Host and Organizer
Dept. of Anaesthesiology
Chair: Prof. Dr. med. Dr. h.c. J. Schüttler
University Hospital Erlangen

Scientific Coordinators
Prof. Dr. med. Carla Nau
Prof. Dr. med. Dr. h.c. Jürgen Schüttler

Registration and Information
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Accreditation
The symposium will be accredited by the Bayerische Landesärztekammer to provide continuing medical education for physicians (CME-Punkte).

Venue
Neues Hörsaalzentrum
Universitätsklinikum Erlangen
Kleiner Hörsaal
Ulmenweg 18
91054 Erlangen

Arrival and Parking
Parkhaus Uni-Kliniken
Schwabachanlage 14
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DETERMINANTS AND MODULATORS OF POSTOPERATIVE PAIN

International Symposium
of the Clinical Research Unit
KFO130
at the University Hospital Erlangen
and the Friedrich-Alexander-University
Erlangen-Nürnberg

April 27 – 28, 2012
Friday, April 27, 2012

Get together
Coffee and snacks

14:30 Welcome address and opening
J. Schüttler

14:40 Introduction
C. Nau

Nociceptor Sensitization in Pain Pathogenesis
Chair: P. Reeh

15:00 Interaction of anaesthetic agents with TRP channels
A. Leffler

15:30 Role of HCN2 ion channels in inflammatory and neuropathic pain
P.A. McNaughton

16:00 Spinal pain control by GABA-A receptor subtypes
H.U. Zeilhofer

Poster Session
Coffee

Imaging of Pain
Chair: W. Koppert

17:30 Imaging of inflammation and pain in rodents
A. Hess

18:00 Modulation of endogenous pain modulatory systems: fMR-imaging
C. Maihöfner

18:30 Influence of negative emotions on pain: Behavioural effects and neural mechanisms
K. Wiech

Saturday, April 28, 2012

Coffee

Genetic Determinants of Persistent Pain
Chair: A. Winterpacht

09:00 Genetic and phenotypic biomarkers of persistent pain conditions
W. Maixner

09:30 Pharmacogenomics of the human μ-opioid receptor
L.B. Diatchenko

10:00 Genetic modulation of the pharmacological treatment of pain
J. Lütsch

Poster Session
Coffee

Psychophysical, Cognitive, and Emotional Determinants of Persistent Pain
Chair: S. Lautenbacher

11:30 Cognition and psychophysics as predictor of postoperative pain
S. Lautenbacher

12:00 Psychophysical and psychological predictors of postoperative pain
R.R. Nir

12:30 Resilience and pain: Mechanisms and clinical implications
M. Peters

Conclusions and farewell

Lunch and individual departure

List of Speakers and Chairs

Luda B. Diatchenko, MD, Ph.D., Professor,
Center for Neurosensory Disorders, Carolina Center for Genome Sciences, Univ. of North Carolina at Chapel Hill, USA

Andreas Hess, Priv.-Doz. Dr. rer. nat.,
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Stefan Lautenbacher, Prof. Dr. phil.,
Physiological Psychology, University Bamberg

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