Third International Congress on Neuropathic Pain

2010

Scientific Program

Saturday, May 29, 2010
Saturday, May 29, 2010

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<td>08:00-09:00</td>
<td><strong>INDUSTRY SPONSORED BREAKFAST SYMPOSIUM</strong></td>
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<td>THE SCIENCE BEHIND STIMULATION: ANATOMICAL CONSIDERATIONS FOR SUCCESSFUL PAIN THERAPY. SPONSORED BY ST JUDE MEDICAL</td>
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<td>08:00-09:00</td>
<td><strong>INDUSTRY SPONSORED BREAKFAST SYMPOSIUM</strong></td>
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<td>QUTENZA™ DEMONSTRATION BREAKFAST MEETING. SPONSORED BY ASTELLAS PHARMA EUROPE LTD</td>
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<td>09:00-11:00</td>
<td><strong>PLENARY SESSION II</strong></td>
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<td>GENETICS AND EPIDEMIOLOGY</td>
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<td>11:00-11:30</td>
<td><strong>REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION</strong></td>
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<td>11:30-13:00</td>
<td><strong>PARALLEL WORKSHOPS</strong></td>
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<td>HALL A: T5 - LINKING LABORATORY STUDIES OF OPIOID-TOLERANCE AND HYPERALGESIA WITH CLINICAL CARE</td>
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<td>HALL B: C5 - ADVANCES IN TRIGEMINAL PAINS</td>
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<td>HALL D: M5 - SURROGATE MODELS OF NEUROPATHIC HYPERALGESIA</td>
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<td>HALL E: A5 - ATTENTION TO PAIN AND ITS DISABLING CONSEQUENCES</td>
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<td>HALL F: S5 - GENES INVOLVED IN PERIPHERAL NEUROPATHY AND ITS TREATMENT</td>
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<td><strong>LUNCH BREAK, POSTER VIEWING AND EXHIBITION</strong></td>
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<td>13:30-15:30</td>
<td>POSTER SESSION II POSTER AREA&lt;br&gt;-CELLULAR / MOLECULAR&lt;br&gt;-CENTRAL NEUROPATHIC PAIN&lt;br&gt;-GLIA / IMMUNE&lt;br&gt;-HUMAN MODELS&lt;br&gt;-INVASIVE THERAPIES&lt;br&gt;-NEUROPATHIC PAIN IN CANCER PATIENTS&lt;br&gt;-OTHER&lt;br&gt;-OTHER TREATMENTS&lt;br&gt;-PHARMACOTHERAPY&lt;br&gt;-PSYCHOSOCIAL ASPECTS&lt;br&gt;-SYSTEMS</td>
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<td>15:30-17:00</td>
<td>PARALLEL WORKSHOPS&lt;br&gt;HALL A: T6 - OPIOIDS FOR CHRONIC NEUROPATHIC PAIN: MAXIMIZING BENEFITS AND MINIMIZING ADVERSE EFFECTS&lt;br&gt;HALL B: C6 - PERSISTENT POSTSURGICAL PAIN - A NEUROPATHIC PAIN STATE?&lt;br&gt;HALL C: B6 - TREATMENT FOR TRIGEMINAL NEURALGIA, WHAT WORKS FOR WHO?&lt;br&gt;HALL D: M6 - ROLE OF THE A-BETA FIBRES IN PAROXYSMAL PAIN&lt;br&gt;HALL E: A6 - CLINICAL ASSESSMENT OF NEUROPATHIC PAIN: THE NEUPSIG RECOMMENDATIONS&lt;br&gt;HALL F: S6 - CENTRAL NEUROPATHIC PAIN: ANIMAL AND HUMAN STUDIES</td>
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PLENARY SESSION: PLENARY SESSION II: GENETICS AND EPIDEMIOLOGY (For abstracts see pages 98-100)

Chairmen: D. Bouhassira, France
           M. Haanpää, Finland

09:00   EPIDEMIOLOGY OF NEUROPATHIC PAIN. WHAT DO WE REALLY KNOW?
       B.H. Smith\textsuperscript{1,2}
       \textsuperscript{1}Aberdeen Pain Research Collaboration, University of Aberdeen, Aberdeen,
       \textsuperscript{2}Peterhead Medical Practice, Peterhead, UK

09:30   PAIN GENES
       M. Devor
       The Hebrew University of Jerusalem, Jerusalem, Israel

10:00   THE THREAT OF CHRONIC PAIN
       J. Vlaeyen\textsuperscript{1,2}
       \textsuperscript{1}Psychology, University of Leuven, Leuven, Belgium, \textsuperscript{2}Clinical Psychological Science, Maastricht University, Maastricht, The Netherlands

11:00   REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION
Saturday, May 29, 2010

11:30-13:00 HALL A (Plenary & Treatment)

WORKSHOP – TREATMENT 5: LINKING LABORATORY STUDIES OF OPIOID-TOLERANCE AND HYPERALGESIA WITH CLINICAL CARE (For Workshop Summary see page number 127)

Chairmen: K.L. Petersen, USA
G. Gourlay, Australia

11:30
EXPLORING OPIOID ANALGESIC TOLERANCE AND HYPERALGESIA - DO HUMAN EXPERIMENTAL PAIN MODELS HAVE A ROLE?
K. Petersen
UCSF Neurology, San Francisco, CA, USA

11:50
TOLERANCE AND OPIOID-INDUCED HYPERALGESIA IN CLINICAL POPULATIONS
D. Clark1,2
1Anesthesiology, Stanford University, 2Anesthesiology, VAPAHCS, Palo Alto, CA, USA

12:10
HAVE OPIOID ANALGESIC TOLERANCE AND OPIOID-INDUCED HYPERALGESIA BEEN CONVINCINGLY DEMONSTRATED IN CHRONIC PAIN PATIENTS?
M. Rowbotham
California Pacific Medical Center Research Institute, San Francisco, CA, USA

12:30
DISCUSSION

13:00
LUNCH BREAK, POSTER VIEWING AND EXHIBITION

11:30-13:00 HALL B (Syndromes)

WORKSHOP – SYNDROMES 5: ADVANCES IN TRIGEMINAL PAINS (For Workshop Summary see page number 128)

Chairmen: G. Cruccu, Italy
M. Haanpää, Finland

11:30
ROLE OF NEUROPHYSIOLOGICAL TESTING IN TRIGEMINAL PAINS
G. Cruccu
Department of Neurological Sciences, Sapienza University, Rome, Italy

11:50
TREATMENT OF NEUROPATHIC TRIGEMINAL PAIN. WS SUMMARY
J. Zakrzewska
Facial Pain, University College London, London, UK

12:10
CLINICAL DIAGNOSIS OF TRIGEMINAL PAINS
M. Haanpää1,2
1Department of Neurosurgery, Helsinki University Hospital, 2Rehabilitation ORTON, Helsinki, Finland

