



PRESS KIT

Pain in Europe VII 7th Congress of the European Federation of IASP® Chapters (EFIC®)

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Research projects create confidence for positive changes and solutions in the area of pain

Hamburg, September 22nd 2011. As pain concerns the everyday lives of millions of people worldwide, understanding its mechanisms is crucial to improve patients' conditions and treatments. In line with this thought, five former winners of the EFIC-Grünenthal Grant (E-G-G) presented insights into the development and progress of their projects at the show case symposium "New Findings in Clinical Pain Research" during the 7th EFIC[®] Congress in Hamburg, Germany.

The E-G-G supports young scientists in carrying out innovative and exploratory clinical pain research projects. The EFIC[®] and Grünenthal, who are both sponsors, regard the sustainability of the winning projects as one of the priorities. Therefore the symposium at the EFIC[®] Congress is an essential element to show the importance of disseminating and honoring the research results of these young scientists. Additionally, the symposium serves as a platform for the young researchers to express their thoughts and visions.

This year the presented and discussed research projects are:

- "The association of COMT polymorphisms with chronic low back pain in combat related PTSD" clarified by Dr Marijana Braš, Croatia, winner of the E-G-G 2008
- "Effects of social observation in placebo analgesia", by Dr Luana Colloca, Italy, winner of the E-G-G 2009
- "Nociceptive steady-state evoked potentials" by Prof André Mouraux, Belgium, winner of the E-G-G 2008
- "Small fibers – big difference in neuropathic pain", presented by Prof Gunnar Wasner, Germany, winner of the E-G-G 2009

Prof Christian Maihöfner, from the University of Erlangen-Nuremberg and winner of an E-G-G in 2006, gave insights in experimental neurology by holding the guest speech "When learning hurts: cortical plasticity and neuropathic pain". These topics show how innovative and ambitious the awarded projects were.

"Through these pain research projects of our young scientists, we can add valuable insights and support the progress on our way to help millions of people suffering from pain" said Prof Hans Kress, the President of the European Federation of IASP[®] Chapters (EFIC[®]). "The results presented at our symposium are remarkable". In addition, the E-G-G has great significance for the young scientists who are supported by Grünenthal and the EFIC[®]: "Understanding underlying pain mechanisms is the key to develop new treatment strategies in neuropathic pain. Winning the E-G-G gave me the great opportunity to successfully put an idea about underlying pain mechanisms into practice. The positive results of my study are the basis for further research to close the gap towards more effective neuropathic pain therapy", said Prof Gunnar Wasner, MD from Kiel, Germany and one of the winners of the E-G-G.



Since 2010 the EFIC-Grünenthal Grant is awarded bi-annually and totals up to € 200,000. It aims at identifying treatment gaps and potential solutions for new medications in pain treatment. “Through the E-G-G, young scientists who conduct research in the important area of pain, are encouraged to and supported to put their ideas into real research projects while at the same time, they can contribute at an early stage in their career to help patients suffering from pain”, added Prof Martin Koltzenburg, Chair of the EFIC® Committee on Research.

Interested young scientists can apply for the E-G-G 2012 from January 2012. More information: www.e-g-g.info

About EFIC®

The European Federation of IASP® chapters (EFIC®) is a multidisciplinary professional organisation in the field of pain science and medicine, made up of the 35 European Chapters of National Pain Societies of IASP® (International Association for the Study of Pain). Established in 1993, EFIC®'s 35 constituent chapters represent Pain Societies from 35 countries and close to 20,000 scientists, physicians, nurses, physiotherapists, psychologists and other healthcare professionals across Europe, who study pain and treat patients suffering from pain. For more information, please visit www.efic.org.

About Grünenthal

The Grünenthal Group is an independent, family-owned international research-based pharmaceutical company with headquarters in Aachen, Germany. Building on its unique position in pain, its objective is to become the most patient-centric company and to be a leader in therapy innovation. Altogether, the Grünenthal Group has affiliates in 36 countries worldwide. Grünenthal products are sold in more than 100 countries and approx. 4,900 employees work for the Grünenthal Group globally. In 2010, Grünenthal reached revenues of about 910 million €. More information: www.grunenthal.com.

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Current press materials are available on request.

