsagareli (Georgia)

MODULATING CORTICAL RESPONSE TO PAIN BY RESPIRATORY SINUS ARRHYTHMIA BIOFEEDBACK

SLEEP QUALITY AND OPIOID CRAVING AMONG PATIENTS WITH CHRONIC PAIN AND PRESCRIBED OPIOID THERAPY: EXPLORATION OF POTENTIAL MEDIATORS
A. Herrero Babiloni (Canada)

PREDICTING ACUTE PAIN TRAJECTORIES AFTER JOINT ARTHROPLASTY: THE ROLE OF PRE-SURGICAL AND POST-SURGICAL BIOPSYCHOSOCIAL FACTORS

MODULATION OF PAIN PROCESSING DURING MOVEMENT PREPARATION AND EXECUTION
E. Pinto (Belgium)

RESPONSES TO UNCERTAINTY IN THE FACE OF PAIN: ON THE RELATIONSHIPS BETWEEN PAIN CATASTROPHIZING, INTOLERANCE OF UNCERTAINTY AND DECISION MAKING

ATTRIBUTABLE COSTS OF PAIN IN SPAIN

LONGITUDINAL ASSOCIATION BETWEEN HABITUAL PHYSICAL ACTIVITY AND PAIN TOLERANCE IN A POPULATION-BASED COHORT - THE TROMSO STUDY 2007-2015

IS SLEEP PREDICTING CHRONIC PAIN IN A COHORT OF YOUNG ADULTS?

Poster Session
12:30 - 13:30
Poster Area

Diagnosis & Measurement in Pain walk 3

DISTINCT CLUSTERS OF PAIN DISTRIBUTION PATTERNS IN FOOTBALL PLAYERS WITH HIP-RELATED PAIN
S.A. Boudreau (Denmark)
QUALITY OF CHRONIC NON-CANCER PAIN MEASUREMENT INSTRUMENTS. SYSTEMATIC REVIEW  
C.-M. Rocio (Spain)  

DEVELOPMENT AND VALIDATION OF CHILD-ADAPTED SCALES TO ASSESS FEAR AND AVOIDANCE IN CHILDREN WITH FUNCTIONAL ABDOMINAL PAIN DISORDERS  

SUB-GROUPING HEALTHY SUBJECTS´ SENSITIVITY TO PAIN AND ITS RELATIONSHIP TO PERSONALITY TRAITS  

ASSESSING PAIN-RELATED SELF-EFFICACY AFTER SURGERY AS A PATIENT-RELATED OUTCOME MEASURE - A SYSTEMATIC LITERATURE REVIEW  
U. Kaiser (Germany)  

PHYSIOLOGICAL STRESS RESPONSES TO FEAR LEARNING IN YOUTH WITH CHRONIC PAIN: SALIVARY CORTISOL ASSESSMENT  

THE EFFECT OF PSYCHOLOGICAL STRESS ON PAIN SENSITIVITY IN HEALTHY PEOPLE  
M.G.C.A.M. Mertens (Belgium)  

NEURAL NETWORK CHANGES IN FIBROMYALGIA - INSULA INVESTIGATED  
H. van Ettinger-Veenstra (Sweden)  

UNIQUE ELECTRICAL STIMULATION FOR ACUTE PAIN STUDIES COMPATIBLE WITH MAGNETOENCEPHALOGRAPHY  

MORPHOLOGICAL BRAIN ALTERATIONS IN SUBGROUPS OF FIBROMYALGIA PATIENTS  
H.-C. Aster (Germany)  

**Poster Session**  
12:30 - 13:30  

**Posters Area**  

Pain Syndromes walk 10  

PAIN COPING AND FUNCTION IN CHILDREN WITH PAIN  
E. Solé (Spain)  

ALTERED PREFRONTAL CONNECTIVITY DURING RESTING STATE IS LINKED TO AGE-RELATED CHANGES IN PAIN PERCEPTION  

THE DESTRUCTION OF DISTRACTION? NEURAL MECHANISMS OF REDUCED TASK-RELATED ANALGESIA WITH AGING  
K. Rischer (Luxembourg)  

REDUCED INCIDENT MUSCULOSKELETAL CONSULTATION FOR PATIENTS WITH DEMENTIA: A RETROSPECTIVE COHORT STUDY OF THE UK CLINICAL PRACTICE RESEARCH DATALINK (CPRD)  
L. Bullock (United Kingdom)  

THE ANNUAL PREVALENCE OF MUSCULOSKELETAL CONSULTATION AFTER DIAGNOSIS OF DEMENTIA: A RETROSPECTIVE COHORT STUDY OF THE UK CLINICAL PRACTICE RESEARCH DATALINK (CPRD)  
L. Bullock (United Kingdom)  

DISCOVERY OF NOVEL AND CONSERVED NOCICEPTIVE PATHWAYS IN CONGENITAL INSENSITIVITY TO PAIN  
T. Kokotovic (Austria)
INTERDISCIPLINARY APPROACH FOR THE EVALUATION AND PREVENTION OF CHRONIC POSTOPERATIVE PAIN
M. Kachanovskiy (Russian Federation)

Pain Syndromes walk 11

MICROCIRCULATION IN SKIN AND MUSCLE DURING VENOUS STASIS, ARTERIAL ISCHEMIA AND ORTHOSTATIC CHALLENGE IN PATIENTS WITH FIBROMYALGIA AND HEALTHY CONTROLS
D. Santos-Faria (Portugal)

DISCORDANCE BETWEEN PATIENT’S AND PHYSICIAN’S GLOBAL ASSESSMENT IN RHEUMATOID ARTHRITIS
K. Kjær Petersen (Denmark)

THERAPEUTIC EFFECT OF LOW-INTENSITY PULSED ULTRASOUND PHONOPHORESIS WITH DICLOFENAC IN THE ACUTE PHASE OF CARRAGENAN-INDUCED ARTHRITIS IN RATS
K. Kjær Petersen (Denmark)

MULTIPLEX MARKERS EVALUATION OF SERUM INFLAMMATORY CYTOKINES IN KNEE OSTEOARTHRITIC PATIENTS
T.V. Maßen (Germany)

PAIN AND QUALITY OF LIFE IN OSTEOARTHRITIS: RELATIONSHIP WITH DEMOGRAPHIC AND CLINICAL VARIABLES
K. Kjær Petersen (Denmark)

CONDITIONED PAIN MODULATION AND OFFSET ANALGESIA AS POSSIBLE PREDICTORS FOR NSAID TREATMENT RESPONSE IN PATIENTS WITH KNEE OSTEOARTHRITIS
K. Kjær Petersen (Denmark)

PROFILING OF PAIN AND PHYSICAL FUNCTION IN PATIENTS WITH CHRONIC PAIN FOLLOWING KNEE OSTEOARTHRITIS AND TOTAL KNEE ARTHROPLASTY
J.B. Larsen (Denmark)

NEUROPATHIC PAIN COMPONENT IN PATIENTS WITH CHRONIC OSTEOARTHRITIS OF THE KNEE
J.B. Larsen (Denmark)

VISUAL CORTICAL EXCITABILITY IN FIBROMYALGIC PATIENTS: A STUDY WITH SOUND INDUCED FLASH ILLUSION
G. Damerino (Italy)

Pain Syndromes walk 12

THE PATIENT JOURNEY IN PERIPHERAL NEUROPATHIC PAIN (PNP): REVEALING GAPS BETWEEN GUIDELINES AND REAL-WORLD PRACTICE
F. Coluzzi (Italy)

POSTOPERATIVE ANALGESIA FOLLOWING SHOULDER ARTHROPLASTY: ROLE OF SUFENTANIL SUBLINGUAL TABLET SYSTEM
F. Coluzzi (Italy)

ASSESSING PAIN INTENSITY FOR EVALUATION OF ACUTE POSTOPERATIVE PAIN MANAGEMENT - A SYSTEMATIC LITERATURE REVIEW
T.V. Maßen (Germany)
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

PAIN AS A FACTOR DETERMINING SLEEP IN ICU IN A HOSPITAL IN NORTHERN POLAND

VERY-EARLY ACUTE PRO-NOCICEPTIVE PAIN MODULATION PREDICTS CHRONIC AREA-OF-INJURY PAIN IN MTBI PATIENTS SIX-MONTH POST INJURY