12:30
DISCUSSION

13:00
LUNCH BREAK, POSTER VIEWING AND EXHIBITION
Saturday, May 29, 2010

11:30-13:00 HALL C (Interventions)

WORKSHOP – INTERVENTIONS 5: WHICH BLOCKS WORK FOR NPP? (For Workshop Summary see page number 129)
Chairmen: S. N. Raja, USA
E. Anastasiou, Greece

11:30 NERVE BLOCKS FOR RADICULAR PAIN
S. N. Raja
Division of Pain Medicine, Johns Hopkins University, Baltimore, MD, USA

11:50 NERVE BLOCKS FOR TRIGEMINAL NEURALGIA AND OTHER FACIAL PAIN SYNDROMES
J.D. Loeser
Neurological Surgery, University of Washington, Seattle, WA, USA

12:10 WHICH BLOCKS WORK FOR NEUROPATHIC PAIN?
J. Richardson
Anaesthetics and Pain, Bradford Hospitals NHS Trust, Bradford, UK

12:30 DISCUSSION

13:00 LUNCH BREAK, POSTER VIEWING AND EXHIBITION

11:30-13:00 HALL D (Mechanisms)

WORKSHOP – MECHANISMS 5: SURROGATE MODELS OF NEUROPATHIC HYPERALGESIA
(For Workshop Summary see page number 130)
Chairmen: R.-D. Treede, Germany
A. Basbaum, USA

11:30 LONG-TERM POTENTIATION BY HIGH-FREQUENCY ELECTICAL STIMULATION
R.-D. Treede
Medical Faculty Mannheim, University of Heidelberg, Department of Neurophysiology, Center of Biomedicine and Medical Technology Mannheim (CBTM), Mannheim, Germany

11:50 THE THERMAL GRILL ILLUSION OF PAIN: A UNIQUE EXPERIMENTAL MODEL OF THERMAL ALLODYNIA/HYPERALGESIA?
D. Bouhassira
INSERM U-987, Boulogne-Billancourt, France

12:10 MENTHOL-A MODEL FOR COLD PAIN
G. Wasner
Universitaetsklinikum Schleswig Holstein Department of Neurology, Campus Kiel, Kiel, Germany

12:30 DISCUSSION

13:00 LUNCH BREAK, POSTER VIEWING AND EXHIBITION
Saturday, May 29, 2010

11:30-13:00 HALL E (Assessment and Psychology)

WORKSHOP – ASSESSMENT AND PSYCHOLOGY 5: ATTENTION TO PAIN AND ITS DISABLING CONSEQUENCES (For Workshop Summary see page number 131)
Chairmen: C. Eccleston, UK
           M. Bond, UK

11:30 THE COSTS AND BENEFITS OF ATTEMPTING TO CONTROL PAIN: A MISDIRECTED PROBLEM SOLVING MODEL
C. Eccleston
Centre for Pain Research, The University of Bath, Bath, UK

11:50 PAIN DEMANDS ATTENTION: A NEUROCOGNITIVE MODEL OF ATTENTION TO PAIN
G. Crombez
Experimental Clinical and Health Psychology, Gent University, Gent, Belgium

12:10 TO DISTRACT FROM OR EXPOSE TO PAIN?
J. Vlaeyen\textsuperscript{1,2}
\textsuperscript{1}Department of Psychology, University of Leuven, Leuven, Belgium, \textsuperscript{2}Clinical Psychological Sciences, Maastricht University, Maastricht, The Netherlands

12:30 DISCUSSION

13:00 LUNCH BREAK, POSTER VIEWING AND EXHIBITION

11:30-13:00 HALL F (Structure and Organisation of the CNS)

WORKSHOP – STRUCTURE AND ORGANISATION OF THE CNS 5: GENES INVOLVED IN PERIPHERAL NEUROPATHY AND ITS TREATMENT (For Workshop Summary see page number 132)
Chairmen: P. Kamerman, South Africa
           Z. Seltzer, Canada

11:30 GENETIC RISK FACTORS FOR DEVELOPING PAINFUL PERIPHERAL NEUROPATHY: THE ROLE OF ETHNICITY
P. Kamerman
School of Physiology, University of the Witwatersrand, Johannesburg, South Africa

11:50 MOLECULE BASIS OF ECTOPIC ACTIVITY IN NEUROPATHIC PAIN MODELS: THE ROLE OF POTASSIUM CHANNELS
S. McMahon
London Pain Consortium King's College London, London, UK

12:10 PROINFLAMMATORY CYTOKINE GENETICS IN THE DEVELOPMENT OF PERIPHERAL NEUROPATHY AND POTENTIAL TREATMENT STRATEGIES
A. Somogyi
Pharmacology, University of Adelaide, Adelaide, SA, Australia

12:30 DISCUSSION

13:00 LUNCH BREAK, POSTER VIEWING AND EXHIBITION
### Saturday, May 29, 2010

#### 15:30-17:00 HALL A (Plenary & Treatment)

**WORKSHOP – TREATMENT 6: OPIOIDS FOR CHRONIC NEUROPATHIC PAIN: MAXIMIZING BENEFITS AND MINIMIZING ADVERSE EFFECTS**

(For Workshop Summary see page number 133)

**Chairmen:**
- S.N. Raja, USA
- C. Eccleston, UK

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<th>Speaker</th>
<th>Institution</th>
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<td>15:30</td>
<td><strong>OPIOIDS FOR THE TREATMENT OF CHRONIC NEUROPATHIC PAIN: THE EVIDENCE</strong></td>
<td>S. N. Raja</td>
<td>Division of Pain Medicine, Johns Hopkins University, Baltimore, MD, USA</td>
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<tr>
<td>15:50</td>
<td><strong>OPTIMIZING MANAGEMENT OF CHRONIC PAIN WITH OPIOIDS</strong></td>
<td>V. Kontinen</td>
<td>Anesthesiology and Intensive Care, Helsinki University Central Hospital, Helsinki, Finland</td>
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<tr>
<td>16:10</td>
<td><strong>UNAVAILABLE</strong></td>
<td>D. Gourlay</td>
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<td>16:30</td>
<td><strong>DISCUSSION</strong></td>
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#### 15:30-17:00 HALL B (Syndromes)

**WORKSHOP - SYNDROMES 6: PERSISTENT POSTSURGICAL PAIN - A NEUROPATHIC PAIN STATE?**

(For Workshop Summary see page number 134)

