Third International Congress on Neuropathic Pain

Scientific Program

Friday, May 28, 2010
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Speaker/Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-10:30</td>
<td><strong>PLenary Session I</strong></td>
<td><strong>Hall A (Plenary &amp; Treatment)</strong></td>
<td><strong>The Spinal Cord</strong></td>
</tr>
<tr>
<td>11:00-11:30</td>
<td>Refreshment Break, Poster Viewing and Exhibition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11:30-13:00</td>
<td><strong>Industry Sponsored Symposium</strong></td>
<td><strong>Hall A (Plenary &amp; Treatment)</strong></td>
<td><strong>Severe Chronic Pain: From Trial and Error to True Innovation? - Tapentadol and The MOR-NRI Concept. Sponsored by Grunenthal</strong></td>
</tr>
<tr>
<td>11:30-13:00</td>
<td><strong>Industry Sponsored Symposium</strong></td>
<td><strong>Hall B (Syndromes)</strong></td>
<td><strong>Targeting the Skin for Treating Peripheral Neuropathic Pain. Sponsored by Astellas Pharma Europe Ltd.</strong></td>
</tr>
<tr>
<td>13:00-13:30</td>
<td>Lunch Break, Poster Viewing and Exhibition</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:30-15:30</td>
<td><strong>Poster Session I</strong></td>
<td><strong>Poster Area</strong></td>
<td>-Animal Models&lt;br&gt;-Diagnosis / Assessment&lt;br&gt;-Education, Ethics, Economics, Law&lt;br&gt;-Epidemiology&lt;br&gt;-Genetics&lt;br&gt;-Pain Services, Health Care System&lt;br&gt;-Peripheral Neuropathic Pain&lt;br&gt;-Possible Neuropathic Pains</td>
</tr>
</tbody>
</table>
Friday, May 28, 2010 (cont’d)

15:30-17:00  PARALLEL WORKSHOPS  HALLS A - F

HALL A:  T4 - PERSONALIZED TREATMENT OF NEUROPATHIC PAIN: FICTION OR FUTURE?
HALL B:  C4 - COMPLEX REGIONAL PAIN SYNDROME: FROM HUMAN MODEL TO THE CLINIC
HALL C:  B4 - NEUROPATHIC PAIN IN CANCER PATIENTS
HALL D:  M4 - SODIUM CHANNELS IN INHERITED AND ACQUIRED PAIN DISORDERS
HALL E:  A4 - CLINICAL AND QUANTITATIVE SENSORY TESTING BY PRIMARY CARE DOCTORS
HALL F:  S4 - THE SPINOThALAMIC TRACT AND ITS ROLE IN PAIN

17:00-17:30  REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION

17:30-19:00  INDUSTRY SPONSORED SYMPOSIUM  HALL A (Plenary & Treatment)

THERE’S NOTHING MORE IMPORTANT THAN PAIN RELIEF! - A NEUROPATHIC PAIN DEBATE. SPONSORED BY PFIZER
PLENARY SESSION: PLENARY SESSION I: THE SPINAL CORD (For abstracts see pages 95-97)

Chairmen: H. Vanegas, Venezuela
           J.O. Dostrovsky, Canada

09:00 PERIPHERAL SODIUM CHANNELS AS GATE-KEEPERS FOR PAIN
       S. Dib-Hajj\textsuperscript{1,2}
       \textsuperscript{1}Neurology & Center for Neuroscience and Regeneration Research, Yale School of Medicine, \textsuperscript{2}Rehabilitation Research Center, VA Connecticut Healthcare System, West Haven, CT, USA

09:30 CHEMOKINES IN NEUROPATHIC PAIN
       S. McMahon
       London Pain Consortium King's College London, London, UK

10:00 NOVEL OPIOID ACTIONS IN THE SPINAL CORD
       J. Sandkühler
       Department of Neurophysiology, Center for Brain Research, Medical University of Vienna, Vienna, Austria

10:30 SPINAL CORD INJURY PAIN - FROM SYMPTOM TO PATHOLOGY
       G. Wasner
       Department of Neurology, Kiel, Germany

11:00 REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION
### WORKSHOP – TREATMENT 4: PERSONALIZED TREATMENT OF NEUROPATHIC PAIN: FICTION OR FUTURE? (For Workshop Summary see page number 121)

**Chairmen:**
- J. Scholz, USA
- C. Argoff, USA

#### Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:30</td>
<td><strong>INDIVIDUAL PAIN PHENOTYPES</strong></td>
<td>J. Scholz</td>
<td>Neurobiology Program, Children's Hospital Boston, Boston, MA, USA</td>
</tr>
<tr>
<td>15:50</td>
<td><strong>GENETICS OF NEUROPATHIC PAIN</strong></td>
<td>I. Belfer</td>
<td>Anesthesiology, University of Pittsburgh, Pittsburgh, PA, USA</td>
</tr>
<tr>
<td>16:10</td>
<td><strong>FUNCTIONAL IMAGING OF NEUROPATHIC PAIN</strong></td>
<td>C. Maihöfner</td>
<td>University of Erlangen, Erlangen, Germany</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>DISCUSSION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td><strong>REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### WORKSHOP – SYNDROMES 4: COMPLEX REGIONAL PAIN SYNDROME: FROM HUMAN MODEL TO THE CLINIC (For Workshop Summary see page number 122)

**Chairmen:**
- T. S. Jensen, Denmark
- D. Simpson, USA

#### Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>15:30</td>
<td><strong>THE CLINICAL CHARACTERISTICS OF COMPLEX REGIONAL PAIN SYNDROME</strong></td>
<td>T. S. Jensen</td>
<td>Neurology, Danish Pain Research Center, Aarhus University Hospital, Aarhus, Denmark</td>
</tr>
<tr>
<td>15:50</td>
<td><strong>CENTRAL SENSITIZATION</strong></td>
<td>A.H. Dickenson</td>
<td>Neuroscience, Physiology, Pharmacology, University College London, London, UK</td>
</tr>
<tr>
<td>16:10</td>
<td><strong>A HUMAN EXPERIMENTAL IMMOBILIZATION MODEL AND COMPLEX REGIONAL PAIN SYNDROME</strong></td>
<td>A.J. Terkelsen</td>
<td>Department of Neurology and Danish Pain Research Center, University Hospital of Aarhus, Aarhus, Denmark</td>
</tr>
<tr>
<td>16:30</td>
<td><strong>DISCUSSION</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td><strong>REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Friday, May 28, 2010

15:30-17:00  HALL C (Interventions)

WORKSHOP – INTERVENTIONS 4: NEUROPATHIC PAIN IN CANCER PATIENTS (For Workshop Summary see page number 123)
Chairmen:  A. Vadalouca, Greece
            E. Vrachnou-Alexopoulou, Greece

15:30  MANAGEMENT OF NEUROPATHIC PAIN IN CANCER PATIENTS
A. Vadalouca
Pain Relief and Palliative Care Center, University of Athens, Athens, Greece

15:50  NEUROPATHIC PAIN IN CANCER PATIENTS. PREVALENCE AND ASSESSMENT
E. Argyra
National and Kapodistrian University of Athens, Athens, Greece

16:10  MECHANISMS OF NEUROPATHIC PAIN IN CANCER PATIENTS
I. Siafaka
1st Anesthesiology Clinic, Pain Relief and Palliative Care Unit, Aretaieio University Hospital, University of Athens, Athens, Greece

16:30  DISCUSSION

17:00  REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION

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

WORKSHOP – MECHANISMS 4: SODIUM CHANNELS IN INHERITED AND ACQUIRED PAIN DISORDERS (For Workshop Summary see page number 124)
Chairmen:  S. Dib-Hajj, USA
            A. Basbaum, USA

15:30  NA\textsubscript{v}1.7 IS A THRESHOLD CHANNEL FOR PAIN
S. Dib-Hajj\textsuperscript{1,2}
\textsuperscript{1}Neurology & Center for Neuroscience & Regeneration Research, Yale School of Medicine, \textsuperscript{2}Rehabilitation Research Center, VA Connecticut Healthcare System, West Haven, CT, USA

15:50  SELECTIVE ABOLITION OF ABNORMAL IMPULSES BY A NON-CHANNEL SELECTIVE BLOCKER, LIDOCAINE
G. Strichartz
Pain Research Center, Harvard Medical School, Boston, MA, USA

16:10  SODIUM CHANNELS AND ECTOPIC REPETITIVE FIRING IN PAINFUL NEUROPATHY
M. Devor\textsuperscript{1,2}
\textsuperscript{1}Department of Cell and Developmental Biology, \textsuperscript{2}Center for Research on Pain, The Hebrew University of Jerusalem, Jerusalem, Israel

16:30  DISCUSSION

17:00  REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION
Friday, May 28, 2010

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

WORKSHOP – ASSESSMENT AND PSYCHOLOGY 4: CLINICAL AND QUANTITATIVE SENSORY TESTING BY PRIMARY CARE DOCTORS (For Workshop Summary see page number 125)

Chairmen:  M. Backonja, USA
            R. Baron, Germany

15:30  CHALLENGES AND OPPORTUNITIES FOR NEUROPATHIC PAIN EVALUATION IN PRIMARY CARE SETTING
M. Backonja
University of Wisconsin-Madison, Madison, WI, USA

15:50  STANDARDIZING THE CLINICAL SENSORY EXAMINATION
M. Ware
McGill University MUHC Pain Centre/Anesthesia, Montreal, QC, Canada

16:10  BASIS FOR A SIMPLE CLINICAL SENSORY EXAMINATION IN NON SPECIALIZED PRACTICE
G. Mick
Pain Center, Neurological Hospital, Bron

16:30  DISCUSSION

17:00  REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION

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

WORKSHOP – STRUCTURE AND ORGANISATION OF THE CNS 4: THE SPINOthalamic TRACT AND ITS ROLE IN PAIN (For Workshop Summary see page number 126)

Chairmen:  N.B. Finnerup, Denmark
            J. Castro-Lopes, Portugal

15:30  SPINOthalamic TRACT DYSFUNCTION IN CENTRAL PAIN
N.B. Finnerup
Danish Pain Research Center, Aarhus University, Aarhus, Denmark

15:50  SYNAPTIC LONG-TERM POTENTIATION AT THE FIRST SPINAL SYNAPSES IN PAIN PATHWAYS
J. Sandkühler
Department of Neurophysiology, Center for Brain Research, Medical University of Vienna, Vienna, Austria

16:10  ASSESSMENT OF THE SPINOthalamic TRACT (STT) FUNCTION FOLLOWING NERVOUS SYSTEM LESIONS
L. Garcia-Larrea
Central Integration of Pain - U879 Inserm, INSERM & University Claude Bernard Lyon, Lyon, France

16:30  DISCUSSION

17:00  REFRESHMENT BREAK, POSTER VIEWING AND EXHIBITION
**POSTER SESSION I**
(See pages 20 – 46)