Biography of symposium speakers

Dr Marijana Braš, MD, PhD, winner of the E-G-G 2008



Marijana Braš was born in Osijek in Croatia in 1971. She graduated at the School of Medicine in University of Zagreb in 1995 as the best student of the academic year. During study she received several different scholarships and participated in different scientific projects. Currently she is employed as psychiatrist at the Department for Psychological Medicine at University Hospital Center Zagreb and as member of faculty at the School of Medicine University of Zagreb. She is deputy head of the Center for Palliative Medicine, Medical Ethics and Communication Skills at the School of Medicine University of Zagreb. She finished postgraduate study of biomedicine at the Faculty of Natural Sciences in Zagreb and obtained MSc degree on 2005 as well as PhD degree on 2007. She finished postgraduate study on psychotherapy at the School of Medicine University of Zagreb in 2009 and obtain master degree (psychotherapy) with the master thesis: „Posttraumatic stress disorder and chronic pain“. In 2007 she finished clinical subspecialty of psychotherapy. Her primary area of interests are chronic pain, psychooncology and palliative medicine.

She is member of the board of the Croatian Pain Society and president of the Croatian Society for Palliative Medicine. She is chairman of the Task Force on Pain Management of the World Federation of the Societies of Biological Psychiatry as well as member of the Mentor-Mentee Programme of the Collegium Internationale of the Neuropsychopharmacotherapy (CINP) under the mentorship of Prof. Lukasz Konopka from Chicago. She was NGO representative at the Department of Public Information of the United Nations (1993-1995). She is member of several national and international organizations (EFIC, IASP, American Pain Society etc.), with active participations at many national and international meetings as well as editor of several books and author of many scientific papers and chapters in teaching books (also editor of teaching book about neuropathic pain). Married, mother of two daughters.

Dr Luana Colloca, MD, PhD, winner of the E-G-G 2009



Dr Colloca obtained an M.D. degree from the Medical School of the University of Catanzaro in Italy. In 2002, she entered the Neuroscience Postgraduate Program at the University of Turin Medical School, Italy, under the mentorship of Professor Fabrizio Benedetti. Her principal interests are in the field of pain and the placebo effect. Since her first publications as PhD student she advanced innovative models and strategies of investigation of the placebo analgesia. Specifically, Dr Colloca examines the placebo and nocebo effect integrating the neurobiological perspective with psychosocial, ethical and clinical aspects. This multi-disciplinary approach has been internationally recognized and Luana has already received several important prizes and grants, such as the Ronald Dubner International Research Prize 2008, the Award of the Psycho-NeuroImmunology Research Society (PNIRS) for Young Neuroscientist 2006, and the Award of the American Psychosomatic Society (APS) for Young Neuroscientists, 2006, to mention some of them.

Prof André Mouraux, MD, PhD, winner of the E-G-G 2008



Professor André Mouraux was born in a little village close to Bruges, Belgium. Because his father was a diplomat he spent his childhood in Nigeria, The United States of America, Denmark, the former Yugoslavia and Canada. After Prof Mouraux gained his MD at the University of Louvain he specialised in neurology. His mentor Prof Léon Plaghki supported him in the field of neuroscience. Meanwhile Prof Mouraux is the author of many publications. In 1999 he was awarded a prize to young researchers and in 2006 with the BNS Research Fellowship for Young Investigators by the Belgian Neurological Society. Since 2009, he now has a permanent academic position at the University of Louvain, within the Institute of Neuroscience. In addition to starting his own research group (currently, consisting of 4 PhD students and 2 post doctorates), Mouraux teaches neurophysiology, neuroscience and algology at the faculty of Medicine, as well as the faculty of Psychology.

After his PhD, he did a post doctorate at the University of Oxford, to gain expertise in functional neuroimaging, under the supervision of Prof Irene Tracey. The research performed using the E-G-G award (in particular, the novel signal processing techniques that his group developed for that purpose) has also been used recently to study very different questions: the perception of musical rhythms in the brain (see Nozaradan et al., J Neurosci, in press).

Prof Gunnar Wasner, MD, winner of the E-G-G 2009



Prof Gunnar Wasner was born in Kiel in Germany on the Baltic Sea. Apart from his passion for the seaside he detected early in life his interest in biology and his talent in writing. He loves to write poems and essays. You can imagine that he was very happy when he found out that writing is an essential part in science in order to communicate results. He performed his thesis in the Department of Physiology in Kiel with Professor Jänig who introduced him to the field of pain research. At the end of his medical studies Gunnar realized that caring for patients is very satisfying. So he decided to combine clinical work and research by entering the field of neurology. He was glad to find excellent mentors in the persons of Professor Ralf Baron and Professor Günther Deuschl. But he did not forget his passion for the seaside and went to Sydney, Australia in 2005 where he worked as a Humboldt Foundation fellow at the Prince of Wales Medical Research

Institute. In 2007 he returned to Kiel where he continued his clinical and research career and focussed on the understanding of neuropathic pain.