**Chairmen:**
- T.S. Jensen, Denmark
- A. Fassoulaki, Greece

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<td>15:30</td>
<td><strong>PERSISTENT POSTSURGICAL PAIN: THE NEUROPATHIC PAIN COMPONENT</strong></td>
<td>T.S. Jensen</td>
<td>Neurology, Danish Pain Research Center, Aarhus University Hospital, Aarhus, Denmark</td>
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<tr>
<td>15:50</td>
<td><strong>NEURONAL AND GLIAL SIGNALLING IN PAIN NEUROPLASTICITY AFTER PERIPHERAL NERVE INJURY</strong></td>
<td>M.W. Salter</td>
<td>Program in Neurosciences &amp; Mental Health, Hospital for Sick Children, Toronto, ON, Canada</td>
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<td>16:10</td>
<td><strong>POSTSURGICAL PAIN - EPIDEMIOLOGY</strong></td>
<td>B.H. Smith</td>
<td>1 Aberdeen Pain Research Collaboration, University of Aberdeen, Aberdeen, 2 Peterhead Medical Practice, Peterhead, UK</td>
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<td>16:30</td>
<td><strong>DISCUSSION</strong></td>
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15:30-17:00 HALL C (Interventions)

WORKSHOP – INTERVENTIONS 6: TREATMENT FOR TRIGEMINAL NEURALGIA, WHAT WORKS FOR WHO? (For Workshop Summary see page number 135)
Chairmen: S. Erdine, Turkey  
R. North, USA

15:30 PERCUTANEOUS INTERVENTIONS FOR THE TREATMENT OF TRIGEMINAL NEURALGIA  
S. Erdine  
Department of Algology, medical faculty of Istanbul, Istanbul, Turkey

15:50 INTRACRANIAL PROCEDURES IN THE TREATMENT OF TIC DOULOUREUX  
J. D. Loeser  
Neurological Surgery, University of Washington, Seattle, WA, USA

16:10 DIAGNOSIS AND MANAGEMENT OF FACIAL PAIN  
R. Levy  
Professor of Neurological Surgery and Associate Professor of Physiology North Western, Washington, DC, USA

16:30 DISCUSSION

15:30-17:00 HALL D (Mechanisms)

WORKSHOP – MECHANISMS 6: ROLE OF THE A-BETA FIBRES IN PAROXYSMAL PAIN (For Workshop Summary see page number 136)
Chairmen: R. Baron, Germany  
A. Truini, Italy

15:30 INTRODUCTION: A HISTORIC QUESTION THAT DEFIES AN ESTABLISHED NOTION  
R. Baron  
Christian Albrechts-Universität Kiel, Kiel, Germany

15:50 ROLE OF THE A-BETA FIBRE DAMAGE IN PAROXYSMAL PAIN  
A. Truini  
Department of Neurological Sciences, University Sapienza, Rome, Italy

16:10 THE ROLE OF A-BETA FIBERS IN NEUROPATHIC PAIN  
R. Baron  
Division of Neurological Pain Reserarch and Therapy, Dep. of Neurology, Universitaetsklinikum Schleswig-Holstein, Campus Kiel, Kiel, Germany

16:30 DISCUSSION
Saturday, May 29, 2010

15:30-17:00 HALL E (Assessment and Psychology)

WORKSHOP – ASSESSMENT AND PSYCHOLOGY 6: CLINICAL ASSESSMENT OF NEUROPATHIC PAIN: THE NEUPSIG RECOMMENDATIONS (For Workshop Summary see page number 137)
Chairmen: N. Attal, France  
M. Haanpää, Finland

15:30 OVERVIEW OF CURRENT AND EMERGING DRUG TREATMENTS FOR NEUROPATHIC PAIN AND RECOMMENDATIONS FOR USE
N. Attal
Centre d'Evaluation et de Traitement de la Douleur, INSERM U 987 and APHP, Boulogne Billancourt, France

15:50 NEUROPATHIC PAIN AND QUALITY OF LIFE - DO SCALES MEASURE IT RIGHT?
T. Nurmikko
School of Clinical Sciences, University of Liverpool, Liverpool, UK

16:10 ROLE OF QUANTITATIVE SENSORY TESTING FOR ASSESSING MECHANISMS AND TREATMENT OF NEUROPATHIC PAIN
R.-D. Treede
Lehrstuhl für Neurophysiologie, Medizinische Fakultät Mannheim, Universität Heidelberg, Mannheim, Germany

16:30 DISCUSSION

15:30-17:00 HALL F (Structure and Organisation of the CNS)

WORKSHOP – STRUCTURE AND ORGANISATION OF THE CNS 6: CENTRAL NEUROPATHIC PAIN: ANIMAL AND HUMAN STUDIES (For Workshop Summary see page number 138)
Chairmen: J.O. Dostrovsky, Canada  
H. Vanegas, Venezuela

15:30 OVERVIEW OF CLINICAL FEATURES AND PROPOSED MECHANISMS
J.O. Dostrovsky
University of Toronto Department of Physiology, Toronto, ON, Canada

15:50 MULTIMODAL ASSESSMENT OF CENTRAL NEUROPATHIC PAIN
D. Bouhassira
INSERM U987 Centre d'Evaluation et Traitement de la Douleur, CHU Ambroise Paré, Boulogne-Billancourt, France

16:10 CENTRAL POST-STROKE PAIN: LEARNING FROM AN ANIMAL MODEL
J. Henry
McMaster University, Faculty of Health Sci Institute for Pain Research & Care, Hamilton, ON, Canada

16:30 DISCUSSION
### POSTER SESSION II
*(See pages 57 – 85)*

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THE A2Δ LIGAND PREGABALIN INHIBITS THE INCREASED TRAFFICKING OF THE CALCIUM CHANNEL SUBUNIT A2Δ-1 TO PRESYNAPTIC TERMINALS IN NEUROPATHIC PAIN
C.S. Bauer1, M. Nieto-Rostro1, W. Rahman1, A. Tran-Van-Minh1, L. Ferron1, L. Douglas1, I. Kadurin1, Y. Sri Ranjan1, L. Fernandez-Alacid2, N.S. Millar1, A.H. Dickenson1, R. Lujan2, A.C. Dolphin1
1Department of Neuroscience, Physiology and Pharmacology, University College London, London, UK, 2Department Ciencias Medicas, Universidad de Castilla-La Mancha, Albacete, Spain

AKT-SER473 PHOSPHORYLATION IN THE SPINAL CORD DORSAL HORN FOLLOWING CHRONIC IMIPRAMINE TREATMENT IN A MOUSE MODEL OF NEUROPATHIC PAIN
A. Cardozo Franciosi, E. Flamia Toniolo, S.A. Zanon, G. Lucas
Department of Physiology, Ribeirao Preto Medical School, University of Sao Paulo, Ribeirao Preto, Brazil