<table>
<thead>
<tr>
<th>Category</th>
<th>Boards</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANIMAL MODELS</td>
<td>1 - 63</td>
</tr>
<tr>
<td>DIAGNOSIS / ASSESSMENT</td>
<td>64 - 89</td>
</tr>
<tr>
<td>EDUCATION, ETHICS, ECONOMICS, LAW</td>
<td>90 - 92</td>
</tr>
<tr>
<td>EPIDEMIOLOGY</td>
<td>93 - 100</td>
</tr>
<tr>
<td>GENETICS</td>
<td>101 - 103</td>
</tr>
<tr>
<td>PAIN SERVICES, HEALTH CARE SYSTEM</td>
<td>104</td>
</tr>
<tr>
<td>PERIPHERAL NEUROPATHIC PAIN</td>
<td>105 - 163</td>
</tr>
<tr>
<td>POSSIBLE NEUROPATHIC PAINS</td>
<td>164 - 175</td>
</tr>
</tbody>
</table>
INVOLVEMENT OF INCREASED EXPRESSION OF TRANSIENT RECEPTOR POTENTIAL MELASTATIN 8 IN ACUTE COLD ALLODYNA INDUCED BY OXALIPLATIN IN MICE
T. Andoh¹, S. Mizuguchi¹, P. Gauchan¹, T. Yakura², Y. Kuraishi¹
¹Department of Applied Pharmacology, ²Department of Organomolecular Chemistry, University of Toyama, Toyama, Japan

MODULATION OF NEUROPATHIC PAIN IN RATS BY THE GPR55 RECEPTOR
J. Ashton, P. Brownjohn
University of Otago, Dunedin, New Zealand

THE POSSIBLE ROLE OF GABAPENTIN WITH NITRIC OXIDE ON PERIPHERAL NERVE REGENERATION
R. Ek¹, O.N. Aydin², M. Bilgin³, F. Sekdur⁴, S. Zencirci³, H. Basoglu³
¹Phsiology, ²Anesthesiology/Algology, ³Biophysics, ⁴Anesthesiology, Adnan Menderes University, Medical Faculty, Aydin, Turkey

THE ANTINOCICEPTIVE EFFECTS OF GABAPENTIN AND NITRIC OXIDE ON NEUROPATHIC PAIN MODEL FORMED IN RATS
F. Sekdur¹, O.N. Aydin², B. Alacam³, M. Ogurlu¹, S. Temocin³, S. Sen¹, A. Yentur⁴
¹Anesthesiology, ²Anesthesiology/Algology, ³Physiology, Adnan Menderes University, Medical Faculty, Aydin, Turkey, ⁴Anesthesiology Department, Celal Bayar University Medical Faculty, Manisa, Turkey

THE PLACE-ESCAPE-AVOIDANCE PARADIGM AS AN OUTCOME MEASURE FOR CENTRAL PAIN FOLLOWING SPINAL CORD INJURY
C. Baastrup¹, N.B. Finnerup¹, T.S. Jensen¹,²
¹Danish Pain Research Center, Aarhus University, ²Department of Neurology, Aarhus University Hospital, Aarhus, Denmark

LITHIUM REDUCES NEUROPATHIC PAIN; INVOLVEMENT OF OPIOID SYSTEM
H.R. Banafshe¹,², G. Hamidi¹, A. Mesdaghinia¹, M. Noorani Arani¹, M. Honarkar Ramezani¹
¹Kashan University of Medical Sciences, Kashan, ²Ahvaz Jundishapur University of Medical Sciences, School of Pharmacy, Ahvaz, Iran

IMMUNOHISTOCHEMICAL ANALYSIS OF CB2 RECEPTOR PROTEIN IN THE SPINAL CORD OF NEUROPATHIC RATS TREATED WITH THE CB2-SELECTIVE AGONIST GW405833
P.W. Brownjohn¹, E.D. Milligan², J. Wilkerson², J.C. Ashton¹
¹Pharmacology and Toxicology, University of Otago, Dunedin, New Zealand, ²University of New Mexico, Albuquerque, NM, USA

INFLUENCE OF MAGNESIUM ON MORPHINE ACTIVITY IN DIABETIC AND TOXIC NEUROPATHY PAIN MODELS
M. Bujalska, H.E. Makulska-Nowak
Pharmacodynamics, Medical University of Warsaw, Warsaw, Poland
POSTER SESSION I
Animal Models (contd.)

Poster Board No 9

EVALUATION OF THE EFFECT OF THE SELECTIVE SIGMA-1 RECEPTOR ANTAGONIST S1RA IN NEUROPATHIC PAIN USING AN OPERANT MODEL
S.A. Bura¹, T. Guegan¹, D. Zamanillo², J.M. Vela², R. Maldonado¹
¹Departament de Ciències Experimentalis i de la Salut, Universitat Pompeu Fabra, ²Laboratorios Dr. Esteve S.A., Barcelona, Spain

MODIFICATION OF MORPHINE ANALGESIA BY VENLAFAXINE IN DIABETIC NEUROPATHIC PAIN MODEL.
K. Cegielska-Perun, M. Bujalska, H.E. Makulska-Nowak
Pharmacodynamic, Medical University of Warsaw, Warsaw, Poland

TOURNIQUET-INDUCED LIMB ISCHEMIA PRODUCES EXCITATORY AMINO ACIDS RELEASE IN THE CEREBROSPINAL FLUID OF THE RAT
C.-H. Cherng, C.-S. Wong
Anesthesiology, Tri-Service General Hospital, Taipei, Taiwan R.O.C.

DEVELOPMENT OF AN ORALLY ACTIVE PEPTIDE FOR THE TREATMENT OF NEUROPATHIC PAIN
R. Clark¹, V. Guille², B. Callaghan², D. Adams², D. Craik³
¹The University of Queensland, Institute for Molecular Bioscience, Brisbane, QLD, ²RMIT University, Health Innovation Research Institute (HIRi), Bundoora, VIC, Australia

ZINC MODIFIED ROPIVACAINE INDUCED EFFECTS ON FROG’S - RANA RIDIBUNDA - ISOLATED SCIATIC NERVE
A. Daflou¹, D. Damigos², I.-K. Deligiannis¹, E. Kontargiris¹, R. Liasko³, D. Filiou¹, A. Vadalouca¹, V. Kalfakakou¹
¹Laboratory of Physiology, Medical School, University of Ioannina, ²Laboratory of Medical Psychology, Psychiatric Clinic, Medical School, University of Ioannina, ³Laboratory of Zoology, Department of Biological Applications and Technologies, University of Ioannina, Ioannina, ⁴University Clinic, Areteion Hospital, Athens, Department of Anesthesia, Pain Relief and Palliative Care, Athens, Greece

HEMOPRESSIN INDUCES ANTINOCICEPTION IN AN EXPERIMENTAL MODEL OF NEUROPATHIC PAIN
E. Maique¹, E. Ferro², A. Heimann³, C. Dale⁴
¹Laboratory of Experimental Pain, Institute of Teaching and Research of the Sirio-Libanês Hospital, ²Cell and Developmental Biology, University of Sao Paulo, Sao Paulo, ³Proteimax Biotechnology, Cotia, ⁴Experimental Pain, Institute of Teaching and Research of the Sirio-Libanês Hospital, Sao Paulo, Brazil
POSTER SESSION I  
Animal Models (contd.)

Poster Board No

15  PULSED RADIOFREQUENCY IMPROVES EXPERIMENTAL NEUROPATHIC PAIN BUT IS NOT A NEUROMODULATION TECHNIQUE  
A. Dario1, E. Borsani2, M. Protasoni3, M. Reguzzoni3, C. Reverberi4, S. Sangiorgi5, G. Tomei1, L. Rodella2  
1Neurosurgical Clinic, Varese Regional Hospital, Varese, 2University of Brescia, Unit of Human Anatomy, Brescia, 3University of Insubria, Department of Human Morphology, Varese, 4Pain Therapy Centre, Oglio-Po Hospital, Cremona, 5Neurosurgical Clinic, Varese Regional Hospital, Varese, Italy

16  MORPHOLOGY OF SURAL NERVE IN WISTAR, WISTAR-KYOTO AND SPONTANEOUSLY HYPERTENSIVE RATS: POTENTIALS FOR EXPERIMENTAL MODELS OF NEUROPATHIC PAIN  
L. Sanada1, H. Salgado2, V.P. Fazan3  
1Department of Neuroscience and Behavioral Neuroscience, 2Department of Physiology, 3Department of Surgery and Anatomy, School of Medicine of Ribeirão Preto - University of São Paulo, Ribeirão Preto, Brazil

17  POSSIBLE PATHWAYS FOR ANTIINOCICEPTIVE EFFECT OF MOTOR CORTEX STIMULATION: INHIBITION OF THALAMIC AND INCREASE OF PAG NEURONAL ACTIVITY  
E. Fonoff1,2, R. Pagano2, C. Dale2, G. Ballester1, M. Teixeira1  
1Department of Neurology, School of Medicine of University of São Paulo, 2Instituto de Ensino e Pesquisa, Hospital Sírio Libanês, São Paulo, Brazil

18  IN VIVO CHARACTERISATION OF THE NEW SELECTIVE SIGMA-1 RECEPTOR ANTAGONIST (S1RA): POTENTIAL USE FOR THE TREATMENT OF NEUROPATHIC PAIN  
M. Fort1, G. Gris1, B. Aubel1, A. Vidal1, L. Romero1, A. González1, E. Portillo-Salido1, Y. Darbaky2, K. Deseure3, J.M. Vela1, D. Zamanillo1  
1Pharmacology, ESTEVE, Barcelona, Spain, 2ANS Biotech. Facultés de Médecine et Pharmacie, Clermont-Ferrand, France, 3Laboratory of Anesthesiology, University of Antwerp, Antwerp, Belgium

19  PREGABLIN EFFECTS ON NEURONAL RESPONSES IN THE AMYGDALA OF RATS WITH SPINAL NERVE LIGATION  
L. Goncalves, A.H. Dickenson  
Neuroscience, Physiology and Pharmacology, University College London, London, UK
**POSTER SESSION I**  
**Animal Models (contd.)**

Poster Board No

20  
**DIFFERENTIAL INVOLVEMENT OF ENDOTHELINS IN OROFACIAL AND HIND PAW MECHANICAL HYPERALGESIA INDUCED BY CISPLATIN IN MICE**  
G. Guginski¹, M.D. Silva², G.A. Rae¹  
¹Pharmacology, ²Physiology, Universidade Federal de Santa Catarina, Florianópolis, Brazil

21  
**EVALUATION OF THE ANTI-HYPERALGESIC AND ANTI-ALLODYNIC EFFECTS OF CATHEPSIN S INHIBITION IN A MURINE MODEL OF NEUROPATHIC PAIN**  
J.-X. Hao¹, X.-J. Xu¹, Z. Wiesendfeld-Hallin¹, E. Lindstrom², E. Hewitt²  
¹Department of Clinical Neuroscience, Karolinska University Hospital, ²Medivir AB, Huddinge, Sweden

22  
**PHOSPHORYLATION OF EXTRACELLULAR SIGNAL-REGULATED KINASE IN TRIGEMINAL SPINAL SUBNUCLEUS CAUDALIS NEURONS DURING REGENERATION OF THE TRIGEMINAL NERVE**  
S. Hitomi, I. Suzuki, K. Iwata  
Nihon University, Tokyo, Japan

23  
**PATTERNS OF ONGOING ACTIVITY IN CHRONICALLY INJURED MUSCLE AFFERENTS**  
I. Kirillova¹, V. Rausch¹, J. Tode¹, R. Baron², W. Jänig¹  
¹Institute of Physiology, Christian-Albrechts-Universität, ²Neurology, Universitätsklinikum Schleswig Holstein / Christian-Albrechts-Universität, Kiel, Germany

24  
**LONG-TERM CHANGES IN PAIN SENSITIVITY AFTER NEONATAL REPETITIVE PAIN EXPOSURE**  
L. Knaepen, R. Deumens, J. Patijn, E.A.J. Joosten  
Maastricht University Medical Centre, Maastricht, The Netherlands

25  
**INVOLVEMENT OF PHOSPHORYLATED EXTRACELLULAR SIGNAL-REGULATED KINASE IN FACIAL NEUROPATHIC PAIN FOLLOWING CERVICAL NERVE INJURY IN RATS**  
A. Kobayashi¹, Y. Imamura¹, K. Iwata²  
¹Department of Oral Diagnosis, ²Department of Physiology, Nihon University School of Dentistry, Tokyo, Japan

26  
**EFFECTIVENESS OF THE NOVEL NMDA NR2B RECEPTOR ANTAGONIST, K-223, IN VARIOUS ANIMAL MODELS OF CHRONIC PAIN**  
Fuji Research Park, Kyowa Hakko Kirin Co., Ltd., Shizuoka, Japan

27  
**ROLE OF ANTIBODIES TO SUBSTANCE P IN NEUROPATHIC PAIN**  
D. Labunskiy¹, T. Fedotova²  
¹Biomedical Engineering, University of Northern California, Santa Rosa, CA, USA²Tver Medical Academy, Tver, Russia
POSTER SESSION I  
Animal Models (contd.)