PAIN CATASTROPHIZING, CENTRAL CENSITIZATION AND KINESIOPHOBIA CONTRIBUTE TO PAIN-RELATED DISABILITY IN BREAST CANCER SURVIVORS

NOT JUST CUTTING IT - A NEW FRONTIER IN THE MANAGEMENT OF INTRACTABLE CANCER PAIN
U. Hochberg (Israel)

FUSION PROTEINS OF ANTI-INFLAMMATORY CYTOKINES TO TREAT CHEMOTHERAPY-INDUCED NEUROPATHY

SEROTONIN RECEPTOR 2A (5-HT2A) POLYMORPHISMS ARE ASSOCIATED WITH PINPRICK HYPERALGESIA IN NEUROPATHIC PAIN PATIENTS

Poster Session
12:30 - 13:30
Poster Area

Pain Syndromes walk 9

AQUAPORIN1 CONTRIBUTES TO THE PERCEPTION OF ACUTE MECHANICAL PAIN VIA THE REGULATION OF AN UNKNOWN MECHANOTRANSDUCER

BIOMARKERS OF CHRONIC PAIN: LEVELS OF PROINFLAMMATORY BIOMARKERS IN THE CEREBRAL SPINAL FLUID AND QUANTITATIVE SENSORY TESTS IN PATIENTS WITH FIBROMYALGIA AND HEALTHY VOLUNTEERS

TARGETING FIBROMYALGIA: INNOVATIVE BIOLOGICAL INVESTIGATIONAL PRODUCT IGN-ES001 REDUCES FMS PAIN
K. Vanhonsebrouck (Belgium)

PAIN IN CHILDREN AND ADOLESCENTS WITH CEREBRAL PALSY
A. Burman Rimstedt (Sweden)

THE EFFECT OF ADDING DEXAMETHASONE TO BUPIVACAINE ON THE DURATION OF POSTOPERATIVE ANALGESIA AFTER ULTRASOUND-GUIDED QUADRATUS LUMBOBARUM BLOCKS ANALGESIA IN CHILDREN AFTER ABDOMINAL OPERATION

BIOPSYCHOSOCIAL MODEL FOR A MULTIDISCIPLINARY PERIOPERATIVE CARE PATHWAY IN PATIENTS UNDERGOING POSTERIOR SPINAL FUSION SURGERY FOR ADOLESCENT IDIOPATHIC SCOLIOSIS

CHANGES IN PAIN SENSITIVITY AND CONDITIONED PAIN MODULATION DURING RECOVERY FROM ACUTE WHIPLASH ASSOCIATED DISORDERS - PRELIMINARY RESULTS
P. Bellosta-López (Spain)
Pain Therapies walk 6

1. MAINTENANCE OF QUALITY OF LIFE IMPROVEMENT FOR PATIENTS WITH CHRONIC PAIN AND OBESITY AFTER MULTIMODAL PAIN REHABILITATION
   H.-J. Dong (Sweden)

2. CLINICAL PAIN RELIEF AFTER REAL AND SHAM MOTOR CORTEX REPETITIVE TRANSCRANIAL MAGNETIC STIMULATION IS PREDICTED BY DISSOCIABLE RESTING-STATE FUNCTIONAL CONNECTIVITY PATTERNS
   D. Hewitt (United Kingdom)

3. DESYNCHRONISATION OF ALPHA BAND OSCILLATIONS DURING PARASTHESIA-FREE SPINAL CORD STIMULATION FOR NEUROPATHIC PAIN
   K. Thompson (United Kingdom)

4. PATIENTS’ NEEDS AND EXPERIENCES WHEN ACCESSING PHYSIOTHERAPY BECAUSE THEY ARE IN PAIN - A META-ETHNOGRAPHY TO INFORM PAIN EDUCATION AND TRAINING
   M. Geisler (Germany)

5. EFFECTIVENESS OF MINDFULNESS-BASED STRESS REDUCTION (MBSR) FOR FIBROMYALGIA COMPARED TO AN ACTIVE CONTROL GROUP (FIBROQOL) AND USUAL CARE: A RANDOMIZED CONTROLLED TRIAL (EUDAIMON STUDY)
   E.J. Lier (Netherlands)

Pain Therapies walk 5

1. CURRENT TREATMENT PATTERNS AMONG EUROPEAN PATIENTS WITH OSTEOARTHRITIS: ANALYSIS OF A REAL-WORLD DATASET
   L. Abraham (United Kingdom)

2. ANTINOCEPTIVE PROFILE OF A NOVEL G PROTEIN-BIASED OPIOID, PZM21 AND ITS EFFECTS ON ADDICTION-LIKE BEHAVIOR IN RODENTS
   T.-C. Chen (United Kingdom)

3. REAL-WORLD SAFETY OF TAPENTADOL: ANALYSIS OF DATA FROM THE GERMAN PAIN PRACTICE REGISTRY (GPPR)
   RIFAMPIN REDUCES THE CONCENTRATIONS OF ORAL AND INTRAVENOUS HYDROMORPHONE IN HEALTHY VOLUNTEERS
INHIBITION OF TLR4/MYD88/TAK1/NF-κB/COX-2 PATHWAY ACTIVATION CONTRIBUTES TO PROTECTIVE EFFECT OF BEXAROTENE, A RXRα AGONIST, AGAINST LIPOPOLYSACCHARIDE-INDUCED INFLAMMATORY HYPERALGESIA

H.K. Tsang (United Kingdom)

PATTERNS OF NEUROPATHIC PAIN MEDICATION PRESCRIBING FOR PATIENTS BEFORE REFERRAL TO A UNIVERSITY HOSPITAL SECONDARY CARE PAIN MEDICINE SERVICE IN LIVERPOOL, UK

Poster Session 3

CHRONIC STRESS INCREASES THE RISK OF DEVELOPING TEMPOROMANDIBULAR JOINT PAIN IN RATS OF BOTH SEXES

F.B. Zanelatto (Brazil)

DIFFERENCES IN SENSORIMOTOR CONTROL AND UPPER CERVICAL MOBILITY BETWEEN PATIENTS WITH NECK PAIN WITH AND WITHOUT ALTERED JOINT POSITION SENSE: A CROSS-SECTIONAL STUDY

VISCERAL PAIN ASSOCIATES WITH CINGULATE GLUTAMATE LEVEL IN CHRONIC PANCREATITIS PATIENTS

J.A. Muthulingam (Denmark)

EFFECTS OF GENDER IN TWO MODELS OF VISCERAL PAIN INDUCED BY COLORECTAL DISTENSION (CRD) IN THE RAT

DO FIBROMYALGIA SYNDROME (FMS) PATIENTS NEED A DIAGNOSIS-SPECIFIC PAIN MANAGEMENT PROGRAMME (PMP)?

THE ANALGESIC EFFECT OF VIRTUAL REALITY IN PEDIATRIC PROCEDURAL PAIN: A SYSTEMATIC REVIEW

K. Vanhonsebrouck (Belgium)

EFFECTS OF CHRONIC NECK PAIN ON BALANCE, JOINT POSITION SENSE, HEAD POSTURE, AND DEEP NECK FLEXOR MUSCLE ENDURANCE IN ELDERLY

EFFECT OF SINGLE-DOSE DEXAMETHASONE ON ACUTE POSTOPERATIVE PAIN AFTER MAJOR SURGERY

IMPACT OF INSOMNIA ON ACUTE POSTSURGICAL PAIN: A CASE-CONTROL STUDY

MODULATION OF CENTRAL NEUROPATHIC PAIN DEVELOPMENT BY REPEATED MULTIPOLYPHENOLIC EXTRACT TREATMENT DURING THE INJURY ACUTE-PHASE IN SPINAL CORD-INJURED MICE

A NOVEL COMBINATION EPIDUROSCOPIC LASER NEURAL DECOMPRESSION AND PERCUTANEOUS LASER DISC DECOMPRESSION WITH HO:YAG LASER: A NOVEL TREATMENT METHOD FOR MSU 3AB-CLASSIFIED HERNIATED DISCS

THE EFFECTS OF THE AMOUNT OF FLUID USED IN EPIDUROSCOPIC LASER DISCECTOMY PROCEDURES ON INTRAOCULAR PRESSURE AND AN EVALUATION OF THE OCULAR FINDINGS