Prof Christian Maihöfner, MD, PhD, winner of the E-G-G 2006 and guest-speaker at the symposium



Christian Maihöfner was born in Nuremberg in 1973. He is a neurologist and works at the Department of Neurology at the University of Erlangen where he leads the pain outpatient clinic and a research group on neuropathic pain. He completed his medical doctor thesis at the University of Erlangen in 2000 which focussed on the spinal expression and regulation of cyclooxygenase isoforms in pain models. He received his postdoctoral lecturer qualification (Habilitation) in experimental Neurology at the University of Erlangen-Nuremberg in 2004. In 2011 he was appointed as a professor for neurology and pain research by the medical faculty of Erlangen. His group is working on mechanisms and new treatment approaches for neuropathic pain using psychophysics and functional imaging techniques, such as functional magnetic resonance imaging (fMRI) and magnetoencephalography (MEG). He received several awards for

his research including the EFIC-Grünenthal Grant, the German Pain Prize and the Sertürner-Prize.

Key Slide, Dr Marijana Braš

On pain, genetics and psychiatric disorders

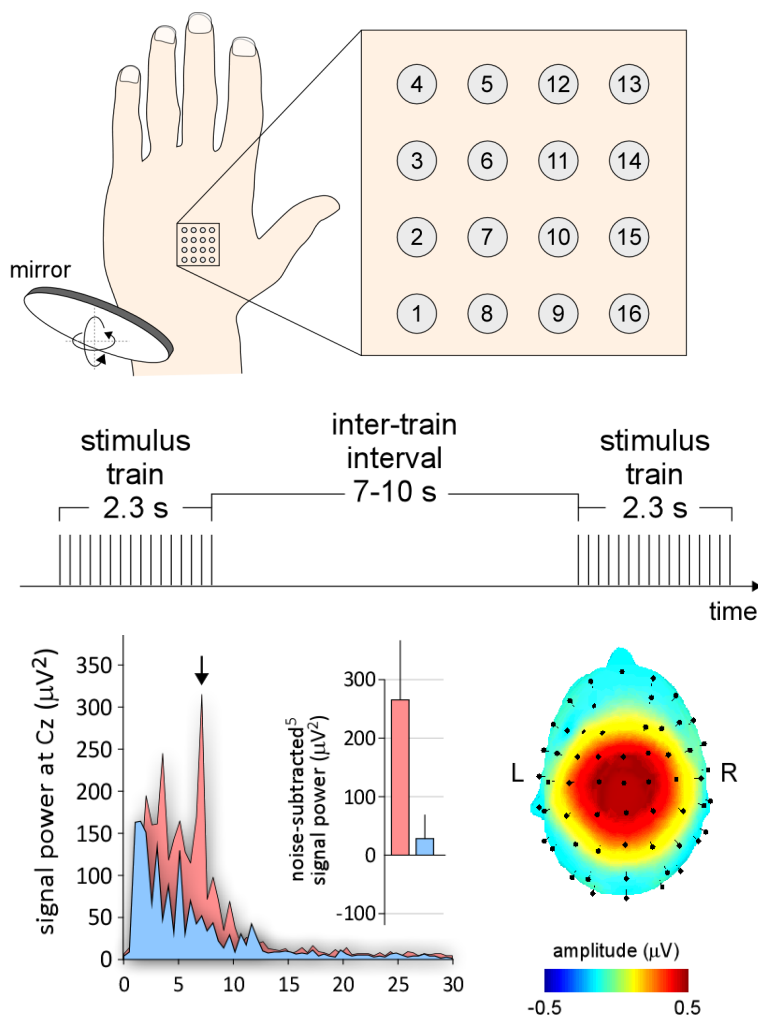
- the research of chronic pain syndromes as the main somatic comorbidity of psychiatric disorders has been underdeveloped
- up to now simple association genetic studies have yielded no or conflictive results with poor replication
- genome wide association and epigenetic studies of chronic pain disorders in psychiatry and general are needed in order to discover:
 - 1) novel pathogenic events
 - 2) targets for possible new pharmacotherapeutical agents
 - 3) subpopulations among established chronic pain disorders
- perhaps, then we could talk about personalized medicine approach in chronic pain management

Key Slide, Dr Luana Colloca



- **Recent research has demonstrated that social learning is involved in the formation of placebo analgesia. Indeed patients can form placebo responses by observing others who are experiencing a benefit**
- **Such a vicarious experience elicits placebo analgesic effects comparable in magnitude to those induced by first-hand experience of benefit**
- **Psychological traits (e.g. empathy traits) and composition of social context (e.g. sex) modulate the formation of observation-induced placebo analgesic responses**
- **These findings are theoretically and clinically relevant – opening new research avenues in the field of placebo and pain.**

Key Slide, Prof André Mouraux



Nociceptive steady-state evoked potentials
 Here, we propose a novel experimental approach to identify and characterize steady-state evoked potentials (SS-EPs) elicited by the rapid and periodic stimulation of cutaneous nociceptors in humans.