Poster Board No

28  
TRPM8 SELECTIVE ANTAGONISTS ARE NOT EFFECTIVE IN NEUROPATHIC OR INFLAMMATORY PAIN IN RATS  
S. Lehto\textsuperscript{1}, S. Chen\textsuperscript{2}, J. Clarine\textsuperscript{2}, C. Davis\textsuperscript{2}, H. Deng\textsuperscript{1}, H. Monenschein\textsuperscript{3}, M. Norman\textsuperscript{3}, N. Tamayo\textsuperscript{3}, J. Wang\textsuperscript{1}, T. Wang\textsuperscript{1}, W. Wang\textsuperscript{1}, B. Youngblood\textsuperscript{1}, M. Zhang\textsuperscript{1}, D. Zhu\textsuperscript{1}, J. Treanor\textsuperscript{1}, K. Wild\textsuperscript{1}, N. Gavva\textsuperscript{1}  
\textsuperscript{1}Neuroscience, \textsuperscript{2}PKDM, \textsuperscript{3}Medicinal Chemistry, Amgen, Thousand Oaks, CA, USA

29  
EFFECTS OF ESLICARBAZEPINE ACETATE ON PAW WITHDRAWAL THRESHOLD IN A MOUSE MODEL OF CHRONIC CONSTRICTION NERVE INJURY (CCI)  
A. Loureiro\textsuperscript{1}, F.-Y. Zhao\textsuperscript{2}, L. Wright\textsuperscript{1}, D. Spanswick\textsuperscript{2}, P. Soares-da-Silva\textsuperscript{1,3}, T. Nunes\textsuperscript{1}  
\textsuperscript{1}BIAL - Portela & Co, SA, S. Mamede do Coronado, Portugal, \textsuperscript{2}University of Warwick, Coventry, UK, \textsuperscript{3}University of Porto, Porto, Portugal

30  
ENDOTHELIN ET\textsubscript{A} AND ET\textsubscript{B} RECEPTOR-OPERATED MECHANISMS IN OROFACIAL DIABETIC NEUROPATHY INDUCED BY STREPTOZOTOCIN IN RATS  
A.P. Luiz, S.D. Schroeder, E.M. Motta, J.G. Chichorro, G.A. Rae  
Pharmacology, Universidade Federal de Santa Catarina, Florianopolis, Brazil

31  
CR4056: A NOVEL POTENT ANTI-NOCICEPTIVE AGENT FOR SEVERAL ANIMAL MODELS OF NEUROPATHIC PAIN  
C. Meregalli\textsuperscript{1}, A. Chiorazzi\textsuperscript{1}, A. Canta\textsuperscript{1}, V. Carozzi\textsuperscript{1}, N. Oggioni\textsuperscript{1}, F. Ferrarri\textsuperscript{2}, M. Lanza\textsuperscript{2}, O. Letani\textsuperscript{2}, G. Caselli\textsuperscript{2}, B. Costa\textsuperscript{3}, G. Cavaletti\textsuperscript{1}, G. Tredici\textsuperscript{1}  
\textsuperscript{1}Neuroscience and Biomedical Technologies, University of Milan-Bicocca, \textsuperscript{2}Pharmacology and Toxicology, Rottapharm Madaus Research Center, Monza, \textsuperscript{3}Biotechnology and Bioscience, University of Milan-Bicocca, Milan, Italy

32  
BEHAVIOURAL ASSESSMENT OF COGNITIVE FUNCTION IN A RAT MODEL OF NEUROPATHIC PAIN  
O. Moriarty\textsuperscript{1,2,3}, M. Roche\textsuperscript{2,3,4}, M. Webber\textsuperscript{5}, B.E. McGuire\textsuperscript{2,3,6}, D.P. Finn\textsuperscript{1,2,3}  
\textsuperscript{1}Pharmacology and Therapeutics, School of Medicine, \textsuperscript{2}Centre for Pain Research, \textsuperscript{3}NCBES Neuroscience Cluster, \textsuperscript{4}Physiology, School of Medicine, \textsuperscript{5}Pathology, School of Medicine, \textsuperscript{6}School of Psychology, National University of Ireland, Galway, Ireland

33  
A NEW SELECTIVE SIGMA-1 RECEPTOR ANTAGONIST (S1RA) INHIBITS THE DEVELOPMENT AND EXPRESSION OF NEUROPATHIC PAIN INDUCED BY PACLITAXEL IN MICE  
F.R. Nieto\textsuperscript{1}, C.M. Cendan\textsuperscript{1}, J.M. Entrena\textsuperscript{1}, D. Zamanillo\textsuperscript{2}, J.M. Vela\textsuperscript{2}, J.M. Baeyens\textsuperscript{1}  
\textsuperscript{1}Department of Pharmacology, Biomedical Research Centre and Institute of Neuroscience, University of Granada, Granada, \textsuperscript{2}Laboratorios Esteve, Barcelona, Spain
THE OXIDATIVE RESPONSE IN THE SKIN INCISION INJURY MODEL OF NEUROPATHIC PAIN IN PIGS
G. Papakitsos, T. Papakitsou, A. Kapsali
1General Hospital Arta, Arta, 2General Hospital Mesologi, Mesologi, Greece

CHARACTERIZATION OF A NEW MODEL OF CHRONIC PAIN ASSOCIATED WITH MULTIPLE SCLEROSIS IN RAT
K. Thibault, B. Calvino, S. Pezet
Laboratoire de Neurobiologie, CNRS 7637, ESPCI, Paris, France

VALIDATION OF HEME-OXYGENASE INHIBITORS AS A NOVEL STRATEGY FOR TREATING PERSISTANT AND CHRONIC PAIN
M. Philbrook, K. Nakatsu, R. Dercho, J. Vlahakis, W. Szarek, C. Cahill
1Department Pharmacology and Toxicology, 2Department of Chemistry, Queen's University, Kingston, ON, Canada

THE LACK OF SIGMA-1 RECEPTOR LEADS TO REDUCED NEUROPATHIC PAIN BEHAVIOURS AND ACTIVITY-INDUCED SPINAL SENSITIZATION
1Pharmacology, ESTEVE, 2Laboratory of Neuropharmacology, Facultat de Ciències de la Salut i de la Vida, Universitat Pompeu Fabra, Barcelona, 3Pharmacology and Institute of Neuroscience, Facultad de Medicina, Universidad de Granada, Granada, 4Physiology, Faculty of Medicine, Universidad de Alcalá de Henares, Madrid, Spain

SIGNIFICANCE OF GP130 SIGNALING IN NEURONAL REGENERATION
S. Quarta, N. Scherbakov, M. Andratsch, M. Kress
Dep. of Physiology and Biomedical Physics, Medical University of Innsbruck (MUI), Innsbruck, Austria

EFFECTS OF A NATURAL CB2 RECEPTOR AGONIST IN NEUROPATHIC PAIN
I. Rácz, A.-L. Klauke, A. Markert, J. Gertsch, A. Zimmer
1Institute of Molecular Psychiatry, University of Bonn, Bonn, Germany, 2Institute of Pharmaceutical Sciences, Department of Chemistry and Applied Biosciences, Eidgenössische Technische Hochschule, Zürich, Switzerland
POSTER SESSION I
Animal Models (contd.)

Poster Board No

40  POTENTIAL MECHANISMS OF COLD HYPERALGESIA INDUCED BY INFRAORBITAL NERVE CONSTRUCTION
A. Martini, J. Chichorro, C. Fiuza, G. Rae
1Pharmacology, Universidade Federal de Santa Catarina, Florianopolis,
2Pharmacology, Universidade Federal do Paraná, Curitiba, Brazil

41  NEUROPATHIC PAIN AND WIND-UP RESPONSES AFTER GRADED SPINAL CORD INJURIES IN THE ADULT RAT
E. Redondo Castro, E. Udina, E. Verdú, X. Navarro
Cell Biology, Physiology and Immunology, Institute of Neurosciences. Universitat Autònoma de Barcelona, Cerdanyola, Spain

42  EFFECT OF THE ARMED SPIDER TOXIN TX3.3 ON NEUROPATHIC PAIN MODELS IN MICE
M. Rossato, G. Duarte Dalmolin, F.K. Rigo, M.C. Godoy, J. Ferreira, M.V. Gomez
1Universidade Federal de Santa Maria, 2Universidade Federal de Minas Gerais, Santa Maria, 3Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

43  NOVEL BEHAVIORAL MODELS FOR THE ASSESSMENT OF THE EMOTIONAL COMPONENT OF PAIN AND FOR SPONTANEOUS PAIN IN RATS
K. Rutten, E. Van der Kam, A. Robens, T. Christoph, T. Tzschentke, J. De Vry
Department of Pharmacology, Grünenthal, GmbH, Aachen, Germany

44  PERIPHERAL NERVE INJURY AND ITS EFFECT ON DYNAMIC ALLODYニア IN A MURINE MODEL OF POSTHERPETIC PAIN
A. Sasaki, K. Serizawa, T. Andoh, Y. Kuraishi
Department of Applied Pharmacology, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama, Toyama, Japan

45  P2X3 RECEPTOR MEDIATES HEAT HYPERALGESIA IN A RAT MODEL OF TRIGEMINAL NEUROPATHIC PAIN
M. Shinoda, K. Kawashima, N. Ozaki, H. Asai, K. Nagamine, Y. Sugiura, K. Iwata
1Department of Physiology, Nihon University School of Dentistry, Tokyo,
2Department of Functional Anatomy and Neuroscience, Nagoya University Graduate School of Medicine, Nagoya, 3Department of Anatomy and Neuroembryology, Kanazawa University Graduate School of Medical Science, Kanazawa, Japan
POSTER SESSION I
Animal Models (contd.)