LIPID PROFILE IN RHEUMATOID ARTHRITIS PATIENTS AND ITS RELATION TO DISEASE ACTIVITY

PAIN AND FATIGUE IN EARLY RHEUMATOID ARTHRITIS - A CROSS-SECTIONAL STUDY
Scientific Programme

ELECTRODIAGNOSTIC TEST IS SIGNIFICANTLY CORRELATED WITH STRENGTH AND PERFORMANCE IN HAND OSTEOARTHRITIS
K. Jonsson (Sweden)

DECREASED FORCED EXPIRATION AND THORACIC MOBILITY IN PEOPLE WITH FIBROMYALGIA

FACTORS ASSOCIATED TO A PERCEPTION OF DEPENDENCE ON OPIOID ANALGESICS FOR PSYCHOACTIVE EFFECTS ACCORDING TO NON-CANCER CHRONIC PAIN PATIENTS AND PAIN SPECIALISTS

LONG-TERM EFFECTS OF MULTIMODAL REHABILITATION IN PRIMARY CARE FOR PATIENTS WITH CHRONIC PAIN

IMPACT OF HIGH FREQUENCY SPINAL CORD STIMULATION AT 10 KHZ ON BLADDER SYMPTOMATOLOGY: AN OBSERVATIONAL CASE SERIES
M. Sidery (United Kingdom)

IDENTIFYING REHABILITATION NEEDS OF WOMEN FROM THE MIDDLE EAST WITH CHRONIC PAIN - A CHALLENGING EYE-OPENER
V. Zander (Sweden)

THE VITA-OK PROTOCOL FOR CHRONIC GYNECOLOGICAL PAIN: TOLL-LIKE RECEPTOR TARGETED TREATMENT IN VULVODYNIA
S. Di Franco (Italy)

INFLUENCE OF ESMOLOL ON POSTOPERATIVE PAIN IN PATIENTS UNDERGOING LUMBAR SURGERY
Y.J. Jeon (Korea, Republic of)

A NOVEL APPROACH TO COUNTERBALANCE PAIN-INDUCED REDUCTION IN CORTICOMOTOR EXCITABILITY
D.B. Larsen (Denmark)

EFFECT OF COMBINING PULSED RADIOFREQUENCY TREATMENT TO DORSAL ROOT GANGLION WITH TRANSFORAMINAL EPIDURAL STEROID INJECTION IN CHRONIC LUMBAR RADICULAR PAIN

INTRA-ARTICULAR GOLD MICRO PARTICLES AND HYALURONIC ACID IMPROVE OSTEOARTHRITIC PAIN AND SOCIAL FUNCTION. A PILOT STUDY
S. Rasmussen (Denmark)

DORSAL ROOT GANGLION RADIOFREQUENCY THROUGH INTRACANAL APPROACH FOR TREATMENT OF REFRACTORY THORACIC POSTHERPETIC NEURALGIA
J.J. Amate Pena (Spain)

FACTORS RELATED TO AMOUNT OF ANALGESIC REQUIREMENT IN POST-ANESTHESIA CARE UNIT (PACU): A PROSPECTIVE STUDY
S. Nimmaanrat (Thailand)

ANTI-GLUTAMATE MECHANISM OF ANALGESIC ACTION OF ANTIDEPRESSANTS AMITRIPTYLINE AND DESIPRAMINE

CENTRAL SENSITIZATION, WADDELL'S NON-ORGANIC SIGNS, AND LIFTING CAPACITY IN PATIENTS WITH CHRONIC LOW BACK PAIN
J. Ansuategui Echeita (Netherlands)

ALtered PAIN MODULATION TO NOXIOUS HEAT THERMAL STIMULI IN BURNING MOUTH SYNDROME
PAIN ASSESSMENT ON THE TONGUE OF RAT BY THE OBSERVATION OF SPONTANEOUS BEHAVIOR AND RESPONSES TO MECHANICAL STIMULATION  
K. Matsumoto (Japan)

THE INVOLVEMENT OF P2X4 AND P2X7 PURINERGIC RECEPTORS OF DORSAL ROOT GANGLIA ON PACLITAXEL-INDUCED NEUROPATHIC PAIN  
S.F. Magalhães (Brazil)

THE OSLO UNIVERSITY HOSPITAL PAIN REGISTRY: A DIGITAL REGISTRY WITH BASELINE DATA FROM 1,712 CHRONIC PAIN PATIENTS  
L.-P. Granan (Norway)

IMPROVED SLEEP IN INDIVIDUALS USING TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION FOR CHRONIC PAIN MANAGEMENT  

THE IMPACT OF PAIN ON MALTESE CITIZENS: A CROSS SECTIONAL STUDY  

INTRAVENTOUS OXYCODONE IN PROCEDURAL PAIN  

SUPERIORITY OF TRAMADOL/DEXKETOPROFEN ANALGESIA VERSUS TRAMADOL/PARACETAMOL IS MAINTAINED IN PATIENTS WITH SEVERE ACUTE PAIN  
B. Pizà Vallespir (Spain)

POSTOPERATIVE PAIN RESULTS BETWEEN DIFFERENTS TYPES OF ANAESTHESIA. PAINOUT STUDY  

PREVALENCE OF CENTRAL AND PERIPHERAL NEUROPATHIC PAIN AND IMPACT OF DEPRESSION, ANXIETY AND SLEEP DISORDERS ON THE INTENSITY OF PAIN AND QUALITY OF LIFE  

IMPACT OF SOCIAL AND PSYCHOLOGICAL FACTORS ON PERSONS WITH ACUTE AND CHRONIC LOW BACK PAIN  

COMPARISON OF SCAPULAR POSITION, DEEP NECK FLEXOR MUSCLE ENDURANCE AND UPPER LIMB STABILITY IN YOUNG FEMALE STUDENTS WITH AND WITHOUT NECK PAIN  

REHABILITATION WITH CULTURAL ACTIVITIES FOR PATIENTS WITH CHRONIC PAIN NEEDING A LANGUAGE INTERPRETER, CO-OPERATION PROJECT BETWEEN A REHABILITATION CLINIC AND THE COUNTY CULTURE ADMINISTRATION  

EXPERIENCES OF STAY AT PATIENT HOTEL DURING PARTICIPATION IN A MULTIMODAL PAIN REHABILITATION PROGRAMME IN NORTHERN SWEDEN - A QUALITATIVE STUDY  
L. Spinord (Sweden)

TRANSLATION AND VALIDATION OF THE PARENT FEAR OF PAIN QUESTIONNAIRE FOR A FRENCH SPEAKING POPULATION  
A. Riggenbach (Switzerland)

READING ADVERSE CHILDHOOD EXPERIENCE AND RESILIENCE (RACER) SURVEY  

PERIOPERATIVELY USE OF KETAMINE IN OPIOID DEPENDENT PATIENTS UNDERGOING SPINAL SURGERY: VAS RECORDS AND USE OF MORPHINE RESCUES  
U. Rodriguez Rivas (Spain)

SEVEN MONTH-LONG EPIDURAL ADMINISTRATION OF ANALGESICS INTENDED FOR METASTATIC BONE PAIN TREATMENT - A CASE REPORT  
I. Ivanovski (Croatia)
TEMPORAL SUMMATION AND PAIN CATASTROPHIZING IS ASSOCIATED WITH PAIN AFTER 12 WEEKS: A PROSPECTIVE COHORT STUDY OF PATIENTS WITH LOW BACK PAIN IN GENERAL PRACTICE
K. Petersen (Denmark)

THE INTERACTION BETWEEN PAIN AND SLEEP IN PEOPLE WITH CHRONIC SPINAL PAIN AND COMORBID INSOMNIA: A SYSTEMATIC REVIEW

WIRELESS EMG RECORDINGS OF DAYTIME BRUXISM: DIFFERENTIATING CLENCHING FROM SWALLOWING

EFFECTS OF MUSCLE CONTRACTION EXERCISE ON PAIN RELIEF, SYNOVITIS AND SPINAL SENSITIZATION IN RAT OSTEOARTHRITIS MODEL

HEPATIC INJURY AGGRAVATES OXALIPLATIN-INDUCED PERIPHERAL NEUROPATHY IN MICE: POSSIBLE INVOLVEMENT OF HMGB1

ADMINISTRATION OF LOCAL ANALGESIC (ROPIVACAINE) WITH DEXAMETHASONE ON THORACOLUMBAR FASCIA REDUCES SERUM LEVEL OF CHEMOKINE EXPRESSION IN OPERATIVE INCISION AFTER EXPERIMENTAL MODEL LAPARATOMY