We show that this approach can be used to tag a cortical network that is distinct from the cortical network involved in the perception of touch, and thus possibly specific for nociception.

Taken together, our approach opens a new window to explore, non-invasively, the cortical processing related to pain perception in humans.

Mouraux et al., (J Neurosci, 2011)

Key Slide, Prof Gunnar Wasner



- **Lesion of nociceptive pathways is essential for development of neuropathic pain, but taken by itself not sufficient**
- **Preservation of capsaicin-sensitive vasoactive fibers significantly contributes to neuropathic pain**
- **Interaction between degenerated and preserved afferents may play a key role in development of neuropathic pain**

Key Slide, Prof Christian Maihöfner



- **Increased nociceptive input to the brain induces neuroplastic changes within the nociceptive system which underlie the transition to and maintenance of chronic pain.**
- **Chronic nociceptive input to the brain results in cortical reorganization and maladaptive neuroplasticity within somatosensory and motor systems.**
- **Chronic pain is associated with temporal and spatial changes in large-scale neuronal network connectivity.**
- **Chronic pain leads to macroscopic structural brain changes.**

EFIC-Grünenthal Grant

Promoting innovative pain research

The EFIC-Grünenthal Grant is provided by the European Federation of IASP® Chapters (EFIC®) in cooperation with pain expert Grünenthal GmbH and offers young scientists support in funding projects in innovative and exploratory clinical pain research. From 2004 to 2009 Grünenthal donated a total of € 100,000 for the annual grant to be divided between 4 to 5 applicants. Since 2010, the EFIC-Grünenthal Grant is announced bi-annually at the total amount of € 200,000 and research grants are valued at up to € 30,000 per project.

A better understanding of pain forms the basis for an improved management of pain. But obtaining funds for such research projects is not easy. This is especially true for young scientists and is the reason why the EFIC® decided together with Grünenthal to actively sponsor research that is in process planned instead of honoring research projects already conducted. The EFIC-Grünenthal Grant therefore really promotes and facilitates new ways in pain research.

From 2004 to 2009, 32 young scientists from 11 European countries received up to € 25,000, in 2010 the 8 winners received for the first time up to € 30,000 per project. Subjects of the supported research projects range from genetic aspects to neuro-imaging of pain mechanisms to psychopathological and behavioral aspects associated with pain.

Decisions made by EFIC® Committee on Research

The decisions on the recipients of the grant are entirely made by the EFIC® Committee on Research, which consists of internationally renowned specialists in the field of pain science and medicine. The decision is based on the following quality criteria:

1. Strength of the applicant – Including training, research publication record (relevance, quality of journals) and recommendations.
2. Novelty of the research question – Including societal and scientific importance. This may include plans to obtain data in support of a future application to a major granting institution. Hypothesis testing is preferred over empirical data collection. Exploratory research on particularly interesting ideas is encouraged, even if there is a risk of failure.
3. Quality of the research plan – The plan should lead to a clear answer to the question(s) posed, within the time and budget available. Projects that are overly ambitious have to be avoided.

Interested young scientists located in any country with an EFIC® chapter (see www.efic.org) can submit their application to the EFIC-Grünenthal Grant online at www.e-g-g.info.

EFIC® Committee on Research

- Prof Martin Koltzenburg, FRCP (Chairman)
London, United Kingdom
- Prof Michele Curatolo, MD, PhD
Bern, Switzerland
- Prof Hans Georg Kress, MD, PhD
Vienna, Austria
- Prof Luis Villanueva, DDS, PhD
Paris, France
- Prof Oliver H.G. Wilder-Smith, MBChB MD, PhD
Nijmegen, The Netherlands
- Prof Hanns U. Zeilhofer, MD
Zurich, Switzerland

EFIC-Grünenthal Grant award ceremony and applications 2010

Some of the EFIC-Grünenthal Grant winners 2008 and 2009 presented the results of their research projects at the EFIC®-Symposium “New Findings in Clinical Pain Research” in Hamburg on September 22nd, 2011. From now on, the winners of the recent E-G-G will be presented during the Opening Ceremony of the current EFIC® Congress and the results of the former winning projects will be presented on the occasion of a Show Case Symposium during the EFIC® Congress.