Poster Board No

46 ANTINOCICEPTIVE EFFECT OF A-LIPOIC ACID IN STZ INDUCED NEUROPATHIC PAIN: INTERVENTIONARY STUDY
J. Singh1, A. Suruchi2, L. Harbans3
1Pharmacology, Pt.B.D. Sharma University of Health Science, 2Pharmacology, 3Biochemistry, PGIMS, Rohtak, India

47 SPINAL CORD STIMULATION REDUCES METABOLIC ACTIVITY IN THE SPINAL DORSAL HORN IN RATS WITH NERVE INJURY INDUCED PAIN
H. Smits1, T. Pederzani2, E.A.J. Joosten1, M. van Kleef1, F. Huygen4, J. Jongen2,3,4
1Pain Management and Research Center Department of Anesthesiology, Maastricht University Medical Centre, Maastricht, 2Department of Neurology, 3Department of Neuroscience, 4Pain Management Center, Department of Anesthesiology, Erasmus MC, Rotterdam, The Netherlands

48 STUDY OF THE SITE(S) OF ACTION OF ESLICARB AZEPINE ON ECTOPIC DISCHARGE IN A MOUSE MODEL OF CHRONIC CONSTRICITION NERVE INJURY
P. Soares-da-Silva1,2, F.-Y. Zhao3, A. Loureiro1, L. Wright1, D. Spanswick3, R. Costa1
1BIAL - Portela & Co, SA, S. Mamede do Coronado, 2University of Porto, Porto, Portugal, 3University of Warwick, Coventry, UK

49 NIMODIPINE AMELIORATES PAIN OF STZ - INDUCED DIABETIC NEUROPATHY
S. Sood1, A. Monika2, S. Janardhan3
1Physiology, PGIMS, Rohtak, 2Pharmacology, MAMC, Delhi, 3Pharmacology, PGIMS, Rohtak, India

50 EXCITABILITY OF UNMYELINATED AFFERENT NERVE FIBERS BY PHYSIOLOGICAL STIMULI ALONG THE SURAL NERVE
M. Struck1, A. Teliban1, F. Bartsch1, R. Baron2, W. Jäning1
1Physiologisches Institut, 2Department of Neurology, Division of Neurological Pain Research and Therapy, Christian Albrechts Universität zu Kiel, Kiel, Germany

51 PAIN BEHAVIOR AND BLOOD GLUCOSE LEVEL INCREMENT INDUCED BY INTRATHECAL IL-1B: POSSIBLE INVOLVEMENT OF GLUCOCORTICOID, CATECHOAMINE, CRH AND OPIOID SYSTEM
Y.B. Sim, S.H. Park, J.K. Lee, H.W. Suh
Pharmacology, Hallym University, Chun-Cheon, Republic of Korea

52 THERMO- AND MECHANOSENSITIVITY OF CUTANEOUS AFFERENT AXONS
A. Teliban1, F. Bartsch1, M. Struck1, R. Baron2, W. Jäning1
1Physiologisches Institut, 2Department of Neurology, Division of Neurological Pain Research and Therapy, Christian-Albrechts-Universität zu Kiel, Kiel, Germany
POSTER SESSION I
Animal Models (contd.)

Poster Board No

53
BEHAVIOURAL STUDY, DIFFERENTIAL GENE EXPRESSION ANALYSIS AND ERK ACTIVATION AT THE CORTICAL LEVEL IN OXALIPLATIN-INDUCED CHRONIC NEUROPATHIC PAIN IN RAT
K. Thibault¹, S. Pezet¹, S. Dubacq¹, M. Roualle-de-Rouville¹, I. Rivals², B. Calvino¹
¹Laboratoire de Neurobiologie, ²Equipe de Statistique Appliquée, ESPCI, Paris, France

54
DOWNREGULATION OF OXIDO-INFLAMMATORY CASCADE IN ALCOHOLIC NEUROPATHIC PAIN BY EPIGALLOCATECHIN-3-GALLATE
V. Tiwari, A. Kuhad, K. Chopra
University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh, India

55
DISCHARGE CHARACTERISTICS OF REGENERATING MUSCLE AFFERENTS IN A CHRONICALLY LESIONED NERVE MODEL
J. Tode¹, I. Kirillova¹, V. Rausch¹, R. Baron², W. Jänig¹
¹Institute of Physiology, Christian-Albrechts-Universität, ²Neurology, Universitätsklinikum Schleswig Holstein / Christian-Albrechts-Universität, Kiel, Germany

56
ANTIALODYNIC EFFECT OF PHONEUTRIA NIGRIVENTER TOXINS TX3.3 AND TX3.6 IN THE NEUROPATHY INDUCED BY PACLITAXEL
F. Rigo¹, M. Fortes Rossato², G. Duarte Dalmolin¹, M.C. Godoy², J. Ferreira², M.V. Gomez³, G. Trevisan¹
¹Universidade Federal de Minas Gerais, ²Universidade Federal de Santa Maria, Santa Maria, ³Universidade Federal de Minas Gerais, Belo Horizonte, Brazil

57
EARLY SPINAL CORD STIMULATION RESULTS IN A BETTER OUTCOME COMPARED TO LATE TREATMENT IN AN ANIMAL MODEL OF NEUROPATHIC PAIN
M. Truin, M. van Kleef, R. Jaken, S. Janssen, E.A.J. Joosten
Anaesthesiology, Pain Management and Research Center, Maastricht University Hospital, Maastricht, The Netherlands

58
DEFICIENCY OF THE NEGATIVE IMMUNE REGULATOR B7H1 ENHANCES INFLAMMATION AND NEUROPATHIC PAIN AFTER CHRONIC CONSTRUCTION INJURY OF MOUSE SCIATIC NERVE
N. Üçeyler, S. Ortler, S. Meuth, G. Stoll, H. Wiendl, C. Kleinschnitz, C. Sommer
Department of Neurology, University of Würzburg, Würzburg, Germany

59
A CHEMOTHERAPY-INDUCED RAT MODEL OF NEUROPATHIC PAIN
H. Wei, F.-Y. Zhao, D. Spanswick
Neurosolutions Ltd, Coventry, UK
THE ANALGESIC ACTION OF PULSED RADIOFREQUENCY APPLIED TO DORSAL ROOT GANGLION ON NEUROPATHIC PAIN IN RATS

Y.-R. Wen 1,2, M.-L. Lin 3,4, C.-W. Lin 4, S.-H. Huang 5
1 Anesthesiology, Shin-Kong Wu Ho-Su Memorial Hospital, 2 School of Medicine, Taipei Medical University, 3 Pain Center, Taipei City Hospital, 4 Institute of Biomedical Engineering, National Taiwan University, 5 Central Laboratory, Shin-Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan R.O.C.

THE INFLUENCE OF PERIPHERAL NERVE INJURY ON PSD MRNA EXPRESSION IN SPINAL CORD AND HIPPOCAMPUS OF RATS

L. Xu 1, L. Wei 1, Y. Jianying 2, H. Yuguang 1, Pain Management Group in PUMCH
1 Anesthesiology, Peking Union Medical College Hospital, 2 Anesthesiology, Beijing TongRen Hospital, Beijing, China

A NEW SELECTIVE SIGMA-1 RECEPTOR ANTAGONIST (S1RA) REDUCES NEUROPATHIC PAIN BEHAVIORS AND ACTIVITY-INDUCED SPINAL SENSITISATION

D. Zamanillo 1, L. Romero 1, J. Burgueño 1, X. Nadal 2, A. Dordal 1, G. Gris 1, A. Vidal 1, M. Laloya 1, C. Segalés 1, E. Portillo-Salido 1, J.M. Baeyens 3, J.A. López-García 4, R. Maldonado 2, J.M. Vela 1
1 Pharmacology, ESTEVE, 2 Laboratory of Neuropharmacology, Facultat de Ciències de la Salut i de la Vida, Universitat Pompeu Fabra, Barcelona, 3 Pharmacology and Institute of Neuroscience, Faculty of Medicine, Universidad de Granada, Granada, 4 Physiology, Faculty of Medicine, Universidad de Alcalá de Henares, Madrid, Spain

ELECTROACUPUNCTURE IS BETTER THAN COX-2 INHIBITOR CELECOXIB FOR NEUROPATHIC PAIN IN RAT

H.-Q. Zhang, W.-K. Lau, Y.-M. Lau, S.-C. Wong, T.-P. Yip
Hong Kong Baptist University, Hong Kong, Hong Kong S.A.R.
POSTER SESSION I
Diagnosis / Assessment

Poster Board No

64 NOCTURNAL BP DIP ANE NEUROPATHIC PAIN IN CADASIL
K. Abe
Neurology, Okayama University, Okayama, Japan

65 CROSS-CULTURAL PSYCHOMETRIC ASSESSMENT OF THE LEEDS ASSESSMENT OF NEUROPATHIC SYMPTOMS AND SIGNS (LANSS) PAIN SCALE IN THE PORTUGUESE POPULATION
M. Barbosa, R. Verissimo
1Anesthesiology, Hospital Sao Joao, 2Faculdade Medicina Porto, Universidade Porto, 3Faculdade Medicina Porto, Hospital Sao Joao, Porto, Portugal

66 PINPRICK-EVOKED POTENTIALS (PEPS) AS OBJECTIVE MARKER FOR MECHANICAL HYPERALGESIA
U. Baumgärtner, G. Iannetti, W. Magerl, I. Tracey, R.-D. Treede
1Chair of Neurophysiology, Center for Biomedicine and Medical Technology Mannheim (CBTM), University Medicine Mannheim, Mannheim, Germany, 2Department of Physiology, Anatomy and Genetics, Oxford University, 3Department of Clinical Neurology, John Radcliffe Hospital, Oxford, UK

67 NEURODIAGNOSTIC SKIN BIOPSY AND LASER-EVOKED POTENTIALS IN THE DIAGNOSIS OF POSTGANGLIONIC TRIGEMINAL NERVE LESIONS: A CASE REPORT
M. Buonocore, A.M. Gatti, A. Bodini, G. Amato, C. Bonezzi
1Unit of Clinical Neurophysiology, 2Unit of Pain Medicine, Fondazione Maugeri, Pavia, Italy

68 PAIN OF PREDOMINANTLY NEUROPATHIC ORIGIN (POPNO) IN THE ACUTE POSTOPERATIVE PERIOD - AN UNDER-RECOGNISED PROBLEM?
L. Green, S. Carty, L. Dickson, R. Osman, D. Watt, S. Nimmo, L. Colvin
1Dept Anaesthesia, Critical Care & Pain Medicine, Western General Hospital, 2University of Edinburgh, Edinburgh, UK

69 DYNAMIC THERMOTEST TO EVALUATE CHANGES IN THERMOALGESIC THRESHOLDS IN PATIENTS WITH NEUROPATHIC PAIN
J. Casanova-Molla, J. Verger, C.D. Castillo-Hernández, J. Valls-Solé
1EMG and Neuropathic Pain Unit. Neurology Department, Hospital Clinic of Barcelona. University of Barcelona, 2Psychiatry and Clinical Psychobiology Department, Faculty of Psychology. University of Barcelona, Barcelona, Spain

70 SUPRAORBITAL NEURALGIA: A BENIGN CONDITION
M. De Giorgis
Neurology, Clinica Ciudad del Mar, Viña del Mar, Chile
POSTER SESSION I
Diagnosis / Assessment (contd.)