PAIN SENSITIVITY MEDIATES THE LINK BETWEEN CATASTROPHIZING AND MILD TRAUMATIC BRAIN INJURY HEAD PAIN FOLLOWING MOTOR VEHICLE COLLISION

SUBLINGUAL SUFENTANIL IN ZALVISO SYSTEM FOR KNEE ARTHROPLASTY IN OUR EXPERIENCE. PRELIMINARY RESULTS
C. Congo Silva (Spain)

LONG-TERM DEEP-TMS DOES NOT NEGATIVELY AFFECT COGNITIVE FUNCTIONS IN STROKE AND SPINAL CORD INJURY PATIENTS WITH CENTRAL NEUROPATHIC PAIN

METHODOLOGY TO ASSESS IMPACT AND BURDEN OF CHRONIC LOW BACK PAIN ON PATIENTS' PHYSICAL AND EMOTIONAL HEALTH-GLOBAL SURVEY OF >9,000 PATIENTS ACROSS 16 COUNTRIES
B. Morlion (Belgium)

RETROSPECTIVE OBSERVATIONAL STUDY TO EVALUETE THE EFFICACY OF RADIOFREQUENCY IN THE TREATMENT OF CHRONIC PHARMACORESISTANT LOW BACK PAIN
A. Corrente (Italy)

PRE-TREATMENT EXERCISE-INDUCED HYPOALGESIA IS ASSOCIATED WITH PAIN AFTER STANDARDIZED EXERCISE THERAPY IN PAINFUL KNEE OSTEOARTHRITIS PATIENTS - AN EXPLORATIVE STUDY

ANALGESIC EFFECT OF THE TRAZODONE-GABAPENTIN COMBINATION IN THE CHRONIC CONSTRUCTION INJURY RAT MODEL
B. Garrone (Italy)

THE RELATIONSHIP OF FLOURISHING AND TENACIOUS PURSUIT GOALS TO FUNCTIONING AND HEALTHCARE USE IN CHRONIC MUSCULOSKELETAL PAIN PATIENTS
E.R. Serrano-Ibáñez (Spain)

ASSOCIATION BETWEEN RELIGIOUS AND SPIRITUAL BELIEFS & COPING RESPONSES AND PAIN-RELATED BELIEFS IN INDIVIDUALS WITH CHRONIC PAIN

CAN VERBAL SUGGESTION ABOLISH THE EFFECT OF CLASSICAL CONDITIONING ON PLACEBO ANALGESIA AND NOCEBO HYPERALGESIA?
E.A. Bajcar (Poland)

THE BURDEN OF CHRONIC PAIN PATIENTS
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

Scientific Programme

**ALPHA BAND POWER FOCAL CHANGES DURING THE SHORT-TERM MEMORISATION OF PAIN: A HIGH-DENSITY EEG STUDY WITH SOURCE LOCALISATION**

**TEMPERATURE EFFECTS ON ACTIVITY OF PRIMARY NOCICEPTOR NEURONS UNDER INFLAMMATORY CONDITIONS**

**OXIDATION GATES THE HIGH-THRESHOLD HEAT-SENSITIVE ION CHANNEL TRPV2**
T. Fricke (Germany)

**BILATERAL SENSORY DEFICITS AND WIDESPREAD HYPERALGESIA FOLLOWING DELAYED ONSET MUSCLE SORENESS OF THE QUADRICEPS**

**MOBILE APPLICATIONS FOR THE MANAGEMENT OF PEDIATRIC PAIN: WHAT QUALITY CRITERIA?**
P. Llorens-Vernet (Spain)

**THE EFFECT OF PAIN ON FOUR ASPECTS OF WORKING MEMORY**
N.G. Niederstrasser (United Kingdom)

**DIFFERENT PAIN - DIFFERENT BRAIN? A COMPARISON OF COGNITIVE IMPAIRMENTS IN PATIENTS WITH PERIPHERAL NEUROPATHIC PAIN AND FIBROMYALGIA**

**PRESYNAPTIC FEEDBACK SYSTEM OF OXYTOCIN-ERGIC NEURONS IN THE HYPOTHALAMUS OF ADJUVANT ARTHRITIC RATS**

**ASSOCIATIONS BETWEEN SELECTED GENETIC VARIANTS AND EXPERIMENTAL PAIN SENSITIVITY AND PAIN MODULATION**
M.U. Lie (Norway)

**NOCICEPTOR ACTIVATION DURING CUTANEOUS LASER STIMULATION DEPENDS MORE ON SKIN TYPE AND LASER WAVELENGTH THAN INNERVATION - INVESTIGATED USING AN EXPERIMENTAL AND MATHEMATICAL MODELLING APPROACH**

**EVALUATION OF THE ANALGESIC ACTION OF THE COMBINATION CYCLOBENZAPRINE HYDROCHLORIDE, LIDOCAINE AND PIROXICAM IN MICE USING THE HOT PLATE TEST**
R.-N. Rusu (Romania)

**A CASE-CONTROL STUDY OF INFLAMMATION IN FIBROMYALGIA: LOOKING FOR COFACTORS BEYOND FIBROMYALGIA DIAGNOSIS**

**CHARACTERISATION OF CONSTIPATION ASSOCIATED WITH PRESCRIBED OPIOID EXPOSURE IN THE UNITED KINGDOM**

**CREATING A REGISTRY OF PAIN REGISTRIES**

**THE ROLE OF CLASSICAL CONDITIONING IN ELICITING SOMATOSENSORY EXPERIENCES: PRELIMINARY EVIDENCE AGAINST THE CONDITIONED “EXPERIENCE OF TOUCH”**
S. Kang (Belgium)

**DOES INVALIDATION FACILITATE NOCEBO-LIKE EFFECTS ON PAIN?**

**ACTIVATION OF GLIAL CELLS AND UPREGULATION OF CX3CL1/CX3CR1 IN THE ANTERIOR CINGULATE CORTEX OF CHRONIC NEUROPATHIC PAIN MODEL INDUCED BY THE SPINAL CORD INJURY**
P. Dubový (Czech Republic)

**BLOCKADE OF NEURONAL MINCLE-SYK SIGNALING IN SPINAL CORD ATTENUATES MECHANICAL ALLODYNUA IN PERIPHERAL NERVE INJURY-INDUCED PAIN OF RAT**
J. Choi (Korea, Republic of)

**CHALLENGES IN SETTING UP A PAIN DATABASE IN SINGAPORE**
Scientific Programme

IS PAIN MEDICATION PRESCRIBED ACCORDING TO PATIENTS´ INTENSITY OF PAIN OR TO THEIR RESPECTIVE PSYCHOLOGICAL DIFFERENCES?
E.R. Serrano-Ibáñez (Spain)

PREVALENCE OF CHRONIC PAIN IN ISRAEL - AN INTERNET-BASED SURVEY

SPINAL TRPM3 IS INVOLVED IN MEDIATING THE HYPERSENSITIVITY EFFECT INDUCED BY SPHINGOLIPIDS IN THE RAT

ENDOGENOUS DESCENDING INHIBITION IN EFFECTS OF INTRAMUSCULAR HEATING-NEEDLE STIMULATION IN FREUND´S ADJUVANT-INDUCED MUSCLE NOCICEPTION IN RATS
J. Lei (China)

HOW RELIABLE IS PAIN´S EFFECT ON ARITHMETIC? A REPLICATION AND TEST-RETEST ANALYSIS

SOCIETAL IMPACT OF PAIN (SIP) - EXPERIENCES FROM A SIP NATIONAL PLATFORM (NP) IN PORTUGAL
A.M. Pedro (Portugal)

LAUGHING AWAY THE PAIN: A NARRATIVE REVIEW OF HUMOR, SENSE OF HUMOR, AND PAIN

EXPERIMENTAL INDUCTION OF PARESTHESIA BY NOXIOUS STIMULI: PRELIMINARY DATA

THE NORWEGIAN INJUSTICE EXPERIENCE QUESTIONNAIRE: TRANSLATION AND VALIDATION THROUGH INTERVIEWS AND REGISTRY DATA

MEASURING THERMAL SENSITIVITY AT THE RECEPTORS´ DEPTH: VALIDATION OF A HEAT TRANSFER MODEL OF THE SKIN WITH HIGH TEMPORAL RESOLUTION STIMULI

ON THE VALIDITY OF COMMONLY USED PAIN INTENSITY SCALES: WHAT DO THEY ASSESS IN ADDITION TO THE INTENSITY OF PAIN?