CHANGES OF VOLTAGE-GATED SODIUM CHANNELS EXPRESSION IN REGENERATION AND NEUROPATHIC PAIN MODELS IN THE RAT
L. Casals-Díaz1,2, C. Casas1,2, X. Navarro1,2
1Group of Neuroplasticity and Regeneration, Institute of Neurosciences, Universitat Autònoma de Barcelona, Bellaterra, 2CIBERNED, Barcelona, Spain

DIFFERENTIAL EXPRESSION OF P65 AND P50 IN THE RAT’S HYPOTHALAMUS INDUCED BY CHRONIC CONstriction NERVE INJURY
C.-W. Chou1, G. Wong1, G. Lim2, S. Wang2, M. Irwin1, J. Mao2
1Department of Anaesthesiology, The University of Hong Kong, Hong Kong, Hong Kong S.A.R., 2Department of Anesthesia and Critical Care, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

PROGESTERONE REDUCES ALLODYNIA IN ANIMALS WITH SCIATIC NERVE INJURY: POSSIBLE INVOLVEMENT OF PROTEIN KINASE C AND N-METHYL-D-ASPARTATE RECEPTOR SUBUNIT 1
M. Coronel1,2, F. Labombarda1,3, P. Roig1, M. Villar2, A. De Nicola1,3, S. González1,3
1Laboratorio de Bioquímica Neuroendocrina, Instituto de Biología y Medicina Experimental - CONICET, 2Facultad de Ciencias Biomédicas, Universidad Austral, 3Facultad de Medicina, Universidad de Buenos Aires, Buenos Aires, Argentina

GLYCINE TRANSPORTER INHIBITORS AS A NOVEL DRUG DISCOVERY STRATEGY FOR NEUROPATHIC PAIN
T. Dohi1, K. Morita2, N. Motoyama3, T. Kitayama2, T. Kanematsu2
1Department of Pharmacotherapy, Nihon Pharmaceutical University, Saitama Prefecture, 2Department of Dental Pharmacology, 3Department of Dental Science for Health Promotion, Hiroshima University, Hiroshima, Japan
POSTER SESSION II
Cellular/Molecular (contd.)

Poster Board No

7  BILATERAL ELEVATION OF CYTOKINES IN BOTH CERVICAL AND LUMBAR DORSAL ROOT GANGLIA IN TWO NEUROPATHIC PAIN MODELS
P. Dubovy1, I. Klusakova1, I. Svizenska1, V. Brazda1,2, R. Jancalek1
1Department of Anatomy, Div. Neuroanatomy, Faculty of Medicine, Masaryk University, 2Institute of Biophysics, Academy of Sciences of the Czech Republic, Brno, Czech Republic

8  DESTABILIZATION OF THE CYTOSKELETON-TRPV1 INTERACTION BY PKCÉ PRODUCES CHANNEL-INDEPENDENT EFFECTS ON NOCICEPTOR FUNCTION
C. Goswami1,2, J. Kuhn1, O. Dina3, G. Fernández-Ballester4, A. Ferrer-Montiel4, J.D. Levine3, T. Hucho1
1Max Planck Institute for Molecular Genetics, Berlin, Germany, 2National Institute of Science Education and Research (NISER), Bhubaneswar, India, 3University of California in San Francisco (UCSF), San Francisco, CA, USA, 4Instituto de Biología Molecular y Celular, Universidad Miguel, Alicante, Spain

9  SPATIO-TEMPORAL REWIRING OF THE SPINAL NOCICEPTIVE NETWORK IN A RAT MODEL OF NEUROPATHIC PAIN
R. Jaken, M. Marcus, E.A.J. Joosten, R. Deumens
Maastricht University Medical Centre, Maastricht, The Netherlands

10  PLASTICITY OF THE SPINAL GABA-ERGIC SYSTEM IN RELATION TO THE DEGREE OF CHRONIC NEUROPATHIC PAIN
S. Janssen, M. Truin, M. van Kleef, E.A.J. Joosten
Anesthesiology, Maastricht University, Maastricht, The Netherlands

11  THE TRANSCRIPTION FACTOR SMAD-INTERACTING PROTEIN 1 CONTROLS PAIN SENSITIVITY VIA MODULATION OF DRG NEURON EXCITABILITY
M. Jeub1, M. Emrich1, I. Racz2, B. Pradier2, A. Zimmer2, H. Beck3
1Department of Neurology, 2Institute of Molecular Psychiatry, 3Department of Epileptology, University of Bonn Medical Center, Bonn, Germany

12  PERCUTANEOUS ELECTRIC NERVE STIMULATION AND BETA-ENDORPHIN LEVEL IN PATIENTS WITH NEUROPATHIC PAIN IN CHRONIC OSTEOARTHRITIS
D. Labunskiy, Y. King Liu
Biomedical Engineering, University of Northern California, Santa Rosa, CA, USA

13  A LONG RANGE ENHANCER MODULATES CAPSAICIN INDUCTION OF THE TAC1 GENE PROMOTER IN SENSORY NEURONES
A. Mackenzie, L. Shanley, M. Lear, S. Davidson, R. Ross
SMS, IMS, University of Aberdeen, Aberdeen, UK
OUTCOME OF VITAMIN C SUPPLEMENTATION ON LEAD-INDUCED APOPTOSIS IN ADULT RAT HIPPOCAMPUS
M. Mehdizadeh¹, F. Kermanian², I. Nourmohammadi³
¹Cellular and Molecular Research Center Anatomical Sciences, Iran University of Medical Sciences, ²Anatomoical Sciences, Mashad University of Medical Sciences, ³Biochemistry, Iran University of Medical Sciences, Tehran, Iran

MECHANISMS OF PHASE-DEPENDENT PAIN-RELIEF ACTIVITY OF GLYCINE TRANSPORTER INHIBITORS AFTER NERVE INJURY
K. Morita¹, N. Motoyama², T. Kitayama¹, Y. Jinnin², F. Nishimura², T. Kanematsu¹, T. Dohi³
¹Department of Dental Pharmacology, ²Department of Dental Science for Health Promotion, Hiroshima University, Hiroshima, ³Department of Pharmacotherapy, Nihon Pharmaceutical University, Saitama Prefecture, Japan

HIV-1 GP120-MEDIATED EFFECTS ON NEURITE OUTGROWTH
P. Moss¹, K. Okuse⁵, S. McMahon³, A. Rice¹
¹Cancer & Surgery, ²Cell & Molecular Biology, Imperial College London, ³Wolfson Centre for Age-Related Diseases, King's College London, London, UK