Poster Board No

71 COMPARING SIGNS AND SYMPTOMS OF THE DN4 AND THE BRIEF PERIPHERAL NEUROPATHY SCREENING TOOL IN HIV NEUROPATHY IN SOUTH AFRICA
N. Dinat¹, P. Kamerman², N. Hatta³, E. Marinda³, S. Moch⁴
¹Palliative Care, Internal Medicine, ²Physiology, University of the Witwatersrand, ³School of Public Health, The University of the Witwatersrand, ⁴Dept of Pharmacology, University of the Witwatersrand, Johannesburg, South Africa

72 USE OF PAINDETECT IN PATIENTS WITH FIBROMYALGIA - A COHORT STUDY
T. Hankama¹, P. Hannonen¹, M. Haanpää²
¹Departments of Medicine, Jyväskylä Central Hospital, Jyväskylä, ²Rehabilitation Orton, Helsinki, Finland

73 CRPS-LIKE OROFACIAL PAIN FOLLOWING TRIGEMINAL NERVE TRAUMA
G. Heir, D. Thomas
Diagnostic Sciences, University of Medicine and Dentistry of New Jersey- New Jersey Dental School, Newark, NJ, USA

74 CONTRIBUTION OF NEUROPATHIC PAIN (NEP) TO CANCER PAIN SYNDROME (CP)
Pain Evaluation and Treatment Group, Instituto do Câncer do Estado de São Paulo, São Paulo, Brazil

75 QUANTITATIVE SENSORY TESTING IN PATIENTS SUFFERING FROM FIBROMYALGIA
J. Koroschetz¹, S. Rehm¹, H. Pontus², S. Jäger¹, E. Burger¹, R. Baron¹
¹Division of Neurological Pain Research and Therapy, Universitätsklinikum Schleswig-Holstein, ²Practice for Rheumatology, Kiel, Germany

76 INTRAVENOUS SODIUM PENTOBARBITAL EFFECTS ON PAIN AND SENSORY ABNORMALITIES IN PATIENTS WITH NEUROPATHIC PAIN
A.F. Louffat¹, A. Mailis Gagnon¹,²,³, K. Nicholson¹
¹Comprehensive Pain Program, Toronto Western Hospital, ²University of Toronto, Center for the Study of Pain, University of Toronto, ³Krembil Neuroscience Center, Toronto Western Hospital, Toronto, ON, Canada

77 THE PRACTICABILITY OF THE NEW INTERNATIONAL SPINAL CORD INJURY PAIN DATA SET - ISCIPDS
L.M. Macrea, B. Jost, A. Ljutov, H.U. Gerbershagen
Swiss Paraplegic Center, Nottwil, Switzerland
POSTER SESSION I
Diagnosis / Assessment (contd.)

Poster Board No

78  IS DN4 AS A SCREENING TOOL FOR NEUROPATHIC PAIN SUITABLE FOR PAINFUL DIABETIC POLYNEUROPATHY?
R. Morganti¹, V. Spallone¹, C. D’Amato¹, L. Cacciotti¹, T. Fedele¹, S. Rotella¹, C. Greco¹, G.A. Marfia²
¹Internal Medicine, ²Neurological Science, Tor Vergata University, Rome, Italy

79  SELECTIVE ACTIVATION OF AΔ NOCICEPTORS BY LOW-INTENSITY INTRA-EPIDERMAL ELECTRICAL STIMULATION
A. Mouraux¹, G. Iannetti², L. Plaghki¹
¹Université Catholique de Louvain, Brussels, Belgium, ²Department of Physiology, Anatomy and Genetics, Oxford University, Oxford, UK

80  THE NEUROPATHIC PAIN IMPACT ON QUALITY OF LIFE (NEPIQOL) SCALE: FURTHER VALIDATION
H. Poole¹, T. Nurmikko², P. Murphy³
¹Liverpool John Moores University, ²University of Liverpool, ³The Walton Centre for Neurology and Neurosurgery NHS Trust, Liverpool, UK

81  PREVALENCE OF NEUROPATHIC PAIN IN LIQUIDATORS OF CHERNOBYL ATOMIC POWER-STATION DAMAGE
I. Romanenko
Chair of Neurology, Lugansk State Medical University, Lugansk, Ukraine

82  ETIOLOGICAL FACTORS AND TREATMENT EFFICIENCIES IN NEURALGIAS: THE RESULTS FROM AN OUTPATIENT CLINIC
S. Sahin, N. Cinar, T. Okluoglu, K. Batum, S. Karsidag
Department of Neurology, Faculty of Medicine, Maltepe University, Istanbul, Turkey

83  CONTACT HEAT EVOKED POTENTIAL STIMULATION (CHEPS) TO ASSESS UPPER AND LOWER EXTREMITY AΔ FIBER CONDUCTION VELOCITIES
B. Smith, M. Ross
Department of Neurology, Mayo Clinic, Scottsdale, AZ, USA

84  EPIDEMIOLOGICAL STUDY FOR THE EVALUATION OF NEUROPATHIC PAIN MEASUREMENT INSTRUMENTS IN PAIN UNITS IN SPAIN
M.J. Rodriguez¹, M.J. Berro², P. Blanco³, I. Sanchez-Magro³, A. Stern³
¹Pain Unit, Carlos Haya Hospital, Malaga, ²Pain Unit, Cruces Hospital, Bilbao, ³Grüenthal Pharma, Madrid, Spain

85  DEVELOPMENT OF COMPREHENSIVE DIAGNOSTIC CRITERIA FOR COMPLEX REGIONAL PAIN SYNDROME IN THE JAPANESE POPULATION
M. Sumitani¹, M. Shibata², H. Uematsu², T. Mashimo², Y. Yamada¹, Japanese CRPS Research Group
¹Department of Anesthesiology and Pain Relief Center, The University of Tokyo Hospital, Tokyo, ²Department of Anesthesiology and Pain Medicine, Osaka University, Graduate School of Medicine, Osaka, Japan
POSTER SESSION I
Diagnosis / Assessment (contd.)

Poster Board No

86 CLASSIFICATION OF NEUROPATHIC PAIN: AN ONGOING CHALLENGE
B. Tampin¹,², K. Briffa¹, R. Goucke², H. Slater¹
¹School of Physiotherapy, Curtin University of Technology, ²Western Australian Pain Management Centre, Sir Charles Gairdner Hospital, Perth, WA, Australia

87 A CROSS SECTIONAL SURVEY IN 1434 PATIENTS WITH FIBROMYALGIA: DEMOGRAPHIC DATA, CO-MORBIDITIES AND SENSORY SYMPTOMS
T. Tölle¹, S. Rehm², J. Koroschetz², U. Gockel², M. Brosz³, R. Freynhagen⁴, R. Baron²
¹Neurology, Technische Universität, Munich, ²Division of Neurological Pain Research and Therapy, Universitätsklinikum Schleswig-Holstein, Kiel, ³Pfizer Pharma GmbH, Berlin, ⁴StatConsult GmbH, Magdeburg, ⁵Department of Anaesthesiology, Benedictus Krankenhaus, Tutzing, Germany

88 INDIRECT METHODS OF CLINICAL APPLICABILITY FOR MEASURING CONDUCTION TIME IN C FIBRES
J. Valls-Sole¹, J.M. Castellote², P. Schestatsky³, J. Casanova-Molla¹, EMG and Neuropathic Pain Unit.
¹Neurology, Hospital Clinic, Barcelona, ²Physical Medicine and Rehabilitation Department, Universidad Complutense de Madrid, Madrid, Spain, ³Neurology, Hospital de Clinicas, Porto Alegre, Brazil

89 IS THE HYPERPATHIA A PREVALENT CLINICAL SYMPTOM IN COMPLEX REGIONAL PAIN SYNDROME?
G. Vargas-Schaffer¹, J. Cogan², R. Ann³
¹Anaesthesiology, University of Montreal, ²Anaesthesiology, University of Montreal Heart Institut, ³Pain Research, University of Montreal, Montreal, QC, Canada

Education, Ethics, Economics, Law

90 TEACHING ABOUT NEUROPATHIC PAIN TO HEALTH PROFESSIONALS USING LOW COST EDUCATIONAL METHODS
G. Desai, S. Chaturvedi
Department of Psychiatry, National Institute of Mental Health and Neurosciences, Bangalore, India

91 COST-EFFECTIVENESS OF A LIDOCAINE PLASTER RELATIVE TO PREGABALIN IN THE TREATMENT OF POST-HERPETIC NEURALGIA IN SWEDEN
M. Nuijten¹, B. Pais², A. Bergmann³, H. Liedgens⁴
¹Institute for Medical Technology Assessment, Erasmus MC, University Medical Center Rotterdam, PA Rotterdam, ²Market Access, Gruenenthal Northern Europe, Hoofddorp, The Netherlands, ³Institute of Health Economics, Lund, Sweden, ⁴Global Health Economics, Gruenenthal GmbH, Aachen, Germany
POSTER SESSION I
Education, Ethics, Economics, Law (contd.)

Poster Board No
92  THE COST-EFFECTIVENESS OF SPINAL CORD STIMULATION FOR COMPLEX REGIONAL PAIN SYNDROME
M.A. Kemler1, J.H. Raphael2, R.S. Taylor3, A. Bentley4
1Department of Plastic Surgery, Martini Hospital, Groningen, The Netherlands,
2Faculty of Health, Birmingham City University, Birmingham, 3Peninsula Medical School, Universities of Exeter and Plymouth, Exeter, 4Abacus International, Bicester, UK

Epidemiology
93  HEALTH-RELATED QUALITY OF LIFE AND BURDEN OF CHRONIC PAIN WITH NEUROPATHIC CHARACTERISTICS IN THE FRENCH GENERAL POPULATION
D. Bouhassira1, N. Attal1, M. Lanteri-Minet2, B. Laurent3
1INSERM U-987, Boulogne-Billancourt, 2Hopital Pasteur, Nice, 3Hopital Bellevue, Saint-Etienne, France

94  SYMPTOMS OF NEUROPATHIC PAIN, HOW EARLY AFTER CARDIAC SURGERY DO PATIENTS REPORT THEM? PRELIMINARY RESULTS
J. Cogan1, G. Vargas2, Z. Yegin3, M.-F. Ouimette1, A. Deschamps1, A. Rochon1, J.-S. Lebon1, P. Couture1, C. Ayoub1, A. Denault1
1Anesthesia, Institut de Cardiologie de Montréal, Université de Montréal, Montréal, 2Anesthesia, Pain Center of Hôtel-Dieu du CHUM, Université de Montréal, Montréal, 3Nursing, Intitut de Cardiologie de Montréal, Université de Montréal, Montréal, QC, Canada

95  CHARACTERISTIC ANALYSIS OF PRIMARY HEADACHE: THE WEST CHINA HEADACHE OUTPATIENT STUDY (WCHOS)
L. He, X. Yang, N. Chen
Neurology Department, West China Hospital of Sichuan University, Chengdu, China

96  THE NORMAL CARE AND PATIENT BURDEN OF FACIAL PAIN
J. Koopman1, F. Huygen2, J. Dieleman1, M. Sturkenboom1,3
1Medical Informatics, Erasmus University Rotterdam, 2Pain Treatment, Erasmus MC, University Medical Center Rotterdam, 3Epidemiology, Erasmus University Rotterdam, Rotterdam, The Netherlands

97  PREVALENCE OF NEUROPATHIC PAIN: A SYSTEMATIC REVIEW OF POPULATION-BASED STUDIES
S.F. Lakha1,2, A. Furlan1,3, J. Nelli1, A. Mailis Gagnon1,4,5
1Comprehensive Pain Program, Toronto Western Hospital, 2Institute of Medical Sciences, University of Toronto, 3Centre for the Study of Pain, 4Krembil Neuroscience Center, Toronto Western Hospital, Toronto, ON, Canada
POSTER SESSION I
Epidemiology (contd.)