ABBEPAY PAIN SCALE FOR ASSESSMENT OF HIP FRACTURE - RELATED PAIN IN PATIENTS WITH DIFFICULT COMMUNICATION
V. Doménech (Spain)

THE EFFECTS OF TRAINING AIMED TO INCREASE PAIN-REPORTING ACCURACY ON THE PLACEBO RESPONSE

THE IMPROVED LASER-EVOKED POTENTIALS HABITUATION PARADIGM

TRANSLATION, CULTURAL ADAPTATION AND VALIDATION OF CURRENT OPIOID MISUSE MEASURE (COMM) FOR EUROPEAN PORTUGUESE

DIFFERENCE IN PAIN SCORE BETWEEN HEALTH PROFESSIONAL AND PATIENT ASSESSED PAIN

CONTACT COOL EVOKED BRAIN POTENTIALS CORRELATE WITH LASER BUT NOT WITH VIBROTACTILE EVOKED BRAIN POTENTIALS IN PATIENTS WITH SUSPECTED DYSFUNCTION OF THE THERMONOCICEPTIVE PATHWAYS
A. Courtin (Belgium)

MEASUREMENT PROPERTIES OF THE ARABIC LEEDS ASSESSMENT OF NEUROPATHIC SYMPTOMS AND SIGNS (A-LANSS) PAIN SCALE: A SECONDARY ANALYSIS

THE PREVALENCE OF ANXIETY, DEPRESSION, CATASTROPHIZING AND KINESIOPHOBIA IN PATIENTS WITH CHRONIC PAIN REFERRED TO A TERTIARY HOSPITAL
H.W. Walravens (Netherlands)
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

Scientific Programme

PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA), A TARGET FOR PAIN VISUALIZATION AND A POSSIBLE REGULATOR OF NOCICEPTORS

DO SOCIODEMOGRAPHIC FEATURES, PAIN SENSITIVITY OR PAIN CATASTROPHIZING RELATE TO CLINIC-BASED ADHERENCE TO PHYSIOTHERAPY IN PEOPLE SUFFERING FROM CHRONIC SPINAL PAIN?

NEUROLOGICAL INJURY AFTER TRANSFORAMINAL EPIDURAL STEROID INJECTION IN A PATIENT WITH PROGRESSIVE NEUROLOGICAL SIGNS: A CASE REPORT

ULTRASOUND-GUIDED PULSED RADIOFREQUENCY OF SAPHENOUS NERVE: PRELIMINARY DATA OF EFFICACY AND SAFETY ON KNEE OSTEARTHRITIS CHRONIC PAIN

COMPARISON OF 4 MG DEXAMETHASONE VERSUS 8 MG DEXAMETHASONE AS AN ADJUVANT TO LEVOBUPIVACAINE IN FASCIA ILIACA BLOCK- A PROSPECTIVE STUDY

ERECTOR SPINAE PLANE BLOCK IN THE MANAGEMENT OF POSTHERPETIC NEURALGIA
K.A. Kim (Korea, Republic of)

EFFECTS OF A BRAZILIAN BACK SCHOOL PROGRAM ON DISABILITY, PAIN, FEAR-AVOIDANCE AND RESILIENCE

A COST-UTILITY ANALYSIS OF MULTIMODAL PAIN REHABILITATION IN PRIMARY HEALTHCARE OUTCOMES FOLLOWING UTILIZATION OF A DEVICE ADAPTOR IN PREVIOUSLY-IMPLANTED PATIENTS USING SCS FOR CHRONIC PAIN

EFFECTIVENESS AND SAFETY OF SPINAL CORD STIMULATION IN PATIENTS WITH SEVERE RAYNAUD’S SYNDROME DURING PREGNANCY - CASE REPORTS

CAN PULSED RADIOFREQUENCY OF THE OCCIPITAL NERVES CAUSE SEDATION? A NEW PERSPECTIVE OF A CLASSIC TECHNIQUE

CLINICAL APPLICATION OF AN SCS DEVICE CAPABLE OF PATIENT-SELECTIVE USE OF MULTIPLE AVAILABLE NEUROSTIMULATIVE TREATMENT OPTIONS FOR CHRONIC PAIN: REAL-WORLD OUTCOMES FROM EUROPE

INDIVIDUAL QUALITY OF LIFE AND ITS ASSOCIATION WITH PAIN IN PATIENTS WITH MOTOR NEURON DISEASE

PREVENTING THE ACCESS OF NEURONAL MINERALOCORTICOID RECEPTORS BY ENDOGENOUS ALDOSTERONE ATTENUATES INFLAMMATORY PAIN

COMPARISON OF ANTINOCICEPTIVE EFFECTS OF CXCR2 AND CXCR3 RECEPTOR ANTAGONISTS AND THEIR INFLUENCE ON OPIOIDS ANALGESIA OF NEUROPATHIC PAIN MODEL

MODULATION OF OPIOID-INDUCED CHANGES IN THE ROSTROVENTROMEDIAL MEDULLA BY KETAMINE
H. Viisanen (Finland)

CURRENT TREATMENT PATTERNS AMONG PATIENTS WITH OSTEOARTHRITIS IN JAPAN: ANALYSIS OF A REAL-WORLD DATASET

SERVICE EVALUATION TO ASSESS THE EFFICACY OF INTRAVENOUS LIDOCAINE INFUSIONS IN CHRONIC PAIN PATIENTS

THE EFFECT OF BOTULINUM TOXIN A ON NEUROPATHIC PAIN IN SPARED NERVE INJURY MOUSE MODEL

A SINGLE CENTRE EXPERIENCE OF CAPSAICIN 8% PATCH EFFICACY. DOES DIAGNOSIS PREDICT PAIN OUTCOME?
Scientific Programme

CURRENT TREATMENT PATTERNS AMONG PATIENTS IN JAPAN WITH CHRONIC LOW BACK PAIN: ANALYSIS OF REAL-WORLD DATA
Á. Horváth (Hungary)

ANALGESIC EFFECTS OF THE NOVEL SEMICARBAZIDE-SENSITIVE AMINE OXIDASE INHIBITOR SZV 1287 IN RODENT MODELS OF NEUROPATHIC PAIN

ASSOCIATIONS BETWEEN HERBAL CANNABIS TREATMENT AND DECREASE IN ANALGESICS CONSUMPTION: A MULTI-CENTER PROSPECTIVE STUDY OF PATIENTS WITH CHRONIC PAIN
J. Aviram (Israel)

ADRENERGIC-DEPENDENT MECHANISM OF ACTION OF THN101 IN A RODENT NEUROPATHIC PAIN MODEL
B. Letellier (France)

A RANDOMIZED CONTROLLED TRIAL WITH THE α2-SUBUNIT PREFERING GABA POSITIVE ALLOSTERIC MODULATOR, N-DESMEHYL-CLOBAZAM (NDMC) IN HEALTHY VOLUNTEERS

DEVELOPMENT AND PRECLINICAL TESTING OF A PROTOTYPE LEVOBUPIVACAINE-ELUTING DEVICE FOR THE TREATMENT OF POSTOPERATIVE PAIN FOLLOWINGinguinal hernia repair

PREVENTIVE EFFECTS OF PHOTOBiOMODULATION THERAPY (904 NM) DURING THE DEVELOPMENT OF DIABETIC NEUROPATHIC HYPERALGESIA

PHOTOBiOMODULATION THERAPY (904 NM) AS AN ALTERNATIVE TREATMENT TO PERIPHERAL DIABETIC NEUROPATHY: IN VIVO AND IN VITRO ASSESSMENTS

FIGHTING OR ACCEPTING LONG-TERM PAIN - A QUALITATIVE STUDY ON ACCEPTANCE AND COMMITMENT THERAPY (ACT) IN TREATMENT OF LONG-TERM PAIN
L. Danielsson Palmi (Norway)

Plenary
13:45 - 14:30
Hall 1A

PLENARY SESSION 11 - WHAT IS THE ROLE OF "EXPLAIN PAIN" IN THE TREATMENT ALGORITHM OF PAIN

WHAT IS THE ROLE OF "EXPLAIN PAIN" IN THE TREATMENT ALGORITHM OF PAIN
L. Moseley (Australia)