EFIC® and Grünenthal will continue to cooperate in order to support innovative pain research in the future. Applications for the EFIC-Grünenthal Grant 2012 can be submitted from January 2012.

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More information: www.grunenthal.com.

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Current press materials are available in the press section at www.grunenthal.com.



We are pleased to announce the
EFIC-GRÜNENTHAL GRANT
winners **2010**

(Research grants for clinical and human experimental pain research of € 20,000.00 - 30,000 each).



Abraham VALKENBURG, MSc
(Erasmus University Rotterdam, The Netherlands)

Pain sensitivity of children with Down's syndrome: Is it really different?

Children with Down's syndrome need frequent surgery for congenital anomalies. Adults with Down's syndrome show altered pain sensitivity compared to controls. Several genes involved in pain perception are known; six of these genes are located on chromosome

21 (ADAMT5, GRIK1, S100B, RUNX1, KCNE1, KCNJ6). Pain sensation in children with Down's syndrome could be attenuated or intensified by polymorphisms in these genes. The aim of the project is to explore the relative contribution of these genes to the differences in pain sensitivity of children with Down's syndrome.



Dr Nurcan ÜÇEYLER, MD
(University of Würzburg, Germany)

Investigation of the cerebral neuronal activity in pain-related brain areas of patients with fibromyalgia syndrome and interleukin-4 deficiency using near-infrared spectroscopy.

Fibromyalgia syndrome (FMS) is characterized by chronic widespread pain, tenderness at defined points, and typical associated symptoms. There is evidence for a pathophysiological role of the central pain processing and the immune system. We are investigating the extent and the degree of cerebral activity upon painful stimulation using near-infrared spectroscopy and correlate the findings with systemic interleukin-4 (IL-4) expression as a potential biomarker for FMS. An augmented activation in pain-related cerebral areas is expected correlating with low IL-4 levels.



Contact: Mrs Gaby Erkens • admin@e-g.info



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EFIC-GRÜNENTHAL GRANT
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(Research grants for clinical and human experimental pain research of € 20,000.00 - 30,000 each).



EGG

EFIC-GRÜNENTHAL GRANT

We are pleased to announce the EFIC-GRÜNENTHAL GRANT winners 2010

(Research grants for clinical and human experimental pain research of € 20,000.00 - 30,000 each).



Dr Barbara NAMER,
MD
(University of
Erlangen-Nuremberg,
Germany)

The contribution of axonal sensitization to pain and hyperalgesia. NGF- induced changes of signal transformation in human C-fibers.

Nerve growth factor (NGF) is involved in sensitization processes of peripheral C-nociceptors resulting in Hyperalgesia. A role for NGF in neuropathic pain has been proposed, too. In this project long-term effects of intradermal NGF injections on axonal and sensory properties of C-fibers will be assessed by single C-fiber recordings (micro-neurography) directly in humans. We intend to investigate whether NGF affects both transduction and transformation mechanisms in human nociceptors; whether the two relevant human nociceptor classes are differently affected by NGF and whether NGF effects spread to the untreated branches of the axon.



Dr Dagny HOLLE,
MD
(University Hospital
Essen, Germany)

Modulation of central cerebral pain processing by transcranial direct current stimulation (tDCS) using ultra-high field functional magnetic resonance imaging (fMRI) at 7Tesla.

Transcranial direct current stimulation (tDCS) is a non-invasive method for selective modulation of cortical excitability. There is raising evidence that it has potential therapeutic applications in the field of pain disorders. The aim of this study is to investigate the central after-effects of tDCS on extracranial induced pain stimulation using functional 7 Tesla MRI. Polarity-dependent modulation of central pain processing will be assessed.



Dr Madusha PEIRIS,
PhD
(Queen Mary
University, London,
United Kingdom)

Examining the functional role of Kv7 sub-types in gastrointestinal pain using a novel human pre-clinical model.

At present, a major limitation in the development of effective therapies for the treatment of abdominal pain is the lack of translation between pre-clinical (animal/cell-based studies) and clinical studies. We propose the Kv7 family of channels, which are involved in somatic pain signaling, have a role in mediating pain within the gastrointestinal tract (GI). The aims of this study are to a) conduct an exploratory functional study examining the role of these channels in the gut using a novel pre-clinical model of visceral pain and b) examine receptor expression within the colon.