Poster Board No

98  **OCCUPATIONAL STUDY ON PATIENTS UNDERWENT SURGICAL DECOMPRESSION OF CARPAL TUNNEL SYNDROME IN KASHAN (IRAN)**
M. Motalebi\(^1\), M. Hannani\(^2\), E. Fakharian\(^3\)
\(^1\)Occupational Health, \(^2\)Kashan University of Medical Sciences, \(^3\)Surgery, Kashan University of Medical Sciences, Kashan, Iran

99  **STUDY Z - EPIDEMIOLOGY OF NEUROPATHIC PAIN IN PATIENTS WITH HERPES ZOSTER AND POST HERPETIC NEURALGIA IN SÃO PAULO, BRAZIL**
J. Neto\(^1\), A.M. Zaragoza Gagliardi\(^2\), E. Ribeiro de Almeida\(^3\), B. Abreu Crippa\(^4\), F. Paes Rosa\(^5\), M.C. Kairalla\(^6\), M.V. Freeland Thompson\(^7\)
\(^1\)Director, \(^2\)Clinical Department, \(^3\)Sub-investigator of Study, \(^4\)Clinical, \(^5\)Regulatory, \(^6\)Coordinator, NUPEQ, \(^7\)Project Manager, Merck Sharp & Dohme, São Paulo, Brazil

100 **EPIDEMIOLOGY OF CHRONIC NEUROPATHIC PAIN IN THE GENERAL POPULATION: A SYSTEMATIC SEARCH AND STRUCTURED REVIEW OF THE LITERATURE**
N. Torrance, B.H. Smith
Centre of Academic Primary Care, University of Aberdeen, Aberdeen, UK

Genetics

101 **GENETIC POLYMORPHISMS IN TRP CHANNELS ARE ASSOCIATED WITH THE SOMATOSENSORY FUNCTION IN NEUROPATHIC PAIN PATIENTS**
A. Binder\(^1\), D. May\(^2\), R. Baron\(^1\), C. Maier\(^3\), T. Tölle\(^4\), R.-D. Treede\(^5\), A. Berthele\(^4\), F. Faltraco\(^2\), H. Flor\(^5\), J. Gierthmühlen\(^1\), S. Haenisch\(^2\), C. Maihöfner\(^7\), A. Scherens\(^1\), M. Ufer\(^2\), G. Wasner\(^1\), J. Zhou\(^2\), I. Cascorbi\(^2\)
\(^1\)Department of Neurology, Division Neurological Pain Research and Therapy, \(^2\)Institute of Experimental and Clinical Pharmacology, Universitätsklinikum Schleswig-Holstein, Campus Kiel, Kiel, \(^3\)Department of Pain Management, BG Kliniken Bergmannsheil, Ruhr Universität Bochum, Bochum, \(^4\)Department of Neurology, Technische Universität München, München, \(^5\)Center for Biomedicine and Medical Technology Mannheim, Ruprecht-Karls-Universität, Mannheim, \(^6\)Institute of Clinical and Cognitive Neuroscience, Central Institute for Mental Health, Ruprecht-Karls-Universität, Heidelberg, \(^7\)Department of Neurology, Universität Erlangen, Erlangen, Germany

102 **STUDY OF NEUROPATHIC PAIN PREVALENCE IN CHILDREN AND ADOLESCENTS WITH NEUROFIBROMATOSIS-1**
T. Geller\(^1\), S. Maufe\(^5\), J. Chibnall\(^1\), D. Chrusciel\(^1\), O. Aldahondo\(^1\), A. Nayak\(^1\), J. Fila-Taylor\(^1\), N. Karis\(^2\)
\(^1\)Neurology and Psychiatry, \(^2\)School of Medicine, St Louis University, St Louis, MO, USA
POSTER SESSION I
Genetics (contd.)

Poster Board No

103  FELINE OROFACIAL PAIN SYNDROME - A NATURALLY OCCURRING MODEL OF FAMILIAL TRIGEMINAL NEURALGIA?
C. Rusbridge¹, S. Heath², D. Gunn-Moore³, S.P. Knowler¹, N. Johnson⁴, A. McFadyen⁵
¹Stone Lion Veterinary Centre, London, ²Behavioural Referrals Veterinary Practice, Chester, ³Division of Veterinary Clinical Sciences, Royal (Dick) School of Veterinary Studies, University of Edinburgh Hospital for Small Animals, Roslin, ⁴DentalVets, North Berwick, ⁵School of Engineering & Computing, Glasgow Caledonian University, Glasgow, UK

Pain Services, Health Care System

104  HOW TO RECOGNIZE, ASSESS AND TREAT NEUROPATHIC PAIN IN OUT-PATIENT ELDERLY
L. Jovanovic
Pain Unit, Department for Mental Health, Institute for Gerontology Belgrade, Belgrade, Serbia

Peripheral Neuropathic Pain

105  TO THE QUESTION OF CLINICAL POLYMORPHISM OF NEUROLOGIC PAIN SYNDROMES OF THE LUMBAR OSTEOCHONDROSIS
U.T. Abdukadirov¹, F.N. Samadov²
¹Andijan State Medical Institute, Andijan, ²Tashkent Pediatric Medical Institute, Tashkent, Uzbekistan

106  SCREENING FOR FABRY DISEASE
K. Arning¹, D. Naleschinski¹, P. Kropp², A. Binder¹, R. Maag¹, R. Baron¹
¹Klinik für Neurologie, Universitätsklinikum Schleswig-Holstein, Kiel, ²Institut für Medizinische Psychologie, Universität Rostock, Rostock, Germany

107  THERMAL TESTING PREDICTS PAIN IN GUILLAIN-BARRE SYNDROME
V. Martinez¹, D. Fletcher¹, T. Sharshar², D. Bouhassira³, N. Attal⁴
¹Anesthesiologie, Hôpital Raymond Poincaré, ²Hôpital Raymond Poincaré, ³Réanimation, Hôpital Raymond Poincaré, Garches, ⁴INSERM 792, Boulogne, France

108  A CROSS-SECTIONAL SURVEY IN 2100 PATIENTS WITH PAINFUL DIABETIC NEUROPATHY AND POSTHERPETIC NEURALGIA: DIFFERENCES IN DEMOGRAPHIC DATA AND SENSORY SYMPTOMS
R. Freynhagen¹, T. Tölle², U. Gockel³, M. Brosz⁴, R. Baron⁵
¹Benedictus Krankenhaus, Tutzing, ²Technische Universität, Munich, ³Pfizer Pharma GmbH, Berlin, ⁴StatConsult GmbH, Magdeburg, ⁵Division of Neurological Pain Research and Therapy, Universitätsklinikum Schleswig-Holstein, Kiel, Germany
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

109

PREVALENCCE OF LOW BACK PAIN AMONG PHYSICAL THERAPISTS
S. Bashardoust Tajali\textsuperscript{1,2}, S. Javadi\textsuperscript{3}, K. Tavakol\textsuperscript{4}, A. Astasidis\textsuperscript{5}, P.G. Ivanovich\textsuperscript{6}, A. Azari\textsuperscript{2}
\textsuperscript{1}Department of Physical Therapy, The University of Western Ontario, London, ON, Canada, \textsuperscript{2}Physical Therapy Research Group, Academic Center for Education, Culture and Research, Iran Medical Sciences Branch, \textsuperscript{3}Department of Physical Therapy, Iran University of Medical Sciences, Tehran, Iran, \textsuperscript{4}Department of Physical Therapy, Howard University, Washington D.C., WA, USA, \textsuperscript{5}Braxis Physio-Rehab Center Ltd., Limassol, Cyprus, \textsuperscript{6}Orthopedic Clinic, AG. Foteinhs 18, N. Smyrnh, Athens, Greece

110

PROXIMAL APPLICATION OF PENS FOR TREATING NEUROPATHIC THIGH AND KNEE PAIN FOLLOWING RADICAL TRACHELECTOMY AND LAPROSCOPIC PELVIC LYMPH NODE DISSECTION
H. Chatha, A. Bhaskar
Anesthesia & Critical Care, Christie Hospital NHS Foundation Trust, Manchester, UK

111

EFFICACY OF PALMITOYLETHANOLAMIDE IN PATIENTS WITH PAINFUL NEUROPATHY. A CLINICAL AND NEUROPHYSIOLOGICAL OPEN STUDY. PRELIMINARY RESULTS
A. Biasiotto, S. La Cesa, C. Leone, G. Di Stefano, A. Truini, G. Cruccu
Neurological Science Policlinico Umberto Primo, La Sapienza Università di Roma, Roma, Italy

112

PERIPHERAL DIABETIC NEUROPATHY IN TYPE 2 DIABETES MELLITUS
D. Bicu\textsuperscript{1}, M. Tapu\textsuperscript{1}, F. Tapu\textsuperscript{2}
\textsuperscript{1}Neurology, Neuropsychiatry Hospital, \textsuperscript{2}Internal Medicine, Emergency Hospital, Craiova, Romania

113

ULTRASOUND-GUIDED FOR PERIPHERAL NERVE STIMULATION: THIRTY CASES
B. Bouche\textsuperscript{1}, V. Dixneuf\textsuperscript{1}, J. Lemarie\textsuperscript{2}, M. Meignier\textsuperscript{1}
\textsuperscript{1}Unité d’Evaluation et de Traitement de la Douleur Chronique, Clinique Brétêché, Nantes, \textsuperscript{2}Centre de Douleur Chronique Rebelle et d’Hypnose Médicale, Clinique Saint Leonard, Trelaze, France

114

IMPORTANCE OF LOCALIZED NEUROPATHIC PAIN WITHIN THE TREATMENT OF NEUROPATHIC PAIN CONDITIONS
K. Busse\textsuperscript{1}, S. Meyer\textsuperscript{2}
\textsuperscript{1}Grunenthal GmbH, \textsuperscript{2}GfK, Aachen, Germany

115

LANGERHANS CELLS CONTRIBUTION TO NEUROPATHIC PAIN IN PERIPHERAL NEUROPATHIES
J. Casanova-Molla\textsuperscript{1}, M. Morales\textsuperscript{1}, J.M. Grau Junyent\textsuperscript{2}, J. Valls-Solé\textsuperscript{1}
\textsuperscript{1}EMG and Neuropathic Pain Unit. Neurology Department, \textsuperscript{2}Department of Internal Medicine, Hospital Clinic of Barcelona. University of Barcelona, Barcelona, Spain
FLUPIRTINE AS AN ADJUNCT TO OPIOID ANALGESIA IN HIV NEUROPATHY PAIN
C. Cherry¹,², B. Brew³, C. Downs¹, C. Gregorio-King⁴, I. Cooke⁴, G. Rennie⁵, C. Goodchild⁶
¹Burnet Institute for Medical Research and Public Health, Alfred Hospital, Melbourne, ²Department of Medicine, Monash University, Clayton, VIC, ³Department of Neurology, St Vincent's Hospital, Sydney, NSW, ⁴CNSBio Pty. Ltd., ⁵OR Systems Pty. Ltd., ⁶Monash Institute of Medical Research, Monash University, Melbourne, VIC, Australia

5% LIDOCAINE MEDICATED PLASTER IN PAINFUL SCARS OF EXTREMITIES OF BURNT AND DEGLOVED PATIENTS
G. Correa¹, R. Roa², W. Calderon², J.L. Pineros², J. Dote¹, D. Medina¹
¹Rehabilitation, ²Plastic and Reconstructive Surgery, Hospital del Trabajador Santiago, Santiago, Chile

PENILE PAIN IN CHILDREN: NEW THERAPY FOR PUDENDAL CANAL SYNDROME
J. Currie
Anaesthesia, Royal Hospital for Sick Children, Glasgow, UK

SPINAL CORD STIMULATION DOES NOT WORK IN SMALL-FIBRE NEUROPATHY OF THE LOWER LIMBS
C. Bonezzi, M. Buonocore, A. Gatti, L. Demartini, A.M. Aloisi
Pain Medicine Unit, IRCCS Fondazione Maugeri, Pavia, Italy

CLINICAL SYMPTOMS IN RELATION TO SENSORY NERVE CONDUCTION IN DIABETIC NEUROPATHY PATIENTS
G. Djordjevic, M. Jolic, S. Djuric
Clinic of Neurology, University of Nis, Medical Faculty, Nis, Serbia