Workshop: Low Back Pain
14:30 - 16:00
Hall 1A

A NEW LOOK AT THE INTERVERTEBRAL DISC AS A PAIN GENERATOR

158

Chairs:
A. Al-Kaisy (United Kingdom)

THE MICROENVIRONMENT OF THE INTERVERTEBRAL DISC - CAN WE FIND CORRELATION WITH CLINICAL PAIN?
J. Urban (United Kingdom)
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

**Scientific Programme**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:55 - 15:20</td>
<td><strong>NEUROMODULATION FOR DISCOGENIC PAIN - A NEW FRONTIER</strong>&lt;br&gt;A. Al-Kaisy (United Kingdom)</td>
</tr>
<tr>
<td>15:20 - 15:45</td>
<td><strong>NOVEL SURGICAL APPROACHES TO REPLACING OR RESTORING THE INTERVERTEBRAL DISC</strong>&lt;br&gt;J. Fairbank (United Kingdom)</td>
</tr>
<tr>
<td>15:45 - 16:00</td>
<td><strong>DISCUSSION</strong></td>
</tr>
</tbody>
</table>

**Workshop: General**<br>14:30 - 16:00<br>**THE FUTURE IS NOW: DIGITAL TECHNOLOGIES FROM ASSESSMENT TO TREATMENT**<br>203<br>**Chairs:**<br>S.A. Boudreau (Denmark)<br><br>| Time     | Session                                                                                                |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 14:45</td>
<td><strong>INTRODUCTION</strong></td>
</tr>
<tr>
<td>14:45 - 15:00</td>
<td><strong>ADVANCES IN DIGITAL BODY MAPPING OF PAIN AND OTHER SYMPTOMS</strong>&lt;br&gt;M. Galve Villa (Denmark)</td>
</tr>
<tr>
<td>15:00 - 15:15</td>
<td><strong>GAMEFUL DESIGNS: RADICAL RETHINKING TO EMPOWER AND SUPPORT CHRONIC PATIENTS</strong>&lt;br&gt;S. Jessen (Norway)</td>
</tr>
<tr>
<td>15:15 - 15:30</td>
<td><strong>BODILY-ENHANCED VIRTUAL REALITY TO ALLEVIATE CHRONIC PAIN</strong>&lt;br&gt;M. Solcà (Switzerland)</td>
</tr>
<tr>
<td>15:45 - 16:00</td>
<td><strong>DISCUSSION</strong></td>
</tr>
<tr>
<td>15:45 - 16:00</td>
<td><strong>CHAIR SUMMARY AND FUTURE DIRECTIONS OF RESEARCH</strong></td>
</tr>
</tbody>
</table>

**Workshop: Psychology**<br>14:30 - 16:00<br>**THE ROLE OF SELF-MANAGEMENT IN THE TREATMENT OF MUSCULOSKELETAL DISORDERS: CURRENT EVIDENCE AND PRACTICAL RECOMMENDATIONS**<br>103<br>**Chairs:**<br>N. Hutting (Netherlands)<br><br>| Time     | Session                                                                                           |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>14:30 - 14:55</td>
<td><strong>CURRENT EVIDENCE ABOUT SELF-MANAGEMENT FOR PATIENTS WITH MUSCULOSKELETAL DISORDERS</strong>&lt;br&gt;N. Hutting (Netherlands)</td>
</tr>
<tr>
<td>14:55 - 15:20</td>
<td><strong>USING SELF-MANAGEMENT IN WORKERS WITH A CHRONIC MUSCULOSKELETAL CONDITION - PRACTICAL RECOMMENDATIONS</strong>&lt;br&gt;V. Johnston (Australia)</td>
</tr>
</tbody>
</table>
Scientific Programme

TRANSFERABILITY OF BEST AVAILABLE RESEARCH EVIDENCE AND THE CHALLENGES OF IMPLEMENTATION OF SELF-MANAGEMENT PROGRAMS
N. Walsh (United Kingdom) 15:20 - 15:45

DISCUSSION 15:45 - 16:00

Workshop: Pharmacological Topics
14:30 - 16:00 Auditorium 3A

IS THERE AN OPIOID EPIDEMIC IN EUROPE?
173

Chairs:
W. Häuser (Germany)

THE UK PERSPECTIVE
C. Stannard (United Kingdom) 14:30 - 14:55

THE GERMAN PERSPECTIVE
W. Häuser (Germany) 14:55 - 15:20

THE EUROPEAN MONITORING CENTRE FOR DRUGS AND DRUG ADDICTION PERSPECTIVE
P. Griffiths (Portugal) 15:20 - 15:45

DISCUSSION 15:45 - 16:00

Workshop: Musculoskeletal
14:30 - 16:00 Room 3F

"UNRAVELLING PAIN IN INFLAMMATORY DISEASES: FROM NOCICEPTION TO COMPLEX MECHANISMS"
234

Chairs:
S. Perrot (France)

PAIN IN INFLAMMATORY RHEUMATIC CONDITIONS: WHEN NOCICEPTION TURNS TO NOCIPLASTIC
S. Perrot (France) 14:30 - 14:55

FROM SYMPTOM PROFILES TO SENSORY PROFILES, FROM ACUTE TO CHRONIC LOW BACK PAIN: TOWARDS MECHANISTIC CLASSIFICATION
T. Toelle (Germany) 14:55 - 15:20

NEURON-IMMUNE MECHANISMS OF ARTHRITIS PAIN AND THE INFLUENCE OF ANXIETY
V. Chapman (United Kingdom) 15:20 - 15:45

DISCUSSION 15:45 - 16:00
Scientific Programme

Workshop: Basic Science
14:30 - 16:00
Room 2H

**MECHANISTIC EPIDEMIOLOGY OF PERSISTENT PAIN**

72

**Chairs:**
M. Curatolo (United States)

- ACHIEVEMENTS AND LIMITATIONS OF CURRENT MEASURES OF HUMAN NOCICEPTIVE PROCESSES
  14:30 - 14:55
  M. Curatolo (United States)

- NOVEL MEASURES OF THE HUMAN NOCICEPTIVE SYSTEM
  14:55 - 15:20
  L. Arendt-Nielsen (Denmark)

- MODERN EPIDEMIOLOGICAL METHODS FOR MECHANISTIC PAIN RESEARCH
  15:20 - 15:45
  M. Müller (Switzerland)

DISCUSSION
15:45 - 16:00

Refresher Course: Psychology
14:30 - 16:00
Room 4C

**PSYCHOSOCIAL ASPECTS OF PAIN**

**Chairs:**
L. Goubert (Belgium)

- FROM BASIC TO APPLIED SCIENCE: PSYCHOSOCIAL MODELS OF PAIN CHRONICITY
  14:30 - 14:55
  A. Tabor (United Kingdom)

- FROM CONSTRUCT TO ASSESSMENT: HOW TO AVOID GETTING LOST IN TRANSLATION
  14:55 - 15:20
  D. van Ryckeghem (Belgium)

- FROM IDENTIFICATION TO EFFECTIVE TREATMENT: ALTERNATIVES FOR THE TREATMENT OF CHRONIC PAIN
  15:20 - 15:45
  J. Glombievski (Germany)

Q&A
15:45 - 16:00

Spanish-language Track
14:30 - 16:00
Room 4F

**LAS BASES DEL DOLOR QUE NOS LO EXPLICAN TODO**

**Chairs:**
L. Villanueva (France)

- ANATOMO-HISTOLOGÍA QUE NOS EXPLICA LA IMPORTANCIA DE LA GLIA EN EL DOLOR
  14:30 - 14:55
  A. Valverde (Spain)
## Scientific Programme