EGG

EFIC-GRÜNENTHAL GRANT



Dr Andreas SIEGENTHALER, MD
(University Hospital
Berne,
Switzerland)

Linking altered central pain processing and genetic polymorphism to drug efficacy in chronic low back pain.

The aim of the project is to test the hypothesis that there is a correlation between disturbances in specific pain mechanisms as assessed by quantitative sensory tests (QST) and analgesic efficacy after single-dose drug administration in patients with chronic low back pain. Genetic factors affecting drug metabolism and pain sensitivity will be analyzed as additional explanatory variables for drug efficacy. There are planned three randomized placebo-controlled sub studies on the antidepressant imipramine, the opioid oxycodone and the anticonvulsant clobazam, conducted in a total of 150 consecutive chronic low back pain patients, who will randomly be assigned to one of the three sub studies.



Dr Ozren POLAŠEK,
MD, PhD
(University of Split,
Croatia)

Genome-wide association study of pressure pain threshold – a step forward to uncovering genes underlying pain sensation.

This project will contribute to our understanding of the genetic basis of pain by performing genome-wide association study of the pressure pain threshold. Previously genotyped healthy subjects from three population cohorts in Croatia will be re-invited to participate. Expected final sample size for this project is 2,300 subjects. Repeated measurements regression and mixed models analysis will be used in order to adjust for the main confounding variables and familial structure, aiming to further uncover genetic basis of pain sensation.



Stefano TAMBURIN,
MD, PhD
(University of
Verona, Italy)

Pain Sensory Profiles in Diabetic Peripheral Neuropathic Pain.

Diabetes mellitus (DM) is a high profile public health concern because of its complications. Neuropathic pain (NP) is a frequent DM complication, but its pathophysiology is still unclear. Pain sensory profile (SP) (i.e.: the subjective and objective sensory changes associated with pain) may help understanding the pathogenesis of NP and select patients for therapeutic trials. By combining psychophysical, neurophysiological and functional neuroimaging measures, the contribution of peripheral, spinal and brain mechanisms to SPs will be explored in DM patients with NP. Follow-up will indicate whether SP may be predictor and/or marker of peripheral nerve damage in DM.

EFIC-Grünenthal Grant: Winners and projects 2004-2010

EFIC-Grünenthal Grant 2010

Dr Barbara Namer, MD, Germany

The contribution of axonal sensitization to pain and hyperalgesia. NGF-induced changes of signal transformation in human C-fibers

Dr Dagny Holle, MD, Germany

Modulation of central cerebral pain processing by transcranial direct current stimulation (tDCS) using ultra-high field functional magnetic resonance imaging (fMRI) at 7Tesla

Dr Madusha Peiris, PhD, United Kingdom

Examining the functional role of Kv7 sub-types in gastrointestinal pain using a novel human pre-clinical model

Dr Ozren Polašek, MD, PhD, Croatia

Genome-wide association study of pressure pain threshold – a step forward to uncovering genes underlying pain sensation

Dr Andreas Siegenthaler, MD, Switzerland

Linking altered central pain processing and genetic polymorphism to drug efficacy in chronic low back pain

Stefano Tamburin, MD, PhD, Italy

Pain Sensory Profiles in Diabetic Peripheral Neuropathic Pain

Dr Nurcan Üçeyler, MD, Germany

Investigation of the cerebral neuronal activity in pain-related brain areas of patients with fibromyalgia syndrome and interleukin-4 deficiency using near-infrared spectroscopy

Abraham Valkenburg, MSc, The Netherlands

Pain sensitivity of children with Down's syndrome: Is it really different?

EFIC-Grünenthal Grant 2009

Luana Colloca, MD, PhD, Italy

Effects of social observation in placebo analgesia

Dr Elspeth Hutton, FRACP, MBBS, BMedSci, United Kingdom

Cutaneous neuroimmune interactions in the genesis of chronic neuropathic pain

Dr Rebecca Slater, PhD, United Kingdom
Measuring pain in the human infant brain

Tine Vervoort, PhD, Belgium
Pain demands the attention of others: parental detection, interpretation and response to their child's pain

Dr Gunnar Wasner, PD, MD, Germany
Role of nociceptive afferents in neuropathic pain

EFIC-Grünenthal Grant 2008

Dr Marijana Braš, MD, PhD, Croatia
The association of COMT polymorphisms with chronic low back pain in combat related PTSD

Emanuel van den Broeke, MSc, The Netherlands
The response of the brain to non-painful somatosensory stimuli before and after the induction of nociceptive long-term potentiation: An EEG study in healthy subjects.