SENSORY PAIN QUALITIES IN NEUROPATHIC PAIN: UTILITY IN PREDICTING TREATMENT EFFECT OF PREGABALIN
S. Mackey¹, L. Dumenci², B. Emir³, K. Murphy⁴, E. Whalen⁵
¹Division of Pain Management, Stanford University School of Medicine, Stanford, CA, ²Department of Social and Behavioral Health, Virginia Commonwealth University, Richmond, VA, ³Statistics, Primary Care Business Unit, Pfizer Inc., ⁴Global Medical, Pfizer, Inc, ⁵Biometrics Department, Pfizer Inc., New York, NY, USA

PERIPHERAL NERVE STIMULATION IN PATIENTS WITH CHRONIC NEUROPATHIC PAIN AFTER SURGERY
T.P. Enggaard, C. Scherer, C. Andersen
Department of Anaesthesiology and Intensive Care Medicine, Odense University Hospital, Odense, Denmark
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

123 PLACEBO RESPONSE CHARACTERISTICS IN EIGHT PREGABALIN DIABETIC PERIPHERAL NEUROPATHY TRIALS
R. Freeman¹, B. Emir², E. Whalen³, Y. Xu², T.K. Murphy²
¹Beth Israel Deaconess Medical Center, Boston, MA, ²Pfizer Inc., New York, NY, USA

124 TREATMENT INDUCED DIABETIC NEUROPATHY- AN ACUTE, REVERSIBLE, PAINFUL SMALL FIBER AND AUTONOMIC NEUROPATHY
C. Gibbons, R. Freeman
Department of Neurology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

125 NEW TECHNIQUES TREATING ELDERLY PATIENTS WITH RADICULAR PAIN & NEUROPATHIC SYMPTOMS USING INTERSPINOUS PROCESS IMPLANTS (MLIF) FOR SEVERE LUMBAR Spondylosis
S. Eidelson, H. Geisse, J. Fleming, D. Eidelson
South Palm Orthospine Institute, Delray Beach, FL, USA

126 GENDER DIFFERENCES IN CRPS TYPE I
J. Gierthmüller¹, C. Maier², R. Baron¹, T. Tölle³, R.-D. Treede⁴, V. Huge⁵, M. Lauchart⁵, C. Maihöfner⁶, E. Krumova², H. Richter², DFNS
¹Division of Neurological Pain Research and Therapy, University Hospital Kiel, Kiel, ²Department of Pain Management, Ruhr-University, Bochum, ³Department of Neurology, TU Munich, Munich, ⁴Department of Neuropysiology, Center of Biomedicine and Medical Technology Mannheim, Mannheim, ⁵Department of Anaesthesiology, Ludwig-Maximilians-Universität, Munich, ⁶Department of Neurology, University of Erlangen, Erlangen, Germany

127 MANAGEMENT OF CHRONIC NEUROPATHIC PAIN WITH THE ASSOCIATION OF ORAL METHADONE PLUS KETAMINE: A REPORT OF 18 CASES
M. Godoy¹, F.K. Rigo², G. Duarte Dalmolin³, M. Fortes Rossato⁴, J. Ferreira³
¹Centro de Ciências da Aúde, Hospital Universitário de Santa Maria, ²Universidade Federal de Santa Catarina Minas Gerais, ³Universidade Federal de Minas Gerais, ⁴Universidade Federal de Santa Maria, Santa Maria, Brazil

128 THE APPLICATION OF MICRO-CURRENT ELECTROTHERAPY (MET) THERAPY IN THE TREATMENT OF CHRONIC PAINFUL PERIPHERAL NEUROPATHIES: RESULTS OF A PILOT STUDY
G. Hans¹,², H. Van Kerckhoven¹, K. Van Maldeghem¹
¹Antwerp University Hospital, Edegem, ²Antwerp University (UA), Wilrijk, Belgium
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

129  MUSCULAR COMPRESSION OF FACIAL AND CERVICAL NERVES PRODUCING HEADACHES
T. Elbaz, S. Serebnitsky, R. Hertz
Anesthesia, St. Luke’s/ Roosevelt Hospital Center, a Hospital of Columbia University College of Physicians and Surgeons, New York, NY, USA

130  RANDOMISED DOUBLE-BLIND CLINICAL TRIAL COMPARING EFFICACY AND SAFETY OF DULOXETINE VS. AMITRIPTYLINE IN PAINFUL DIABETIC NEUROPATHY
D. Hota¹, H. Kaur¹, D. Bansal¹, A. Chakrabarti¹, P. Dutta², A. Bhansali²
¹Pharmacology, ²Endocrinology, PGIMER, Chandigarh, India

131  AUDIT ON PHARMACOLOGICAL TREATMENT OF PAINFUL DIABETIC NEUROPATHIES IN PRIMARY CARE IN NEWPORT, GWENT, UK
T. Ivanova-Stoilova, A. Ghei, S. Kadambande
Pain Management Clinic, Anaesthetics Department, Aneurin Bevan Health Board, Newport, UK

132  THE POLYNEUROPATHY ONSET IN PATIENTS WITH PRIMARY PULMONARY TUBERCULOSIS
A. Ivashynka, S. Likhachev
Nurology, National Neurology and Neurosurgery Research Center, Minsk, Belarus

133  WIDESPREAD LARGE FIBRE DEGENERATION IN TYPE I CRPS: A CASE REPORT
D. Kapur¹, P.B. Cornish¹, J. Manavis², M. Ghabriel³, P.C. Blumbergs²
¹Pain Management Unit, Flinders Medical Centre, ²Hanson Institute Centre for Neurological Diseases, ³School of Medical Sciences, University of Adelaide, Adelaide, SA, Australia

134  SHORT- AND LONG-TERM RESULTS OF HIGH-TONE EXTERNAL MUSCLE STIMULATION IN SYMPTOMATIC DIABETIC AND UREMIC PERIPHERAL POLYNEUROPATHY IN END-STAGE RENAL DISEASE
A. Klassen¹, B. Di Iorio², P. Guastaferro², U. Bahner³, A. Heidland⁴, N. De Santo⁵
¹University of Würzburg, Würzburg, Germany, ²UO di Nefrologia, ASL AV/2, Ospedale A. Landolfi, Solofra, Italy, ³KfH-Kidney Centre Würzburg, ⁴Dept. of Internal Medicine, University of Würzburg, Würzburg, Germany, ⁵Dept. of Paediatrics, University of Naples, Naples, Italy

135  HEREDITARY NEUROPATHY WITH A TENDENCY TO PARALYSIS FROM COMPRESSION TO DEBUT IN THE INTRANATAL PERIOD
L. Kuanova
Medical University Astana, Astana, Kazakhstan
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

136 DISTINCT MECHANISMS FOR ONGOING AND PROVOKED PAIN IN DISTAL SYMMETRIC PERIPHERAL NEUROPATHY. A CLINICAL AND NEUROPHYSIOLOGICAL STUDY
S. La Cesa¹, A. Biasiotta¹, G. Di Stefano¹, C. Leone¹, F. Pichiorri¹, M. Inghilleri¹, C. Cartoni², M.T. Petrucci², A. Truini¹, G. Cruccu³
¹Neurological Science Policlinico Umberto Primo, ²Haematology, Department of Cellular Biotechnologies and Haematology, ³Neurological Science Policlinico Umberto Primo, La Sapienza Università di Roma, Roma, Italy

137 TAPENTADOL PROLONGED RELEASE (PR) FOR PAINFUL DIABETIC PERIPHERAL NEUROPATHY (DPN): EFFICACY AND SAFETY BY PRIOR OPIOID EXPERIENCE AND DOSE CATEGORY
D.Y. Shapiro¹, M. Etropolski¹, B. Lange², A. Steup², A. Okamoto¹, C. Rauschkolb³
¹Johnson & Johnson Pharmaceutical Research & Development, L.L.C., Raritan, NJ, USA, ²Global Development, Grünenthal GmbH, Aachen, Germany

138 TAPENTADOL PROLONGED RELEASE (PR) FOR THE MANAGEMENT OF PAINFUL DIABETIC PERIPHERAL NEUROPATHY: BRIEF PAIN INVENTORY ASSESSMENTS
S. Schwartz¹, R. Lange², D.Y. Shapiro³, M. Etropolski³, A. Okamoto³, A. Steup⁴, C. Rauschkolb³, J. Haeussler³
¹Diabetes & Glandular Disease Clinic, San Antonio, TX, USA, ²Global Development, Grünenthal GmbH, Aachen, Germany, ³Johnson & Johnson Pharmaceutical Research & Development, L.L.C., Raritan, NJ, USA, ⁴Research and Development, Grünenthal GmbH, Aachen, Germany

139 EFFECT OF PERIOPERATIVE PERINEURAL INJECTION OF DEXAMETHASONE AND BUPIVACAINE ON A RAT SPARED NERVE INJURY MODEL
J.B. Lee¹, W.J. Choi¹, J.D. Lee², J.W. Shin¹
¹Department of Anesthesiology and Pain Medicine, Asan Medical Center/University of Ulsan, ²Department of Anesthesiology and Pain Medicine, Seoul Veterans Hospital, Seoul, Republic of Korea

140 INCREASED NGF LEVELS AND REDUCED TRKA INTRA-EPIDERMAL INNERVATION IN RAT DIABETIC SKIN
L. Evans¹, S. Whawall², D. Andrew¹, F.M. Boissonade¹, P.P. Robinson¹, A.R. Loescher¹
¹Oral and Maxillo-Facial Surgery and Medicine, ²Oral Pathology, University of Sheffield, Sheffield, UK
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

141 THE CASE OF NEUROPATHIC PAIN AND CHRONIC RECURRENT HEAMARTHROSIS
H. Avagyan¹, G. Melikyan²
¹Traumatology and Sport Medicine, 'St Nerses Mets' MC, ²Neurology& Epilepsy, MC 'Erebouni' University Clinic, Yerevan, Armenia

142 TWO CASES SHOWED UNEXPECTED SUCCESS USING A 5% LIDOCAINE PATCH (VERSATIS) TO REDUCE NON-ZOSTER INDUCED NEUROPATHIC PAIN
C. Merten, H.M. Schuckall, M.R. Kurz
Anesthesiology, University of Salzburg, Salzburg, Austria

143 BEHAVIOR OF GPS WHEN DEALING WITH PATIENTS SUFFERING FROM LOCALIZED NEUROPATHIC PAIN
S. Meyer¹, K. Busse²
¹GfK, Nuremberg, ²Grunenthal GmbH, Aachen, Germany

144 SJOGREN'S SYNDROME: NEUROPATHIC CHRONIC PAIN IN THE DISEASE EVOLUTION
N. Mimassi¹, F. Marchand¹, I. Franco²
¹Pain Clinic, Centre Hospitalier Universitaire de Brest, Brest, ²Pain Clinic, Centre Hospitalier de Bron, Bron, France

145 TREATMENT OF PHANTOM LIMB PAIN BY CRYOANALGESIA IN THE AMPUTATED NERVE VESSEL TRUNK
A. Moesker
Pain Research Institute, Stadskanaal, The Netherlands

146 INTRAVENOUS PLAIN LIGNOCAINE FOR PATIENTS WITH AIDS-RELATED POST-HEPERTIC NEURALGIA (PHN)
M. Mukelabai, PHN Patient Aged 42 to 78
Critical Care, Anaesthesia,Critical Care,HIV/AIDS and Pain Mgt.Centre, Mufulira, Zambia