SEROTONIN 2C RECEPTOR RNA EDITING AND ALTERNATIVE SPLICING IN THE RAT ORO-FACIAL NEUROPATHIC PAIN MODEL
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CHANGES OF DOPAMINERGIC D1 AND D2 RECEPTORS MRNA IN THE ANTERIOR CINGULATE CORTEX ASSOCIATED WITH NEUROPATHIC NOCICEPTION
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OXALIPLATIN-INDUCED HYPEREXCITABILITY IN ISOLATED NERVE SEGMENTS IS ENHANCED BY COLD AND REDUCED BY ACTIVATION OF Kv7 POTASSIUM CHANNELS
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20 SPINAL VANILLOID TRPV1 RECEPTOR AS A TARGET FOR ENDOGENOUS ANANDAMIDE IN NEUROPATHIC PAIN
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23 CHARACTERIZATION OF KV9.1 AND KV2 SUBUNIT EXPRESSION IN RAT DORSAL ROOT GANGLIA AND REGULATION AFTER INJURY
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O. Mohamad1, D. Chen2, S. Yu1, L. Wei2
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S. Boyaci, C. Celik, H. Ucan
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Neurology, Perm State Medical Academy, Perm, Russia

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S. Eldabe, M. Brookes
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Y. Karakulova, N. Novikova
Department of Neurology, Perm State Medical Academy, Perm, Russia
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G. Papadopoulos¹, P. Tzimas¹, A. Zigouris¹, S. Voulgaris¹, M. Karanikolas²
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38  QUANTITATIVE SENSORY TESTING AND CONTACT HEAT EVOKED POTENTIALS BEFORE AND AFTER TREATMENT IN NEUROPATHIC PAIN AFTER SPINAL CORD INJURY
H. Kumru¹, D. Soler¹, J. Vidal¹, A. Pacual-Leone², J. Valls-Sole³
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K. Maclver¹, J. Kandasamy², B. Soni³, L. Parkes⁴, T. Nurmikko¹
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40  INTRATHECAL BACLOFEN FOR INTRACTABLE NEUROPATHIC PAIN - PREDICTIVE STUDY OF EFFICACY AND LONG TERM RESULTS
A. Margot-Duclot, B. Silhouette, J.-B. Thiebaut
Neurosurgery - Pain Unit, Fondation Rothschild, Paris, France

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J. Lee, V.U.L. Mokkapati, O. Nesic
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IDENTIFICATION OF AGGRAVATING FACTORS IN PATIENTS WITH CHRONIC NEUROPATHIC PAIN FOLLOWING SPINAL CORD INJURY
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NEUROPATHIC PAIN FOLLOWING CERVICAL EPIDURAL STEROID INJECTION (CESI)
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THE RELATIONSHIP OF PAIN SEVERITY TO CEREBRAL WHITE MATTER ABNORMALITIES IN PATIENTS WITH PRIMARY SJOGREN’S SYNDROME
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TRANSCRANIAL DIRECT CURRENT STIMULATION (TDCS) AND VIRTUAL REALITY (VR) TECHNIQUES FOR TREATMENT NEUROPATHIC CENTRAL PAIN IN SPINAL CORD INJURY (NP_SCI)
D. Soler¹, H. Kumru¹, J. Vidal¹, F. Fregni², J.M. Tormos¹, X. Navarro³, A. Pascual Leone²
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NEUROPATHIC PAIN IN SPINAL CORD INJURY AND SYRINGOMYELIA: A COMPARATIVE QST AND TONIC THERMAL STIMULATION STUDY
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DREZ OPERATION FOR BRACHIAL PLEXUS AVUSION PAIN SYNDROM- DREZ OPERATION- LONG TERM FOLLOW-UP
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Department of Anesthesia and Pain Clinic, 'Thriassio' General Hospital, Elefsina, Greece

50  PREVALENCE OF PHANTOM LIMB PAIN IN DIABETIC AND NON-DIABETIC
LEG AMPUTEES: A CROSS-SECTIONAL OBSERVATIONAL SURVEY
N. Ventham¹, P. Heyburn², N. Huston³
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51  AGEING AND POSTROKE PAIN
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J. Berger, E. Hermans
Institut de Neuroscience, Université Catholique de Louvain, Brussels, Belgium

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M. Calvo¹, N. Zhu¹, C. Tsantoulas¹, Z. Ma², J. Grist¹, J. Loeb², D. Bennett¹
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S. van Neerven¹,²,³, E.A.J. Joosten¹, R. Deumens¹
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L. Di Cesare Mannelli\textsuperscript{1}, L. Bonaccini\textsuperscript{2}, A. Pacini\textsuperscript{2}, C. Ghelardini\textsuperscript{1}
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P. Grenier\textsuperscript{1}, S. Lecour\textsuperscript{1}, C.M. Cahill\textsuperscript{1,2,3}
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THE EFFECT OF GLIAL ACTIVATION ON CONTRALATERAL ALLODYNIA FOLLOWING SPINAL NERVE INJURY IN RATS
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TRANSMEMBRANE TNF\textgreek{a}-MEDIATED SIGNALING IN MICROGLIA: IMPLICATIONS FOR NEUROPATHIC PAIN
Z. Zhou, X. Peng, J. Hagshenas, R. Insolera, D. Fink, M. Mata
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THE EFFECT OF BOTULINUM NEUROTOXIN A ON CCI-INDUCED NEUROI MMUNOLOGICAL CHANGES IN RAT DRG AND SPINAL CORD
J. Mika\textsuperscript{1}, E. Rojewska\textsuperscript{1}, W. Makuch\textsuperscript{1}, S. Luvisetto\textsuperscript{2}, S. Marinelli\textsuperscript{2}, F. Pavone\textsuperscript{2}, B. Przewlocka\textsuperscript{1}
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EFFECTS OF EARLY RETINIO ACID TREATMENT ON INFLAMMATION IN A RAT MODEL OF CENTRAL NEUROPATHIC PAIN
S. van Neerven\textsuperscript{1,2,3}, R. Deumens\textsuperscript{1}, R. Jaken\textsuperscript{1}, E.A.J. Joosten\textsuperscript{1}, J. Mey\textsuperscript{2}
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OROFACIAL PAIN FOLLOWING TRAUMATIC EVENTS IN THE NECK
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CONTACT HEAT EVOKED POTENTIALS IN CAPSAICIN INDUCED HEAT HYPERALGESIA
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HIGH-FREQUENCY STIMULATION-INDUCED LONG-TERM POTENTIATION (LTP) AND LOW-FREQUENCY STIMULATION-INDUCED DEPOTENTIATION (DE-LTP) OF PAIN PERCEPTION IN HUMANS
L. Bürck¹,², D. Pfau¹, T. Klein¹, R.-D. Treede¹, W. Magerl¹
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ANALGESIC EFFECTS OF THE SELECTIVE PROSTANOID EP₄-RECEPTOR ANTAGONIST, BGC20-1531 USING LASER SOMATOSENSORY-EVOKED POTENTIALS FROM UVB- AND CAPSAICIN-IRRITATED SKIN IN VOLUNTEERS
K. Schaffler¹, F. Master², M. Peachey², C. Routledge²
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HOMOTOPIC AND HETEROTOPIC LONG-TERM POTENTIATION (LTP) OF HUMAN PAIN PERCEPTION: TWO UNCORRELATED PHENOMENA SHARING SIMILAR TIME COURSE OF EARLY-LTP
D. Pfau¹, T. Klein¹, D. Putzer², E. Pogatzki-Zahn², R.-D. Treede¹, W. Magerl¹
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SELF-LEARNING CLASSIFICATION OF FMRI DATA WITH THE CLASSIF1 SOFTWARE - AN EXAMPLE WITH SOMATOFORM PAIN DISORDER
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E. Anastassiou¹, A. Tzortzopoulou¹,², A. Alexandropoulou¹, K. Rizos², A. Karakosta¹, A. Kolotoura¹
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J. Cambitzi, A. Baranowski
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C.C. de Vos, C. Dijkstra, M.W.P.M. Lenders
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T. Elbaz¹, R. Hertz², M. Wada²
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T. Gabrhelik
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75 THE APPLICATION OF ULTRASOUND-GUIDED PERIPHERAL NERVE BLOCKS IN THE TREATMENT OF CHRONIC PAINFUL PERIPHERAL NEUROPATHIES: RESULTS FROM A PILOT STUDY
G. Hans¹,², L. Sermeus¹,², M. Vercauteren¹,²
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J. Koopman¹, L. De Vries²,³, J. Dieleman¹, F. Huygen⁴, B. Stricker¹,²,³, M. Sturkenboom¹,²
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W. Pluijms¹, R. Slangen¹, C. Faber², M. Janssen¹, M. Bakkers², E.A.J. Joosten¹, M. van Kleef¹
¹Anesthesiology, ²Neurology, Maastricht University Medical Centre, Maastricht, The Netherlands

