

PRESS KIT

Pain in Europe VIII 8th Congress of the European Pain Federation EFIC®

October 9-12, 2013
Florence, Italy

Content

- Press Release
 - “Supporting young scientists is the key in the battle against pain”
- Biography and Key Slide
 - Dr Barbara Namer, MD
 - Dr Madusha Peiris, PhD
 - Asst Prof Ozren Polašek, MD, MPH, PhD
 - Dr Stefano Tamburin, MD, PhD
 - Prof Thomas Graven-Nielsen, DMSc, PhD (Guest-Speaker)
- Background
 - EFIC-Grünenthal Grant: Promoting innovative pain research
 - EFIC-Grünenthal Grant winners 2012
 - EFIC-Grünenthal Grant: Winners and projects 2004-2012
 - European Pain Federation EFIC®

Press Release

Supporting young scientists is the key in the battle against pain

Florence, October 10th 2013. As the field of pain has evolved significantly in Europe over the years, pain research is more relevant than ever: Every fifth adult citizen in Europe suffers from persistent or chronic pain, so pain has become a major health problem in Europe. In line with the thought that pain research is getting more and more important, the EFIC-Grünenthal Grant (E-G-G) gave young scientists support and a platform in the course of the 8th EFIC[®] Congress in Florence, Italy. One day after the awarding of the seven winners of an E-G-G 2012 on occasion of the congress opening ceremony, former winners of an E-G-G presented the progress and development of their research projects at the EFIC[®] symposium “New Findings in Clinical Pain Research”.

The E-G-G aims to fund research projects that will become stepping stones toward a better understanding of pain and how to treat patients in the future. The award supports young scientists in carrying out innovative and exploratory clinical pain research projects. The European Pain Federation EFIC[®] and the pharmaceutical company 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 call attention to these young scientists' projects and show the importance of disseminating and honoring their research results. Additionally, the symposium serves as a platform for the young researchers to express their thoughts and visions and extend their network.

The presented and discussed research projects at the EFIC[®] symposium 2013 were:

- “NGF sensitizes silent nociceptors in human skin – results from a microneurography study” clarified by Dr Barbara Namer, Germany, winner of the E-G-G 2010
- “Characterisation of Kv7 sub-types in gastrointestinal pain”, Dr Madusha Peiris, United Kingdom, winner of the E-G-G 2010
- “Genetics of acute pain - still a long way to go” by Asst Prof Ozren Polašek, Croatia, winner of the E-G-G 2010
- “Pain Sensory Profiles in Diabetic Peripheral Neuropathic Pain”, presented by Dr Stefano Tamburin, Italy, winner of the E-G-G 2010

Prof Thomas Graven-Nielsen, from the University of Aalborg, Denmark and winner of an E-G-G in 2007, gave insights in experimental human studies by holding the guest speech “Referred pain – what have we gained from the experimental human studies?” These topics show how innovative and ambitious the awarded projects were.

“With the 20th Anniversary motto ‘20 Years of Building Bridges’ this year’s congress also looks ahead and highlights what the near future will bring for pain medicine and for our patients. The progress and results of the presented research projects confirm the importance to enable young researchers to translate an idea into practice. With these pain research projects we are able to support the progress on our way to provide millions of people relief from their suffering of pain”, said Professor Hans-Georg Kress, the current President of the European Pain Federation EFIC®.

“Research requires more than just good ideas. It requires money to implement your projects”, Dr Stefano Tamburin, one of the recipients of the grant in 2010, explained when asked about the importance of the grant. “The E-G-G was ideal for the implementation of my projects, especially, because everything was very uncomplicated. My project was accepted without any limitations, and I could fully devote myself to my research.”