Kate Limer, PhD, United Kingdom
Investigated the role of the pain modulating DREAM pathway genes in chronic musculoskeletal pain

Prof André Mouraux, MD, PhD, Belgium
Steady-state evoked potentials to explore the cortical processes underlying the perception of pain

Gorazd Svetcic, MD, Switzerland
Determining optimal drug regimen in individual patients with chronic pain

EFIC-Grünenthal Grant 2007

Thomas Graven-Nielsen, PhD, MDSc, Denmark
Referred pain related to 'Memory' in the nociceptive system Valéry Legrain, PhD, Belgium
Behavioural and neurophysiological explorations of cognitive modulations of Pain

Christian Netzer, MD, Germany
Comprehensive genetic analysis of the calcitonin gene-related-peptide pathway in migraine with aura

Markus Ploner, MD, Germany
Gamma oscillations and human pain perception

D. S. Veldhuijzen, PhD, The Netherlands
Functional imaging of sympathetic arousal in fibromyalgia

EFIC-Grünenthal Grant 2006

Ulrike Bingel, MD, Germany
Imaging how pain interferes with information processing in other modalities

Liesbet Goubert, PhD, Belgium
Facing their child's pain: the importance of parental empathy

Christian Maihöfner, MD, PhD, Germany
Functional imaging of C-fibre-induced plasticity within the human brain

Carla Nau, MD, Germany
Erythralgia as a model disease to assess contribution of Nav1.7 to small nerve fibre function and pain

Phillip Krause, MD, Germany
Interhemispheric inhibition in patients with complex regional pain syndrome type I

EFIC-Grünenthal Grant 2005

Prof Jens Ellrich, MD, PhD, Germany
Long-term depression of human pain processing

Dr Anthony R. Hobson, PhD, United Kingdom
Can somatic allodynia be used as a biomarker of central sensitisation in a human model of visceral injury?

Helge Kasch, MD, PhD, Denmark
Psychological intervention in chronic whiplash syndrome. A placebo controlled randomized study

Irene Tracey, MA, PhD, United Kingdom
High resolution FMRI of anti- and pro- nociceptive processing in the human brainstem of patients with IBS and FM

Dr Christina Liossi, CPsychol, United Kingdom
Fellowship winner

EFIC-Grünenthal Grant 2004

Jeffrey Roelofs, PhD, The Netherlands
The role of self-discrepancies in patients with chronic pain

Esther Pogatzki-Zahn, MD, Germany

Modulation of pain perception in uninjured and injured tissue in human volunteers

Ron Kupers, PhD, Denmark

MRI study on the affective modulation of pain processing in the human brain

Prof Audun Stubhaug, MD, PhD, Norway

*Genetic and environmental influences on pain sensitivity and regulation.
Psychological and pharmacological mechanisms*

Stefaan Van Damme, PhD, Belgium

Attention to pain in the crossmodal construction of space

Maud Gaëlle Frot, PhD, France

Neurophysiology of pain perception in the human brain

Predrag Petrovic, MD, PhD, Sweden

Interaction between the endogenous opioid system in the brain and cognitive modulation of pain

For further information on projects and winners of the EFIC-Grünenthal Grant please visit: <http://www.e-g-g.info>.

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EUROPEAN FEDERATION OF IASP[®] CHAPTERS (EFIC[®])

The European Federation of IASP[®] Chapters (EFIC[®]) is a multidisciplinary professional organisation in the field of pain science and medicine, made up of over 35 European Chapters of IASP[®]. Established in 1993, by Professor Ulf Lindblom, EFIC's constituent chapters represent close to 20,000 scientists, physicians, nurses, physiotherapists, psychologists and other healthcare professionals across Europe, who study pain and treat patients in pain.



The European Federation of IASP[®] Chapters (EFIC[®]) was formed by the presidents of the European Chapters at a joint meeting held at the time of the World Congress on Pain, in Paris in August, 1993. Initially just few European IASP[®] Chapters converged to form the federation; however, following the meeting there emerged a great enthusiasm for the federation, and practically all the European IASP[®] Chapters requested to be included. The first Executive Board was represented by Ulf Lindblom (President, Sweden), Andrew Diamond (Vice-President, UK) and Giustino Varrassi (Secretary, Italy).