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G. Ko¹, A. Hum²
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79  40 YEARS OF NEUROMODULATION IN THE TREATMENT OF CHRONIC PAIN AND SPASTICITY
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80  THE APPLICATION OF PULSED RADIO FREQUENCY IN CHRONIC PAIN
D. Koulousakis¹, A. Koulousakis², V. Sturm²
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Anesthesiology and Pain Clinic, Hippokratio Hospital of Athens, Athens, Greece

82  ELECTRICAL STIMULATION FOR NEUROPATHIC ABDOMINAL PAIN
L. Halley¹, C. Lahr¹, C. Subramony², K. Adams³, D. Spree⁴, T. Abell³
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COMPARISON BETWEEN TWO PERCUTANEOUS THERAPIES FOR TRIGEMINAL NEURALGIA: RETROGASSERIAN GLYCEROL RHIZOTOMY AND BALLOON COMPRESSION

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THE EFFECT OF SPINAL CORD STIMULATION (SCS) ON SENSORY CHANGES IN NEUROPATHIC PAIN

K. MacIver\textsuperscript{1}, D. Harmon\textsuperscript{2}, T. Numikko\textsuperscript{1}
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INTRATHecal PUMP DELIVERY SYSTEM CAN BE USED AS RESERVOIR, FOR INTERMITTENT IV LIDOCAINE FOR THE TREATMENT OF NEUROPATHIC FLANK PAIN

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SPINAL CORD STIMULATION: EFFECTS ON QUALITY OF LIFE EVALUATED BY THE SF-36 QUESTIONNAIRE

K. Meier\textsuperscript{1,2}, B. Christensen\textsuperscript{1}, L. Nikolajsen\textsuperscript{1}, J.-C. Sørensen\textsuperscript{2}, T.S. Jensen\textsuperscript{1}
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THE ADVANTAGES OF THE USE OF THE CT SCANNER IN THE INTERVENTIONAL PROCEDURES OF THE NEUROPATHIC PAIN

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THE EFFECTIVENESS OF CT-GUIDED SELECTIVE SPINAL NERVE ROOT BLOCKS FOR THE TREATMENT OF POSTHERPETIC NEURALGIA

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SPINAL CORD STIMULATION FOR TREATMENT OF INTRACTABLE PAIN FROM FAILED BACK SURGERY SYNDROME: A SUCCESSFUL EXPERIENCE AT SINGAPORE GENERAL HOSPITAL

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M. Pieran
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D. Rasche, V. Tronnier
Department of Neurosurgery, University of Lübeck, Lübeck, Germany

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Pain Therapy Centre, Oglio-Po Hospital, Casalmaggiore, Italy

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Neurosurgery, ‘Asclepeion’ General Hospital, Voula - Athens, Greece

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C. Wille¹, A. Schmitz², J. Vesper¹
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E. Vogt, L.M. Macrea, W. Schleinzer
Swiss Paraplegic Center, Nottwil, Switzerland

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A. Yakovlev, S. Karasev, V. Yakovleva
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A. Yakovlev, S. Karasev, V. Yakovleva
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M. Yosry¹, M. E. Abdelshafi², A. F. Elmulia³, E. Al-Dosoky Al-Shahawy⁴, M. Abdou Aly⁵, E. Abdul-Kader Eliewa⁶
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Anaesthesia, IRCH, AIIMS, New Delhi, India
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M. Brookes, S. Eldabe
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PANCOAST TUMOR PRESENTING WITH ARM PAIN
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E. Lampropoulou, A. Makris, V. Dimopoulou, K. Apostolopoulos
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W. Leppert
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A. Yakovlev\textsuperscript{1,}, S. Karasev\textsuperscript{2}, V. Yakovleva\textsuperscript{3}, Y. Merkulov\textsuperscript{3}
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A. Giardine\textsuperscript{1,}, L.R.G. Britto\textsuperscript{2,}, M. Chacur\textsuperscript{1,}
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J.-X. Dong¹, C.-J. Zhu¹, P.-J. Rong²
¹Clinical Medical School of Chinese Medicine, Capital University of Medical Sciences, ²Physiology, Institute of Acupuncture and Moxibustion, China Academy of Chinese Medical Sciences, Beijing, China

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E. Rosenberg, N. Mogga
Anesthesiology, University of Texas Health Science Center at San Antonio, San Antonio, TX, USA

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R. Akhileswaran¹, W.T. Lim², S. Ong², F.H. Tong³, S.B. Tan⁴, H.C. Tan⁵, J.-J.W. Chen⁵
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H. Bashiri
Internal Medicine, Kermanshah University of Medical Sciences, Kermanshah, Iran

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B. Bouche¹, J. Lemarie², V. Dixneuf¹, M. Meignier¹
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Neurology, Hospital Clinico San Carlos, Madrid, Spain

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N. Chen, L. He
Neurology Department, West China Hospital of Sichuan University, Chengdu, China

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School of Physiotherapy, University of Otago, Dunedin, New Zealand