Interested young scientists can apply for the E-G-G 2014 from January 2014. More information: www.e-g-g.info

About the European Pain Federation EFIC®

With headquarters in Diegem/Brussels, the European Pain Federation EFIC® is a multidisciplinary professional organization in the field of pain research and medicine, consisting of 36 European chapters, which are the IASP® accredited official National Pain Societies in each country. EFIC’s constituent chapters therefore represent 36 European countries and close to 20,000 physicians, basic researchers, nurses, physiotherapists, psychologists and other healthcare professionals across Europe, who are involved in pain management and pain research. 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 treatment, its objective is to become the most patient-centric company and thus to be a leader in therapy innovation. Grünenthal is one of the last five remaining research-oriented pharmaceutical companies in Germany which sustainably invests in research and development. Research and development costs amounted to about 26 percent of revenues in 2012. Grünenthal’s research and development strategy concentrates on selected fields of therapy and state-of-the-art technologies. We are intensely focused on discovering new ways to treat pain better and more effectively, with fewer side-effects than current therapies. Altogether, the Grünenthal Group has affiliates in 26 countries worldwide. Grünenthal products are sold in more than 155 countries. Today, approx. 4,400 employees are working for the Grünenthal Group worldwide. In 2012, Grünenthal achieved revenues of € 973 million. For more information: www.grunenthal.com.

Contacts:

Grünenthal Group
Frank Schönrock
Vice President Public Engagement
Phone: +49 241 569-1568
Fax: +49 241 569 3539
Email: frank.schoenrock@grunenthal.com

EFIC®
Christel Geevels
European Federation of IASP® Chapters
Phone: +32 2 251 55 10
Fax: +32 2 251 48 10
Email: secretary@efic.org
www.efic.org

Media Contacts
Grünenthal GmbH
Ariane Bleich
Communication Manager
Phone: +49 241 569 3475
Fax: +49 241 569 3539
Email: ariane.bleich@grunenthal.com

Project coordinator
Projektmanagement by Annika Erbe
Annika Erbe
Phone: +49 174 8806313
Email: annika.erbe@hotmail.de

Current press materials are available on request.

Biographies of symposium speakers

Dr Barbara Namer, MD, winner of the E-G-G 2010



Barbara Namer was born in Nuremberg / Germany. She studied medicine at the University of Erlangen Nürnberg, Germany. Following her final examinations 2002 she did her residency in the clinic for Neurology of Erlangen University. 2004 she submitted her medical doctoral thesis on Axon reflex measurement in humans. After that she was Postdoc at the Institute for Physiology and Pathophysiology in Erlangen/Germany with regular research periods at the University hospital of Uppsala University, Sweden and at Rikshospitalet Oslo Norway working mainly with the technique of microneurography of nociceptors in humans. 2007 and 2009 her two children were born. 2010 she achieved supported by a grant of the University of Erlangen Nürnberg her postdoctoral theses together with lecture qualification ("Venia legendi", Habilitation) „Sensory and axonal properties of human C-fibers under physiological and pathophysiological conditions". Since 2011

she is PI of a project financed by the German research foundation (DFG): Sodium channels in neuropathic pain: The regulation of sensory and axonal properties of human C-fibers by axonal sodium conductance.

Dr Madusha Peiris, PhD, winner of the E-G-G 2010



Dr Madusha Peiris, born in Sri Lanka and raised in Australia, completed her BSc (Hons) at the University of Queensland, Australia in 2003, majoring in Biomedical Science and Genetics. Her honours thesis, 'Investigation of RNA interference as a molecular tool for identification of P .falciparum gene function' was conducted at the Queensland Institute of Medical Research and majored in Parasitology and Molecular Biology. In 2004, she began reading for her PhD, titled 'Functional Roles of Peroxisome Proliferator-Activated Receptor β/δ in a Model of Relapsing-Remitting Experimental Autoimmune Encephalomyelitis' at the School of Pharmacy, University of Queensland. Following completion of her PhD in 2008, Madusha moved to the other side of the world, i.e. London, where she joined the Wingate Institute for Neurogastroenterology as a post-doctoral research fellow. With the aim or widening her interests and practical skills, Madusha began

working in the field of visceral pain with her project on 'Human afferent recordings in gastrointestinal tissue'. Under the guidance of Prof Qasim Aziz and Prof Charles Knowles, her foray into the world of electrophysiology began (in the deep/scary end). Development of a novel technique for studying visceral pain mechanisms has been extremely rewarding, culminating in the award of an EFIC-Grunenthal-Grant in 2010. She continues to study visceral pain while developing broader interests in the field of neurogastroenterology, with the guidance of Prof Ashley Blackshaw.