**EL CENTRO DEL DOLOR QUE TODO LO INTEGRA ¿CUAL ES?**  
L. Villanueva (France)  
14:55 - 15:20

**HACIA UNOS FÁRMACOS MAS SELECTIVOS EN DOLOR CRÓNICO**  
C. Goicoechea (Spain)  
15:20 - 15:45

**DISCUSIÓN**  
15:45 - 16:00

### Workshop: Low Back Pain
16:30 - 18:00  
Hall 1A

**CRITICAL VIEW ON THE RECENT LITERATURE ON RADIOFREQUENCY TREATMENT FOR LUMBAR FACET JOINT PAIN**

301

**Chairs:**  
J. Van Zundert (Belgium)

**EUROPEAN GUIDELINES ON THE TREATMENT OF LOW BACK PAIN**  
J. Van Zundert (Belgium)  
16:30 - 16:55

**SET-UP OF A PRAGMATIC TRIAL (MINT) AND RESULTS**  
M. van Tulder (Netherlands)  
16:55 - 17:20

**HOW TO DEAL WITH THE QUESTIONS RAISED AFTER THE MINT STUDY**  
17:20 - 17:45

**DISCUSSION**  
17:45 - 18:00

### Workshop: General
16:30 - 18:00  
Auditorium 1A

**PREVENTION OF WORK DISABILITY; IMPLEMENTING A 'WHOLE-SYSTEMS' APPROACH**

66

**Chairs:**  
M. Reneman (Netherlands)

**SYSTEM INFLUENCES ON WORK DISABILITY DUE TO LOW BACK PAIN: AN OVERVIEW OF THE EVIDENCE**  
S. Bartys (United Kingdom)  
16:30 - 16:55

**EARLY WORKPLACE INTERVENTIONS TO PREVENT BACK DISABILITY: RESULTS FROM CONTROLLED TRIALS**  
S. Linton (Sweden)  
16:55 - 17:20

**INTEGRATING HEALTH CARE AND WORKPLACE SYSTEMS; COSTS-BENEFITS OF VOCATIONAL REHABILITATION FOR WORKERS WITH CHRONIC PAIN**  
M. Reneman (Netherlands)  
17:20 - 17:45

**DISCUSSION**  
17:45 - 18:00
Workshop: Psychology
16:30 - 18:00
Hall 1B

“A MODERN AND FRESH VIEW ON PAIN NEUROSCIENCE EDUCATION: LESS COMMON, BUT ALL THE MORE CONVENIENT”

91

Chairs:
P. van Wilgen (Netherlands)

NOT LIMITED TO THE CHRONIC PAIN POPULATION: THE VALUE OF PAIN NEUROSCIENCE EDUCATION IN ACUTE AND SUBACUTE PAIN
16:30 - 16:55
A. Louw (United States)

TEAMWORK IN CLINICAL PRACTICE: THE APPLICATION OF TRANSDISCIPLINARY PAIN NEUROSCIENCE EDUCATION
16:55 - 17:20
P. van Wilgen (Netherlands)

DIGITAL PAIN NEUROSCIENCE EDUCATION: CAN WE USE BLENDED-LEARNING AND VIRTUAL REALITY TECHNIQUES?
17:20 - 17:45
E. Huysmans

DISCUSSION
17:45 - 18:00

Workshop: Basic Science
16:30 - 18:00
Auditorium 3A

OPTIMISATION AND REFINEMENT OF ANIMAL MODELS TO IMPROVE TRANSLATABILITY OF RESEARCH IN CHRONIC PELVIC PAIN ASSOCIATED PATHOLOGIES. THE EXAMPLE OF ENDOMETRIOSIS AND BLADDER PAIN SYNDROMES
308

Chairs:
R. Gómez (Spain)

CHALLENGES IN TRANSLATING RESEARCH WITH PRECLINICAL MODELS OF CHRONIC PELVIC PAIN ASSOCIATED PATHOLOGIES FROM THE BENCH TO THE CLINIC
16:30 - 16:55
R. Gómez (Spain)

REFINEMENT OF CURRENT ANIMAL MODELS OF ENDOMETRIOSIS ASSOCIATED CHRONIC PELVIC PAIN TO IMPROVE RESEARCH TRANSLATABILITY
16:55 - 17:20
E. Greaves (United Kingdom)

REFINEMENT OF CURRENT ANIMAL MODELS OF BLADDER PAIN SYNDROME ASSOCIATED CHRONIC PELVIC PAIN TO IMPROVE RESEARCH TRANSLATABILITY
17:20 - 17:45
A. Charrua (Portugal)

DISCUSSION
17:45 - 18:00
Workshop: Musculoskeletal
16:30 - 18:00
Room 3F

FIBROMYALGIA - A PROTOTYPE OF NOCIPLASTIC PAIN; UNDERSTANDING MECHANISMS AND DELIVERING OPTIMAL CARE

Chairs:
G. Macfarlane (United Kingdom)

- NOCIPLASTIC PAIN: THE THIRD IASP MECHANISTIC DESCRIPTOR FOR PAIN, HOW DOES IT APPLY TO FIBROMYALGIA
  16:30 - 16:55
  E. Kosek (Sweden)

- NEW PERSPECTIVES ON PAIN MODULATION AND CENTRAL SENSITISATION IN FIBROMYALGIA
  16:55 - 17:20
  M. Meeus (Belgium)

- RECENT RECOMMENDATIONS FOR MANAGEMENT OF FIBROMYALGIA FROM EUROPE, NORTH AMERICA AND ELSEWHERE: AREAS OF CONSENSUS, DISAGREEMENT, WITH A FOCUS ON RESEARCH TO ADDRESS PRIORITIES
  17:20 - 17:45
  G. Macfarlane (United Kingdom)

- DISCUSSION
  17:45 - 18:00

Workshop: Pharmacological Topics
16:30 - 18:00
Room 2H

NEW SUBSTANCES AS A NEW POSSIBILITIES FOR PAIN TREATMENT

Chairs:
P. Fernandes (Brazil)

- NEW AMIDES OF SEROTONIN AS A POSSIBLE CHOICE FOR PAIN TREATMENT
  16:30 - 16:55
  P. Fernandes (Brazil)

- NEW AMIDES OF SEROTONIN AS A POSSIBLE CHOICE FOR CHRONIC PAIN TREATMENT
  16:55 - 17:20
  J. Schutzer-Weissman

- R-954: A BRADYKININ B1 RECEPTOR ANTAGONIST FOR TREATMENT OF DIABETIC NEUROPATHIC PAIN
  17:20 - 17:45
  P. Siros (Canada)

- DISCUSSION
  17:45 - 18:00
Scientific Programme

Refresher Course: Neuropathic Pain
16:30 - 18:00

NEUROPATHIC PAIN

Chairs:
N.B. Finnerup (Denmark)

16:30 - 16:55
CLINICAL EXAMINATION, DIAGNOSIS AND CLINICAL PRESENTATION
P. Hansson (Norway)

16:55 - 17:20
ASSSESSMENT
A. Truini (Italy)

17:20 - 17:45
TREATMENT
N. Attal (France)

17:45 - 18:00
Q&A

Spanish-language Track
16:30 - 18:00

DOLOR MIOFASCIAL

Chairs:
M.A. Canos (Spain)

16:30 - 16:55
QUE FÁRMACOS PODERMOS INFILTRAR? SOLO ANESTÉSICOS LOCALES?
SIEMPRE CON CORTICOIDES?
M.L.P. Del Rey (Spain)

16:55 - 17:20
DONDE INYECTAR?
S. Boada (Spain)

17:20 - 17:45
PUEDEN VERSE BIEN LOS PUNTOS TRIGGER CON ULTRASONIDOS?
J. Orduña Valls (Spain)

17:45 - 18:00
DISCUSIÓN
The 11th Congress of the European Pain Federation EFIC, 4 - 7 September 2019, Valencia, Spain

Scientific Programme

Saturday, 07. September 2019

Plenary
08:30 - 09:00 Hall 1A
PLENARY SESSION 12 - PAIN MODULATION AND NEUROINFLAMMATION IN RHEUMATOID ARTHRITIS, OSTEOARTHRITIS AND FIBROMYALGIA, SIMILARITIES AND DIFFERENCES
PAIN MODULATION AND NEUROINFLAMMATION IN RHEUMATOID ARTHRITIS, OSTEOARTHRITIS AND FIBROMYALGIA, SIMILARITIES AND DIFFERENCES
E. Kosek (Sweden)

Plenary
09:00 - 09:30 Hall 1A
PLENARY SESSION 13 - NEUROPATHIC PAIN - WHAT WENT WRONG?
NEUROPATHIC PAIN - WHAT WENT WRONG?
P. Hansson (Norway)

Plenary
09:30 - 10:15 Hall 1A
PLENARY SESSION 14 - GRADING THE EVIDENCE – NEW DEVELOPMENTS IN ESTIMATING THE QUALITY OF EVIDENCE AND CONSEQUENCES FOR THE TREATMENT OF PAIN
GRADING THE EVIDENCE – NEW DEVELOPMENTS IN ESTIMATING THE QUALITY OF EVIDENCE AND CONSEQUENCES FOR THE TREATMENT OF PAIN
G. Guyatt (Canada)

