

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).



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

Venue

Neues Hörsaalzentrum
Universitätsklinikum Erlangen
Kleiner Hörsaal
Ulmenweg 18
91054 Erlangen

Arrival and Parking

Parkhaus Uni-Kliniken
Schwabachanlage 14
91054 Erlangen
Zufahrt über Palmsanlage

www.klinikum.uni-erlangen.de

DFG Deutsche
Forschungsgemeinschaft

FAU FRIEDRICH-ALEXANDER
UNIVERSITÄT
ERLANGEN-NÜRNBERG
MEDIZINISCHE FAKULTÄT

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

Dinner

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. Lötsch

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 Ge-
nome Sciences, Univ. of North Carolina at Chapel Hill, USA

Andreas Hess, Priv.-Doz. Dr. rer. nat.,
Dept. of Experimental and Clinical Pharmacology and Toxicol-
ogy, FAU Erlangen-Nürnberg

Wolfgang Koppert, Prof. Dr. med.,
Dept. of Anaesthesiology and Intensive Care Medicine,
Hannover Medical School

Stefan Lautenbacher, Prof. Dr. phil.,
Physiological Psychology, University Bamberg

Andreas Leffler, Prof. Dr. med.,
Dept. of Anaesthesiology and Intensive Care Medicine,
Hannover Medical School

Jörn Lötsch, Prof. Dr. med.,
pharmazentrum frankfurt, Institute of Clinical Pharmacology,
University Frankfurt

Christian Maihöfner, Prof. Dr. med.,
Dept. of Neurology, University Hospital Erlangen

William Maixner, Ph.D., D.D.S., Professor and Director,
Center for Neurosensory Disorders, University of North Caroli-
na at Chapel Hill, USA

Carla Nau, Prof. Dr. med.,
Dept. of Anaesthesiology, University Hospital Erlangen

Peter A. McNaughton, Ph.D., Professor and Head,
Department of Pharmacology, University of Cambridge, UK

Rony-Reuven Nir, Ph.D.,
Depts. of Cardiac and Thoracic Surgery, Faculty of Medicine,
Technion - Israel Institute of Technology, Haifa, Israel

Madelon Peters, Ph.D., Professor
of Experimental Health Psychology, Dept. of Clinical Psycho-
logical Science, Maastricht University, The Netherlands

Peter Reeh, Prof. Dr. med.,
Dept. of Physiology and Pathophysiology,
FAU Erlangen-Nürnberg

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Katja Wiech, Dr. rer. soc.,
Nuffield Department of Anaesthetics and Oxford Centre for
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sity of Oxford, UK

Andreas Winterpacht, Prof. Dr. rer. nat.,
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Hanns Ulrich Zeilhofer, Prof. Dr. med.,
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