Asst Prof Ozren Polašek, MD, MPH, PhD, winner of the E-G-G 2010



Dr Polašek graduated from the Zagreb University School of Medicine in 2003, completed a PhD at the same institution in 2008, and also completed a PhD at the University of Edinburgh, UK in 2009. He is currently working at the Medical School, University of Split as an assistant professor in Public health. He is also a Director of the Croatian Centre for Global Health. He is involved in several undergraduate and post-graduate teaching courses. His main career interests include genetic epidemiology and research in public health.

Dr Stefano Tamburin, MD, PhD, winner of the E-G-G 2010



Stefano Tamburin was born in Occhiobello, Italy in 1971. Early in his life, he discovered his interest in science and in 1996 he received his MD at the University of Ferrara, Italy. In 1997, he started his residency in Neurology at the University of Verona, Italy, where he was introduced to the fields of clinical neurophysiology and pain physiology by his first mentor Dr. Giampietro Zanette. After a short fellowship in Geneva, Switzerland, he obtained his PhD in Neuroscience in Verona in 2005, under the supervision of Prof. Antonio Fiaschi. Today he is Lecturer in Neurology at the University of Verona. His major research interests include neuropathic pain, motor physiology, and movement disorders. He is very glad to have the chance to complement his research activities with caring for patients in the Neurology Section of the local University Hospital.

Prof Thomas Graven-Nielsen, DMSc, PhD, winner of the E-G-G 2007 and guest-speaker at the symposium



Professor Thomas Graven-Nielsen received his Ph.D. within Biomedical Science and Engineering in 1997 (Aalborg University). In 2006 he obtained a Doctoral degree in Medical Science (Copenhagen University). He is full professor in Pain Neuroscience at Center for Sensory-Motor Interaction, Department of Health Science and Technology, Aalborg University (since 2008), Denmark, and Adjunct Professor at Curtin University of Technology, Perth, Australia (since 2004). Head of Research within the Department of Health Science and Technology. Head of the Doctoral School in Medicine, Biomedical Science and Technology, Aalborg University (150+ students enrolled) since 2006. His research focuses on translational studies of musculoskeletal pain bridging the gap between basic animal findings and clinical manifestations of pain. Development of pain models, bio-markers and assessment technologies are key

biomedical tools for the translational studies. The core area is muscle pain, referred pain, deep-tissue hyperalgesia, pharmacological screening, and electrophysiological techniques to assess muscle pain physiology. He has published 170+ scientific peer-reviewed papers and received several awards. He reviews papers on a regular basis for high-ranked journals, has presented as keynote speaker at several international conferences, and organised scientific workshops and symposia at international meetings.

1. Sensitized mechano-insensitive nociceptors contribute to NGF-evoked mechanical hyperalgesia
2. Axonal sensitization by NGF might be of particular importance for activity-dependent excitability changes contributing to high-discharge frequency encoding that determine suprathreshold pain responses

Perspectives:

- NGF-evoked differential sensitization of single branches of a nociceptor suggests the contribution of localized mechanisms that are efficacious for weeks
- Changes in the kinetics of axonal protein biosynthesis or turn-over might be considered

1. KCNQ3 and KCNQ5 exhibit tissue specific distribution with KCNQ3 found only in the small bowel while KCNQ5 is found in the colon
2. In human colon, the KCNQ channel opener, retigabine, attenuates afferent firing induced by bradykinin stimulation
3. KCNQ channels may have an important role in modulating visceral pain in the gut

Not available due to sickness

- The presence of negative signs, indicating damage to peripheral nerve fiber, is the hallmark of diabetic peripheral neuropathic pain (DPNP)
- Patients with DPNP may be clustered in different subgroups according to their sensory profiles
- These subgroups may indicate different underlying pathophysiological mechanisms
- Subgrouping patients with DPNP may help stratifying them for future therapeutic trials

Referred pain - what have we gained from the experimental human studies?