Workshop: Headache
10:45 - 12:15 Hall 1A
THE IASP CLASSIFICATION OF CHRONIC PAIN FOR ICD-11: UPDATE AND FIRST RESULTS FROM INTERNATIONAL FIELD TESTING STUDIES
303
Chairs:
W. Rief (Germany)

INTRODUCTION TO THE IASP CLASSIFICATION OF CHRONIC PAIN FOR ICD-11
R.-D. Treede (Germany)
The 11th Congress of the European Pain Federation EFIC,
4 - 7 September 2019,
Valencia, Spain

Scientific Programme

CHRONIC PRIMARY PAIN IN ICD-11: WHAT IS IT AND WHY IS IT IMPORTANT? 11:10 - 11:35
W. Rief (Germany)

CHRONIC POST-SURGICAL AND POST-TRAUMATIC PAIN 11:35 - 12:00
P. Lavandhomme (Belgium)

DISCUSSION 12:00 - 12:15

Workshop: Pain Syndromes
10:45 - 12:15  
Auditorium 1A

UNDERSTANDING VARIABILITY IN PEDIATRIC PAIN AT THE INTERFACE OF BIOLOGY, PSYCHOLOGY, AND SOCIAL DIMENSIONS
177

Chairs:
R. Pillai Riddell (Canada)

REGULATING FROM ACUTE PAIN ACROSS EARLY CHILDHOOD 10:45 - 11:10
R. Pillai Riddell (Canada)

PSYCHOSOCIAL RISK AND RESILIENCE MECHANISMS OF CHILD PAIN AND RECOVERY AFTER SURGERY 11:10 - 11:35
L. Goubert (Belgium)

HOW WE LEARN THREAT: A VULNERABILITY FOR THE DEVELOPMENT OF PERSISTENT PAIN IN CHILDHOOD 11:35 - 12:00
L. Simons (United States)

DISCUSSION 12:00 - 12:15

Workshop: Psychology
10:45 - 12:15  
Hall 1B

CHRONIC PAIN ACROSS THE LIFESPAN: BIOPSYCHOSOCIAL TREATMENT PERSPECTIVES
272

Chairs:
R. Smeets (Netherlands)

INTRODUCTION 10:45 - 11:00

PNE4KIDS: EXPLAINING PAIN TO CHILDREN WITH CHRONIC PAIN 11:00 - 11:15
K. Ickmans (Belgium)

GETLIVING! A FUNCTIONAL APPROACH TO PEDIATRIC PAIN REHABILITATION 11:15 - 11:30
L. Harrison (United States)
Scientific Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30 - 11:45</td>
<td>A MODERN NEUROSCIENCE APPROACH TO CHRONIC PAIN IN ADULTS AND ELDERLY: HOW TO APPLY IN CLINICAL PRACTICE?</td>
<td>I. Coppieters (Belgium)</td>
</tr>
<tr>
<td>11:45 - 12:00</td>
<td>DISCUSSION</td>
<td></td>
</tr>
<tr>
<td>12:00 - 12:15</td>
<td>CHAIR SUMMARY AND FUTURE DIRECTIONS OF RESEARCH</td>
<td></td>
</tr>
</tbody>
</table>

Spanish-language Track
10:45 - 12:15
Auditorium 3A

SENSIBILIZACIÓN CENTRAL... UN PROCESO MULTIDISCIPLINAR

Chairs:
J. Casanova

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:45 - 11:10</td>
<td>IMPORTANCIA DE LA FISIOTERAPIA EN LA SENSIBILIZACIÓN DEL DOLOR. &quot;HANDS OUT&quot; EN FISIOTERAPIA</td>
<td>L. Dueñas (Spain)</td>
</tr>
<tr>
<td>11:10 - 11:35</td>
<td>DETECCIÓN OBJETIVA DE ESTADOS DE DOLOR CLÍNICO</td>
<td>J. Casanova</td>
</tr>
<tr>
<td>11:35 - 12:00</td>
<td>LA MEMORIA DEL DOLOR</td>
<td>R. Torres Cueco (Spain)</td>
</tr>
<tr>
<td>12:00 - 12:15</td>
<td>DISCUSIÓN</td>
<td></td>
</tr>
</tbody>
</table>

Workshop: Pharmacological Topics
12:45 - 14:15
Hall 1A

CANNABIS-BASED MEDICINES FOR CHRONIC PAIN - BEYOND EVIDENCE-BASED MEDICINE?

221

Chairs:
S. Brill (Israel)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:45 - 13:10</td>
<td>OVERVIEW ON THE RESULTS OF SYSTEMATIC REVIEWS OF RANDOMIZED CONTROLLED TRIALS WITH MEDICAL CANNABIS</td>
<td>S. Brill (Israel)</td>
</tr>
<tr>
<td>13:10 - 13:35</td>
<td>CHALLENGES IN IMPROVING CLINICAL TRIAL DESIGN AND ANALYSIS FOR CHRONIC PAIN</td>
<td>G. Stewart</td>
</tr>
<tr>
<td>13:35 - 14:00</td>
<td>RANDOMISED CONTROLLED TRIALS AND SYSTEMATIC REVIEWS ON CANNABIS-BASED MEDICINES FOR CHRONIC PAIN MANAGEMENT - LIES AND FAKE NEWS</td>
<td>W. Häuser (Germany)</td>
</tr>
<tr>
<td>14:00 - 14:15</td>
<td>DISCUSSION</td>
<td></td>
</tr>
</tbody>
</table>
Scientific Programme

Workshop: General
12:45 - 14:15
Auditorium 1A

MODULATING CHRONIC PAIN WITH PHYSICAL THERAPY: KEY CONSIDERATIONS FOR APPROPRIATE MANAGEMENT
19

Chairs:
C. Fernández-de-las-Peñas (Spain)

CHRONIC PAIN MECHANISMS: IMPLICATIONS FOR MANUAL THERAPY 12:45 - 13:10
C. Courtney (United States)

MANUAL THERAPY AND EXERCISE AS PAIN MODULATORS OF THE CENTRAL NERVOUS SYSTEM 13:10 - 13:35
C. Fernández-de-las-Peñas (Spain)

COMMUNICATION STRATEGIES ACCOMPANYING HANDS-ON TREATMENT FOR CHRONIC PAIN: APPLYING CONTEMPORARY NEUROSCIENCE IN CLINICAL PRACTICE 13:35 - 14:00
J. Nijs (Belgium)

DISCUSSION 14:00 - 14:15

Workshop: Basic Science
12:45 - 14:15
Hall 1B

NOVEL BIOMARKERS TO ASSESS CENTRAL SENSITIZATION IN HUMANS
271

Chairs:
E. van den Broeke (Belgium)

QST AND SURROGATE MODELS - ARE THEY RELEVANT FOR THE PATIENT IN PAIN? 12:45 - 13:10
K.B. Nilsen (Norway)

PROBING SPINAL NOCICEPTION IN MAN - CAN WE TRANSLATE MECHANISMS FROM ANIMAL MODELS 13:10 - 13:35
O.K. Andersen (Denmark)

ARE INCREASED BRAIN RESPONSES AND PUPIL SIZE INDICATIVE FOR CENTRAL SENSITISATION? 13:35 - 14:00
E. van den Broeke (Belgium)

DISCUSSION 14:00 - 14:15

Refresher Course: Low Back Pain
12:45 - 14:15
Auditorium 3A

AXIAL PAIN

Chairs:
S. Ward
Scientific Programme

**SPINAL PAIN: DEFINITIONS, MECHANISMS AND RISK FACTORS**
F.M. Williams (United Kingdom)

**12:45 - 13:10**

**SPINAL PAIN: CLINICAL ASSESSMENT AND APPROPRIATE IMAGING**
T. Maus (United States)

**13:10 - 13:35**

**NON-INVASIVE PHYSICAL THERAPIES FOR SPINAL PAIN - CURRENT EVIDENCE**
M. O'Keefe

**13:35 - 14:00**

**Q&A**

**14:00 - 14:15**

---

Plenary

**14:15 - 15:15**

**PLENARY 15**

---

Plenary

**15:15 - 15:30**

**CLOSING & AWARDS**