Professor Ulf Lindblom

EFIC[®] OBJECTIVES

- To advance the understanding and knowledge of pain mechanisms, pain characteristics, diagnosis of pain conditions, the way pain affects the individual and the management of pain by promoting research, education and clinical management of pain
- To promote communication and co-operation among the European IASP[®] Chapters in order to achieve the objectives listed above
- To promote the aims and objectives of IASP, which are to foster and encourage research into pain mechanisms and pain syndromes and to support improvement in the management of patients suffering from acute and chronic pain. The latter is to be achieved by bringing together basic scientists, physicians and other health professionals of various disciplines and backgrounds, all of whom have an interest in pain research and management.
- There are various ways in which EFIC[®] achieves these aims and objectives.

These include:

- Organising pain congresses; Pain in Europe
- Organising additional scientific meetings
- Publishing the *European Journal of Pain* since January 2007 (10 issues/year)



- Owning a website: www.efic.org
- Establishing new bodies in relation to EFIC[®] activities for the further promotion of EFIC[®]
- Educational initiatives: Pain Schools, Fellowship, Eastern European Educational Grants, etc.
- Endorsements of Pain projects
- Inner Circle Memberships

BIENNIAL EFIC[®] CONGRESSES – PAST & PRESENT

09.-12.10.2013 Pain in Europe VIII: Florence
21.-24.09.2011 Pain in Europe VII: Hamburg
09.-12.09.2009 Pain in Europe VI: Lisbon
13.-16.09.2006 Pain in Europe V: Istanbul
02.-06.09.2003 Pain in Europe IV: Prague
27.-30.09.2000 Pain in Europe III: Nice
24.-27.09.1997 Pain in Europe II: Barcelona
18.-21.05.1995 Pain in Europe I: Verona

EFIC[®] KEY INITIATIVES & MEETINGS – PAST, PRESENT AND FUTURE

10.-14.10.2011 European Week Against Pain “Chronic Back Pain”
11.-16.10.2010 European Week Against Pain “Societal Impact of Pain”
19.-25.10.2009 European Week Against Pain “Chronic Pain and Depression”
20.-26.10.2008 European Week Against Fibromyalgia
15.-21.10.2007 European Week Against Pain in Women
11.10.2004 First Global Day Against Pain organised by EFIC[®] and IASP
08.-13.10.2001 First European Week Against Pain



2011 SIP – EFIC[®] 2nd Symposium “Societal Impact of Pain” at European Parliament

2010 SIP – EFIC[®] 1st Symposium “Societal Impact of Pain”

YEARLY EFIC[®] COUNCIL MEETINGS

EFIC[®] EXECUTIVE BOARD MEMBERS

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Symposium „Societal Impact of Pain in Europe“ Friday, 23 September, 18:00 -19:30, Hall 6

Programme

Objective:

The symposium “Societal Impact of Pain in Europe” aims at supporting the discussion regarding the future pain care lobby at EU level and demonstrates initial results on the strategic implementation of international and national collaborative approaches. All EFIC councilors, board members representing national pain care organisations and persons willing to contribute to advance the position of pain care in society at a strategic and political level in the health care system will be invited.

Chair:

Hans G. Kress, President EFIC®

Moderation:

Gina Plunkett, Representative of the Pain Alliance Europe, Chair Chronic Pain Ireland

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|--------------|---|
| 18:00 | Opening by Chair and Moderator |
| 18:05 | “Societal Impact of Pain 2011; objectives and results”
Kris Vissers, University Medical Centre Nijmegen, The Netherlands |
| 18:20 | “SIP Proceedings 2011”
Eli Alon, Chair EFIC EU Liaison Committee, Switzerland |
| 18:30 | “The Societal Impact of Pain in Europe – A Road Map for Action”
“Status report on the national implementation of seven strategic dimensions for the improvement of pain care”
Rolf-Detlef Treede, Medical Faculty Mannheim, Heidelberg University, Germany |
| 18:45 | “Example from Portugal on the implementation of pain medicine in national health care systems”
Beatriz Craveiro Lopes, EFIC Councilor, Portugal |
| 18:50 | “Strategy for the improvement of Pain management in the Galician Health Care System”
Dolores Martín Rodríguez, General Department of Quality Programs and Healthcare Safety, Galician Ministry of Health, Spain |
| 19:05 | “Europain – Understanding Chronic Pain and Improving Research in Europe”
Elisabetta Vaudano, Principal Scientific Manager, Innovative Medicine Initiative (IMI), Belgium |
| 19:20 | Discussion |
| 19:30 | Final remarks and closing |