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S. Schroeder, S. Epplée, A. Bey, W. Hu, F. Brazkiewicz
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D. Wolfe, M. Mata, D. Fink
1Diamyd, Pittsburgh, PA, 2Neurology, University of Michigan, Ann Arbor, MI, USA

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A. Gupta, A. Valovska
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L. Halley, C. Lahr, R. Schmieg, D. Spree, T. Abell
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Anaesthesiology, Konstadopouleio General Hospital of Nea Ionia, Athens, Greece

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C.-W. Liu1, C.-H. Chen1,2, Y.-F. Huang3, M.-H. Huang1,2
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T.M.A. Raheem1,2, J.H. Raphael1,2, J.L. Southall2, R.L. Ashford1
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H. Takahara, K. Yamamoto, T. Wakabayashi
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M. Yosry
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N. Zangiabadi
Kerman Neuroscience Research Centre, Kerman University of Medical Sciences, Kerman, Iran

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D. Arbaiza
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M. Backonja1, G. Irving2, D. Simpson3, J. Tobias4, G. Vanhove4
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163 USE OF A TRANSIENT RECEPTOR POTENTIAL (TRP)M8 AGONIST - TOPICAL MENTHOL - IN THE TREATMENT OF NEUROPATHIC PAIN
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164 NEUROPATHIC COMPONENT IN CHRONIC RADICULOPATHY: DIAGNOSIS AND TREATMENT
A. Danilov, T. Zharkova, A. Frolov
Moscow Medical Academy, Moscow, Russia

165 A DOUBLE BLIND RANDOMISED CONTROLLED CROSSOVER TRIAL COMPARING AMITRIPTYLINE AND PLACEBO FOR THE TREATMENT OF MODERATE TO SEVERE HIV NEUROPATHY
N. Dinat, N. Hatta, HIV Pain Study Group SA Pain Palliative Care, University of the Witwatersrand, Johannesburg, South Africa

166 AUDIT OF LIDOCAINE 5% PLASTER FOR REFRACTORY NEUROPATHIC PAIN
E. Douglas, R. Forbes, S. Smith, C. Smith
Chronic Pain Service, NHS BORDERS Borders General Hospital, Scottish Borders, UK

167 ADALIMUMAB IN SEVERE AND ACUTE SCIATICA. A MULTICENTRE, RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL
S. Genevay1, S. Viatte1, A. Finckh1, P. Zufferey2, F. Balague3, C. Gabay1
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168  THE ANTICONVULSANT LEVETIRACETAM FOR THE TREATMENT OF PAIN IN POLYNEUROPATHY. A RANDOMIZED, PLACEBO-CONTROLLED, CROSS-OVER TRIAL
J.V. Holbech¹, M. Otto², F.W. Bach³, T.S. Jensen⁴, S.H. Sindrup¹
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169  QUTENZA™ (NGX-4010), A HIGH-CONCENTRATION CAPSAICIN PATCH, ADMINISTERED ALONE OR IN COMBINATION WITH SYSTEMIC NEUROPATHIC PAIN MEDICATIONS REDUCES PERIPHERAL NEUROPATHIC PAIN
G.A. Irving¹, M.M. Backonja², R. Rauck³, J.K. Tobias⁴, G.F. Vanhove⁴
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170  A CLINICAL TRIAL OF NITROSENSE® PATCH FOR THE TREATMENT OF DIABETIC PATIENTS WITH PERIPHERAL DIABETIC NEUROPATHY
R.P. Agrawal¹, S. Jain¹, S. Goyal¹, A. Kochar¹, S. Singhal¹, L. Lindgren², E. Sthengel²
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171  NEUROPHYSIOLOGIC EVALUATION OF ALPHA LIPOID ACID THERAPY AT DIABETIC POLYNEUROPATHY PATIENTS
M. Jolic¹, G. Djordjevic², S. Jolic³, S. Djuric¹, M. Lazarevic¹
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172  PREDICTORS OF CARBAMAZEPINE TREATMENT FAILURE IN TRIGEMINAL NEURALGIA
J. Koopman¹, J. Dieleman¹, F. Huygen², E. Steyerberg³, M. Sturkenboom¹⁴
¹Medical Informatics, Erasmus University Rotterdam, ²Pain Treatment, Erasmus MC, University Medical Center Rotterdam, ³Public Health, ⁴Epidemiology, Erasmus University Rotterdam, Rotterdam, The Netherlands

173  VIDEO ANALYSIS OF MOVEMENTS IN LOW BACK PAIN THERAPY
U. Lukashevich, S. Likhachev, N. Tarasevich
National Neurology and Neurosurgery Research Centre, Minsk, Belarus
ASSESSING THE IMPACT OF PREGABALIN TREATMENT ON PAIN, QUALITY OF SLEEP AND GENERAL WELL-BEING IN GREEK PATIENTS WITH NEUROPATHIC PAIN
E. Anastassiou¹, C. Iatrou², N. Vlaikidis³, M. Vafiadou⁴, G. Stamatiou⁵, E. Plesia⁶, L. Lyras⁷, A. Vadalouca⁸, on behalf of the ATLAS Study Investigators
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5% LIDOCAINE MEDICATED PLASTER IS EFFICACIOUS AND WELL TOLERATED IN PATIENTS WITH IMPAIRED RENAL FUNCTION OR DEMONSTRATED INTOXERABILITY FOR PREGABALIN
S. Rehm¹, D. Naleschinski¹, I. Tacken², R. Baron¹
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CONTROLLED-RELEASE OXOCODONE IN THE TREATMENT OF NEUROPATHIC PAIN OF NON-MALIGNANT AND MALIGNANT CAUSES
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A META-NALYSIS OF RANDOMISED CONTROLLED CLINICAL TRIALS ASSESSING THE EFFECTIVENESS OF PHARMACOLOGICAL INTERVENTIONS FOR PAINFUL HIV-ASSOCIATED SENSORY NEUROPATHY
T.J.C. Phillips¹, C.L. Cherry², S. Cox³, S. Marshall⁴, A. Rice¹
¹Anaesthetics, Pain Medicine & Intensive Care, Imperial College, London, UK, ²Centre for Virology, Burnet Institute, Alfred Hospital and Monash University, Melbourne, VIC, Australia, ³Palliative Medicine, Chelsea and Westminster Hospital, London, UK