- Referred pain can be induced into anaesthetised structures and is based on a central mechanism
- Referred pain is a time-dependent process requiring a local pain condition (e.g. from muscle)
- In chronic musculoskeletal pain patients the mechanism for referred pain is facilitated

EFIC-Grünenthal Grant **Promoting innovative pain research**

The EFIC-Grünenthal Grant is provided by the European Pain Federation 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 biennially at the total amount of € 200,000 and research grants are valued at up to € 40,000 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 and in 2012 the 7 winners received up to € 40,000 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 the EFIC® Committee on Scientific Research

The decisions on the recipients of the grant are independently made by the EFIC® Committee on Scientific 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 Scientific Research

- Prof Martin Koltzenburg, FRCP (Chair)
London, United Kingdom
- Dr Luis Villanueva, DDS, PhD (Vice-Chair)
Paris, France
- Dr Christine Cedraschi, PhD, psychologist
Genève, Switzerland
- Prof Michele Curatolo, MD, PhD
Bern, Switzerland
- Prof Hans Georg Kress, MD, PhD, FFPMCAI
Vienna, Austria
- Prof Serge Perrot, MD, PhD
Paris, France
- RNDr. Viktorie Vlachova, D.Sc.
Prague, Czech Republic
- 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 2014

Winners of the recent E-G-G will be presented during the Opening Ceremony of the biennial 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 2014 can be submitted from January 2014.

About the European Pain Federation EFIC®

With headquarters in Diegem/Brussels, the European Pain Federation EFIC® is a multidisciplinary professional organization in the field of pain research and medicine, consisting of 36 European chapters, which are the IASP® accredited official National Pain Societies in each country. EFIC's constituent chapters therefore represent 36 European countries and close to 20,000 physicians, basic researchers, nurses, physiotherapists, psychologists and other healthcare professionals across Europe, who are involved in pain management and pain research. 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 treatment, its objective is to become the most patient-centric company and thus to be a leader in therapy innovation. Grünenthal is one of the last five remaining research-oriented pharmaceutical companies in Germany which sustainably invests in research and development. Research and development costs amounted to about 26 percent of revenues in 2012. Grünenthal's research and development strategy concentrates on selected fields of therapy and state-of-the-art

technologies. We are intensely focused on discovering new ways to treat pain better and more effectively, with fewer side-effects than current therapies. Altogether, the Grünenthal Group has affiliates in 26 countries worldwide. Grünenthal products are sold in more than 155 countries. Today, approx. 4,400 employees are working for the Grünenthal Group worldwide. In 2012, Grünenthal achieved revenues of € 973 million. For more information: www.grunenthal.com.

Contacts:

Grünenthal Group
Frank Schönrock
Vice President Public Engagement
Phone: +49 241 569-1568
Fax: +49 241 569 3539
Email: frank.schoenrock@grunenthal.com

EFIC®
Christel Geevels
European Federation of IASP® Chapters
Phone: +32 2 251 55 10
Fax: +32 2 251 48 10
Email: secretary@efic.org
www.efic.org

Media Contacts
Grünenthal GmbH
Ariane Bleich
Communication Manager
Phone: +49 241 569 3475
Fax: +49 241 569 3539
Email: ariane.bleich@grunenthal.com

Project coordinator
Projektmanagement by Annika Erbe
Annika Erbe
Phone: +49 174 8806313
Email: annika.erbe@hotmail.de

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

WE ARE PLEASED TO ANNOUNCE THE

**EFIC-GRÜNENTHAL GRANT
WINNERS 2012**

Research grants for clinical and human
experimental pain research.

WE ARE PLEASED TO ANNOUNCE THE
EFIC-GRÜNENTHAL GRANT WINNERS **2012**



Dr Jordi CASANOVA-MOLLA, MD, PhD
(Hospital Universitari Joan XXIII de Tarragona, Spain)

Nociceptive nerve endings as a target for autoantibodies.

The objective of this project is to investigate the presence of autoantibodies against the contacting-associated protein 2 (CASPR2), a subtype of voltage-gated potassium channel (VGKC) which has been recently reported

in patients with idiopathic small fiber neuropathy. This potential use makes skin biopsy a promising tool to help on the etiology of SFN that now remains unknown for most patients. Also, the identification of immunomediated damage could give support to specific treatment for patients suffering of neuropathic pain.