147 THE EFFECT OF PREGABALIN ON POSTHERNIORRAPHY INGUINAL NEURALGIA
A. Orts¹, R. Salvachua², G. Ruiz¹
¹Anesthesia, Intensive Care and Pain Treatment, ²Hospital Infanta Leonor, Madrid, Spain

148 MOTOR CORTEX STIMULATION FOR A PATIENT WITH RESISTANT NEUROPATHIC FACIAL PAIN
M. Osman, A. Beshai
Anesthesia, Wayne /State /University, Detroit, MI, USA
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)

Poster Board No

149 COGNITIVE IMPACT OF POST-HERPETIC NEUROPATHIC PAIN IN OLDER PERSONS
G. Pickering, R. Salimani, C. Dubray
1Clinical Pharmacology and Faculty of Medicine, 2University Hospital, Clermont-Ferrand, France

150 TREATMENTS OF PAINTFUL NEUROPATHY IN GериATRIC PATIENTS WITH DIABETES MELLITUS
1Department of Geriatric, 2Department of Neurology, Clinical Hospital Centre ‘Zvezdara’, Medical Faculty University of Belgrade, Belgrade, Serbia

151 UREMIC POLYNEUROPATHY- DIAGNOSIS AND THERAPY OF PAIN
J. Potic, T. Smiljikovic, B. Potic, A. Potic
1Department of Neurology, 2Department of Gerontology, Clinical Hospital Centre ‘Zvezdara’, Medical Faculty University of Belgrade, 3University Clinic for Paediatric Neurology and Psychiatry, Medical Faculty University of Belgrade, Belgrade, Serbia

152 PREVALENCE AND CHARACTERISTIC OF NEUROPATHIC PAIN AMONG PATIENTS WITH DIABETIC POLYNEUROPATHY (DPN)
M. Rakusa, M. Cokolic, M. Rakusa
1Department of Neurology, 2Department of Endocrinology and Diabetes, University Medical Centre Maribor, Maribor, Slovenia

153 TREATMENT OF REFRACTORY OCCIPITAL NEURALGIAS
S. Raoul
Neurosurgery Department, CHU Nantes, Nantes, France

154 EPIDURAL NEUROSTIMULATION FOR SUCCESSIVE MANAGEMENT OF FAILED NECK AND FAILED BACK SYNDROME IN THE SAME PATIENT
A. Rovlias, E. Rokas, N. Paidakakos, S. Theodoropoulos, M. Papadopoulos, G. Makrygiannakis, E. Konstandinidis
Neurosurgical Department, Asclepeion Hospital of Voula, Athens, Greece

155 COMPLEX REGIONAL PAIN SYNDROME IN A PEDIATRIC PATIENT WITH MAYTHURNER SYNDROME
L. Santana, C. Seetal
1Anesthesiology, 2Childrens Hospital Boston, Harvard Medical School, Boston, MA, USA

156 COMPARISON OF THE ANALGESIC EFFECT OF PREGABALIN AND GABAPENTIN IN PATIENTS WITH NEUROPATHIC BACK PAIN
D. Sarridu, N. Skarpa, G. Chalmouki, M. Arnaoutakis, S. Kostaki
1Anaesthesiology, 2General Hospital Asklepeion Voulas, Athens, Greece
POSTER SESSION I
Peripheral Neuropathic Pain (contd.)
Poster Board No

157

LINKING CHANGES IN PAIN SEVERITY TO CHANGES IN OTHER OUTCOMES IN PATIENTS WITH POSTTRAUMATIC PERIPHERAL NEUROPATHIC PAIN TREATED WITH PREGABALIN
M. Serpell¹, R. Van Seventer², F. Bach³, B.J. Morlion⁴, G. Zlateva⁵, A.G. Bushmakin⁶, J.C. Cappelleri⁶, M. Nimour⁷
¹Pain Clinic, Gartnavel General Hospital, Glasgow, UK, ²Pain Clinic, Amphia Hospital, Breda, Netherlands Antilles, ³Danish Pain Research Center, Aarhus University Hospital, Aarhus, Denmark, ⁴University Hospitals Leuven, Leuven, Belgium, ⁵Pfizer Inc., New York, NY, ⁶Pfizer Inc., New London, CT, USA, ⁷Pfizer Ltd., Surrey, UK

158

PREGABALIN IN POST-TRAUMATIC PERIPHERAL NEUROPATHIC PAIN: EFFICIENT ASSESSMENT OF EFFICACY IN A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED CROSSOVER STUDY
T. Jenkins¹, T. Smart¹, F. Hackman¹, C. Cooke¹, K. Tan¹, R. Cheung²
¹Pfizer Global Research and Development, Sandwich, UK, ²Pfizer, Inc, New York City, NY, USA

159

PREVALENCE AND RISK FACTORS FOR PERIPHERAL NEUROPATHIC PAIN IN PATIENTS WITH NEWLY DIAGNOSED TYPE 2 DIABETES
N. Tentolouris, C. Voulgari, E. Diakoumopoulou, S. Liatis, K. Kyriakopoulos, N. Katsilambros
1st Department of Propaedeutic Medicine, Laiko General Hospital, Athens University Medical School, Athens, Greece

160

VALIDATION OF S-LANSS SCORE FOR IDENTIFICATION OF NEUROPATHIC PAIN IN PATIENTS FROM NOTHERN TURKEY
H. Turker, Y. Turkel, A.O. Bayrak, I. Demir, M. Onar
Neurology, Ondokuz Mayis University, Faculty of Medicine, Samsun, Turkey

161

PREVALENCE AND RISK FACTORS OF PERIPHERAL NEUROPATHIC PAIN IN PREDIABETES
C. Voulgari, K. Makrilakis, A. Kokkinos, N. Tentolouris
1st Department of Propaedeutic Medicine, Laiko General Hospital, Athens University Medical School, Athens, Greece

162

THE SENSORY SYMPTOMS OF DISTAL DIABETIC POLYNEUROPATHY
Z. Vukojevic
Department of Neurology, Clinical Center Banja Luka, Banja Luka, Bosnia-Herzegovina

163

PAIN ASSOCIATED WITH HIV-ASSOCIATED SENSORY NEUROPATHY IN A BLACK SOUTH AFRICAN COHORT
A. Wadley¹, C. Cherry²,³, P. Price⁵, P. Kamerman¹
¹Brain Function Research Group, University of the Witwatersrand, Johannesburg, South Africa, ²Burnet Institute, ³Alfred Hospital, ⁴Monash University, Melbourne, VIC, ⁵Department of Pathology and Laboratory Medicine, University of Western Australia, Perth, WA, Australia
POSTER SESSION I
Possible Neuropathic Pains

Poster Board No

164  NEUROPATHIC PAIN MAY BE A SIGNIFICANT COMPONENT IN DIFFUSE OSTEOARTHRITIS
J.H. Raphael, Jr.1,2, J.L. Southall2, R.V. Duarte1,2
1Faculty of Health, Birmingham City University, Birmingham, 2Department of Pain Management, Russells Hall Hospital, Dudley, UK

165  EXPERIENCE OF MYORELAXANT APPLICATION IN PATIENTS WITH LOW BACK PAIN
I. Fedotova
Kharkov State Medical University, Kharkov, Ukraine

166  HISTOLOGY REVEALS NEUROPATHY LIKELY SOURCE OF ABDOMINAL PAIN IN GASTROPAESIS
C. Lahr1, L. Halley2, K. Adams3, D. Spree4, C. Subramony5, T. Abell1
1Surgery, University of Mississippi, 2University of Mississippi Medical Center, 3School of Medicine, 4Medicine, 5Pathology, University of Mississippi Medical Center, Jackson, MS, USA

167  PELVIC STUDY OF THE TREATMENT OF VULVAR VESTIBULITIS SYNDROME WITH INJECTION OF LOCAL ANESTHETIC AGENTS
J. McDonald1, A. Rapkin2
1Anesthesiology, Harbor-UCLA Medical Center, Torrance, 2Ob/Gyn, UCLA Medical Center, Los Angeles, CA, USA

168  EFFECTIVENESS OF ACUPUNCTURE IN TREATMENT OF CHRONIC LOW BACK PAIN
G. Papakitsos1, A. Kapsali1, T. Papakitsou2
1General Hospital Arta, Arta, 2General Hospital Mesologi, Mesologi, Greece

169  NEUROPATHIC PAIN AMONG ELDERLY WITH CHRONIC PAIN - A POPULATION BASED COHORT STUDY
S. Rapo-Pylkko
Primary Health Care, Helsinki University, Kirkkonummi, Finland

170  SOMATOSENSORY AND DIFFUSE NOXIOUS INHIBITORY CONTROL FUNCTIONS IN POST-STROKE SHOULDER PAIN
M. Roosink1, G. Renzenbrink2, J. Buitenweg1, R. Van Dongen3, A. Geurts4, M. Ijzerman5
1Biomedical Signals and Systems, University of Twente, 2Roessingh Rehabilitation Center, Enschede, 3Anesthesiology, 4Rehabilitation, Radboud University Medical Center, Nijmegen, 5Health Technology and Services Research, University of Twente, Enschede, The Netherlands
POSTER SESSION I
Possible Neuropathic Pains (contd.)

Poster Board No

171 LOCAL SENSORY IMPAIRMENTS IN ACUTE WAD STAGES MAY BE ASSOCIATED WITH PERSISTENCE OF WAD SYMPTOMS (PRELIMINARY RESULTS)
G. Samusyte¹, J. Janusauskaite¹, E. Presegolaviciute¹, K. Petrikonis¹, I. Ljungar²
¹Department of Neurology, Kaunas University of Medicine, Kaunas, Lithuania,
²Karolinska Institute, Stockholm, Sweden

172 PERSISTENT OROFACIAL PAIN (OFP) CONDITION IN PATIENTS WITH AN UNDERLYING ODONTOGENIC MAXILLARY SINUSITIS (OMS)
M. Sevastjanova¹, S. Rozenberga², M. Malina³, N. Zlobina⁴
¹Riga Stradins University, Riga 1st Hospital, P. Stradins Clinical University Hospital,
³State Blood Center, Riga, Latvia

173 CHARACTERISTICS OF TENSION-TYPE HEADACHES IN EMPLOYED POPULATION
S. Simic¹, D. Simic², M. Pjevic³, D. Milutinovic⁴
¹Neurology Department, University of Novi Sad, School of Medicine, ²Department of Logistics, University of Novi Sad, Faculty of Technical Sciences, ³Anaesthesiology Department, ⁴Nurses Department, University of Novi Sad, School of Medicine, Novi Sad, Serbia

174 ABNORMAL EXPRESSION OF VOLTAGE-GATED SODIUM CHANNELS NAV1.7, NAV1.3 AND NAV1.8 IN TRIGEMINAL NEURALGIA
S. Siqueira¹², B. Alves¹, H.M. Garay Malpartida¹, M. Teixeira², J. Siqueira³
¹School of Arts, Science and Humanities, University of Sao Paulo, ²Neurology Department and Orofacial Pain Team, Medical School, University of Sao Paulo, ³Orofacial Pain Team, Hospital das Clinicas, Medical School, University of Sao Paulo, Sao Paulo, Brazil

175 PAIN RESPONSE PROFILE OF PATIENTS WITH CHRONIC LOWER BACK PAIN TREATED WITH DULOXETINE
H.J. Dueñas Tentori¹, R.C. Risser², D.N. D'Souza², K.J. Alaka², T.M. Myers Oakes², V. Skljarevski³
¹Eli Lilly and Company, Barranca, Mexico, ²Lilly Research Laboratories, Eli Lilly and Company, Indianapolis, IN, USA