AN AUDIT TO ASSESS THE EFFICACY OF LIDOCAINE 5% PLASTERS IN PATIENTS WITH 'MIXED PAIN' SYNDROMES
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AN AUDIT TO ASSESS THE EFFICACY OF LIDOCAINE 5% PLASTERS IN PATIENTS WITH REFRACTORY NEUROPATHIC PAIN STATES
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180 ORAL AND CUTANEOUS THERMOSENSORY PROFILE OF SELECTIVE TRPV1 INHIBITION BY ABT-102 IN HEALTHY VOLUNTEERS
M. Rowbotham\textsuperscript{1,2}, W. Nothaft\textsuperscript{3}, W.R. Duan\textsuperscript{3}, C. Faltynek\textsuperscript{3}, S. Mc Garaughty\textsuperscript{3}, K. Chu\textsuperscript{3}, P. Svensson\textsuperscript{4,5}
\textsuperscript{1}California Pacific Medical Center Research Insitute, \textsuperscript{2}University of California San Francisco, San Francisco, CA, \textsuperscript{3}Abbott, Abbott Park, IL, USA, \textsuperscript{4}MINDLab, Center of Functionally Integrative Neuroscience, Aarhus University Hospital, \textsuperscript{5}Clinical Oral Physiology School of Dentistry, Aarhus University, Aarhus, Denmark

181 PATIENT GLOBAL IMPRESSION OF CHANGE ASSOCIATED WITH TAPENTADOL PROLONGED RELEASE (PR) FOR THE MANAGEMENT OF PAINFUL DIABETIC PERIPHERAL NEUROPATHY (DPN)
D.Y. Shapiro\textsuperscript{1}, R. Lange\textsuperscript{2}, A. Okamoto\textsuperscript{1}, A. Steup\textsuperscript{2}, M. Etropolski\textsuperscript{1}
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182 AN ORAL CORTICOSTEROID PROTOCOL FOR EARLY COMPLEX REGIONAL PAIN SYNDROME
M. Vagg
Pain Management Unit, The Geelong Hospital, Geelong, VIC, Australia

183 CHANGE PAIN SURVEY AT EFIC 2009 - PHYSICIAN’S PERCEPTION ON MANAGEMENT OF SEVERE CHRONIC NON-CANCER PAIN
G. Varrassi\textsuperscript{1}, S. Nosso\textsuperscript{2}, S. Wiemer\textsuperscript{2}
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184 DURATION OF TREATMENT RESPONSE TO QUTENZA (TM) (NGX-4010), A HIGH-CONCENTRATION CAPSAICIN PATCH, IN PATIENTS WITH POSTHERPETIC NEURALGIA
L. Webster\textsuperscript{1}, T.P. Malan\textsuperscript{2}, M.M. Tuchman\textsuperscript{3}, M.D. Mollen\textsuperscript{4}, J.K. Tobias\textsuperscript{5}, B. Lu\textsuperscript{5}, G.F. Vanhove\textsuperscript{5}
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185 PHARMACOEPIDEMIOLOGY OF NEUROPATHIC PAIN (NP) PATIENTS REFERRED TO A TERTIARY CARE PAIN CLINIC
B. Yegneswaran\textsuperscript{1}, A.F. Louffat\textsuperscript{2}, S.F. Lakha\textsuperscript{2,3}, A. Mailis Gagnon\textsuperscript{2,4,5}
\textsuperscript{1}Internal Medicine, Drexel University College of Medicine / St Peter's University Hospital, New Brunswick, NJ, USA, \textsuperscript{2}Comprehensive Pain Program, Toronto Western Hospital, \textsuperscript{3}Institute of Medical Sciences, University of Toronto, \textsuperscript{4}University of Toronto, Center for the Study of Pain, \textsuperscript{5}Krembil Neuroscience Center, Toronto, ON, Canada
EPIDURAL ANALGESIA PLUS PREGABALIN IMPROVES QUALITY OF LIFE IN CHRONIC NEUROPATHIC PAIN PATIENTS
P. Arambatzis¹, C. Pourzitaki², E. Haftoura¹, E. Toutounopoulou¹, D. Kouvelas²
¹Anaesthesiology, Achilloupolouion General Hospital, Volos, ²Pharmacology, School of Medicine, Aristotle University of Thessaloniki, Thessaloniki, Greece

THE PAIN THAT LINGERS: FAMILY FUNCTIONING IN ADOLESCENTS WITH SOMATIC COMPLAINTS
D. Bennett, R. Hoffman, H. Bibby, F. Harrison, S. Sampson, S. Towns
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FIBROMYALGIA AND PERSONALITY: A RORSCHACH® STUDY
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LIVING WITH NEUROPATHIC PAIN: CONSEQUENCES OF PSYCHOLOGICAL FACTORS IN THE DISEASE EVOLUTION
I. Franco¹, F. Marchand², N. Mimassi², D. Perronet³
¹Pain Department, University Hospital, Bron, ²University Hospital, Brest, ³Pain Department, General Hospital, Macon, France

DO PSYCHOLOGICAL FACTORS INFLUENCE SCS?
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SELF EVALUATED ABILITY TO WORK USING DOLOTEST® AMONG PATIENTS SEEKING PRIMARY CARE DUE TO PAIN
K. Kristiansen¹,²
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SWIMMING EXERCISE REVERSES TACTILE STIMULUS-INDUCED HYPERSENSITIVITY AND CREB PHOSPHORYLATION FOLLOWING PERIPHERAL NERVE INJURY
G. Lucas¹, M. Benedetti², R. Merino², P.I. José¹, C. Perez¹, F. Cadetti², P.C. dos Santos², S. Zanon¹
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MICROTUBULE STABILIZER-INDUCED NEUROPATHIC PAIN: CROSS TALK BETWEEN TRPV CHANNELS AND MICROTUBULE CYTOSKELETON
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194 ANTIALLODYNIC EFFECTS OF SEROTONIN 2C RECEPTOR AGONISTS IN THE RAT ORO-FACIAL NEUROPATHIC PAIN MODEL
K. Nakai¹, A. Nakae², T. Tanaka³, S. Oba¹, M. Shibata⁴, T. Mashimo², K. Ueda¹
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195 ABNORMAL ACTIVITY OF PRIMARY SOMATOSENSORY CORTEX IN CENTRAL PAIN
R. Quiton¹,², S. Thompson¹,³, A. Keller¹,²
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196 BI-POLAR SPINAL CORD STIMULATION ATTENUATED MECHANICAL ALLODYnia IN NEUROPATHIC RATS AT INTENSITIES THAT ACTIVATES A SMALL FRACTION OF A-FIBER AFFERENTS
Y. Guan¹, A. Carteret¹, P. Wacnik², R. Meyer³, S.N. Raja¹
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197 STUDY OF THE HCN CHANNEL BLOCKER ZD7288 IN PRECLINICAL MODELS OF INFLAMMATORY AND NEUROPATHIC PAIN
M. Thakur, N. Baruch, A.H. Dickenson
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198 PERIPHERAL GALANIN RECEPTOR-2 ACTIVATION REVERSES NERVE INJURY-INDUCED ALLODYnia
R. Hulse, L. Donaldson, D. Wynick
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