Dr Lannie LIGTHART, PhD
(VU University, Amsterdam, The Netherlands)

A longitudinal study on chronic pain, anxiety and depression

Pain frequently co-occurs with anxiety and depression, but it is largely unknown why this is the case. In this study, I aim to investigate how these conditions develop over time, at the level of subclinical symptomatology rather

than endpoint diagnoses. In addition, I will use latent class analysis to test whether different symptom profiles are associated with a different course of development of these conditions. Investigating how symptoms develop over time and how they cluster in individuals will shed more light on the mechanisms underlying the comorbidity of pain, anxiety and depression.



Dr Samar HATEM, MD, PhD
(CHU Brugman, Brussels, Belgium)

Visuospatial adaptation with prisms after stroke: acting on pain or neglect ?

After cerebral stroke, about 30% of patients suffer from upper limb complex regional pain syndrome (CRPS) which combines pain, neuropathic symptoms, hemineglect signs, dysautonomic, sensory and motor disturbances.

Recent studies suggest that the modulation of visuospatial frames of reference concerning the body and near-space may influence pain levels. This research project aims at (1) examining the interactions between pain, neglect and the visuospatial framework, modified with prism adaptation, (2) assessing the analgesic efficacy of prism adaptation as a new non-pharmacological approach for CRPS after stroke.



Dr Ann MEULDERS, PhD
(University of Leuven, Belgium)

Fear generalization as a pathway to chronic widespread pain

Increasing evidence indicates that pain-related fear plays a pivotal role in the transition from acute to chronic disabling pain. Fear generalization however has been largely neglected in pain research

so far. This project aims to examine how fear and avoidance spread to other movements/activities, and whether fear generalization fosters pain sensitivity. We will investigate fear generalization 1) in chronic pain versus healthy controls, 2) in relation to the spreading of pain itself, 3) based on functional equivalence, and 4) and the effects of individual differences and inhibitory control.

WE ARE PLEASED TO ANNOUNCE THE
EFIC-GRÜNENTHAL GRANT WINNERS **2012**



Prof Till SPRENGER,
MD (Germany;
host institution:
University Hospital
Basel, Switzerland)

**Imaging grey and white
matter pathology in central
post-stroke pain with MRI.**

Central post-stroke pain (CPSP) is characterized by severe hemi-body pain following stroke. In this project, we aim at studying the somatosensory profile (QST), subcortical and cortical structure as well as structural and functional connectivity of CPSP patients, stroke patients without pain and healthy subjects using MRI. These studies will shed light on the framework of brain areas and mechanisms of brain plasticity involved in the generation of CPSP. The study will further help to understand how sensory symptoms and brain structure / function relate to each other.



Dr Katharina
ZIMMERMANN, MD
(University of
Nuremberg-Erlangen,
Germany)

**Defining peripheral and
central pathophysiology and
heritable susceptibility factors
of ciguatera-associated cold
allodynia**

Cold allodynia is a major and dreadful symptom of many neuropathic pain states and it is a hallmark symptom of Ciguatera, a disease caused by intoxication with the fish poison ciguatoxin, which meanwhile represents a major global public health concern. Identification of the pain pathways activated by ciguatoxin as well as analysis of heritable susceptibility factors will help understand the mechanism and the inter-individual variability of Ciguatera symptomatology and eventually the pathogenesis of painful cold hypersensitivity.



Dr Elia VALENTINI,
PhD (Sapienza Uni-
versity, Roma, Italy)

**'Pain engrams': psychophy-
siologic investigations of
memory traces of nociceptive
information**

Electroencephalography (EEG) responses triggered by nociceptive stimuli are thought to reflect the salience (bottom-up capture of attention) and relevance (top-down attentional control) of the sensory event. However, little is known on how the encoding and maintenance of nociceptive somatosensory information is represented by EEG activity. The present project aims to study (i) EEG correlates of nociceptive sensory memory (encoding) as reflected by the evoked mismatch negativity, and (ii) nociceptive working memory (maintenance) as reflected by nociceptive-related EEG oscillatory activity during a memory task. The studies will contribute to elucidate the brain processes associated to short-term memory traces formation and manipulation of nociceptive somatosensory information..

(Research grants for clinical and
human experimental pain research
of € 22,500 - 40,000 each).

EFIC-Grünenthal Grant: Winners and projects 2004-2012

EFIC-Grünenthal Grant 2012

Dr Jordi Casanova-Molla, MD, PhD, Spain

Nociceptive nerve endings as a target for autoantibodies

Dr Samar Hatem, MD, PhD, Belgium

Visuospatial adaptation with prisms after stroke: acting on pain or neglect?

Dr Lannie Ligthart, PhD, Netherlands

A longitudinal study on chronic pain, anxiety and depression

Dr Ann Meulders, PhD, Belgium

Fear generalization as a pathway to chronic widespread pain

Prof Till Sprenger, MD, Germany

Imaging grey and white matter pathology in central post-stroke pain with MRI

Dr Elia Valentini, PhD, Italy

“Pain engrams”: psychophysiologic investigations of memory traces of nociceptive information

Dr Katharina Zimmermann, MD, Germany

Defining peripheral and central pathophysiology and heritable susceptibility factors of ciguatera-associated cold allodynia

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>.

Contacts:

Grünenthal Group

Frank Schönrock

Vice President Public Engagement

Phone: +49 241 569-1568

Fax: +49 241 569 3539

Email: frank.schoenrock@grunenthal.com

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



EUROPEAN PAIN FEDERATION EFIC®

The European Pain Federation EFIC® is a multidisciplinary professional organisation in the field of pain science and medicine, made up of over 36 European Chapters of IASP®. Started off in 1993, EFIC® celebrates its 20th anniversary and represents meanwhile more than, 20,000 scientists, physicians, nurses, physiotherapists, psychologists and other healthcare professionals across Europe, who study pain or treat pain patients.

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 national EFIC® Chapters in order to achieve the objectives listed above
- To bring together basic scientists, physicians and other health care professionals of various disciplines and backgrounds to foster and encourage research into pain mechanisms and pain syndromes and to improve the management of patients suffering from acute and chronic pain.
- The ways to achieve these aims and objectives include:
 - Organising the biennial Pain in Europe congresses
 - Organising additional scientific meetings
 - Publishing the European Journal of Pain since 1997
 - Owning a website: www.efic.org
 - The "Europe against Pain" initiative and the European Year Against Pain
 - Educational initiatives: EFIC® Pain Schools, Fellowships, Eastern European Educational Grants, etc.
 - Endorsement of national pain projects

EFIC® CONGRESSES – PAST & PRESENT

09.-12.10.2013 Pain in Europe VIII: Florence - 20th Anniversary of EFIC: 20 Years of Building Bridges!

2011 Pain in Europe VII: Hamburg

2009 Pain in Europe VI: Lisbon



2006 Pain in Europe V: Istanbul
2003 Pain in Europe IV: Prague
2000 Pain in Europe III: Nice
1997 Pain in Europe II: Barcelona
1995 Pain in Europe I: Verona

EFIC® KEY INITIATIVES: European Year Against Pain (EYAP):

October 2013-October 2014 "Orofacial Pain"
October 2012-October 2013 "Visceral Pain"

EFIC Societal Impact of Pain (SIP) Symposia:

2013 European Parliament, Brussels
2012 Copenhagen
2011 European Parliament, Brussels
2010 Brussels

YEARLY EFIC® COUNCIL MEETINGS:

Each National EFIC® Chapter is represented by a Councillor, who is eligible for EFIC® offices and has the right to vote at the Council Meeting.

EFIC® EXECUTIVE BOARD MEMBERS

Prof Hans G. Kress, M.D., PhD, FFPMCAI

President

Mail: Hans.Kress@efic.org

Prof Giustino Varrassi, M.D.

Past President

Mail: Giustino.Varrassi@efic.org

Dr Chris Wells

President Elect

Mail: Chris.Wells@efic.org

Prof Eli Alon, MD

Honorary Treasurer

Mail: Eli.Alon@efic.org

Prof Nevenka Krcevski-Skvarc, MD

Honorary Secretary

Mail: Nevenka.Krcevski.skvarc@efic.org

European Federation of IASP® Chapters (EFIC®)
www.efic.org – secretary@efic.org