



**International Association for the Study of Pain
12th World Congress on Pain, Glasgow, UK**

Topical Workshops: Wednesday August 20, 2008 10:00 – 11:30

All topics, times and rooms are subject to change.

TW 41 - NONPHARMACOLOGICAL TREATMENTS FOR PAIN: CURRENT EVIDENCE

Clyde

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

K. A. Sluka

Physical Therapy and Rehabilitation Science, University of Iowa, Iowa City, IA.

A. Wright

School of Physiotherapy, Curtin University of Technology, Perth, AUSTRALIA.

D. Walsh

UNITED KINGDOM.

M. H. Bement

Physical Therapy, Marquette University, Milwaukee, WI.

TW 42 - CRPS: NERVE, IMMUNE AND ENDOTHELIAL CELL INTERACTIONS

Hall 5

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

Educational Objectives: Recently, the term reflex sympathetic dystrophy (RSD) has been replaced by complex regional pain syndrome - type I (CRPS-I). The name change reflected a growing dissatisfaction with the implied mechanisms that contribute to pain associated with CRPS-I. Although the name has changed, the pathophysiology of CRPS-I remains contentious. The focus of this workshop is to take a fresh look at possible mechanisms that contribute to the pain of CRPS-I. Particular attention will be paid to mechanisms that influence immune system and vascular function in the affected tissue, and how that affects pain sensitivity in CRPS-I limbs. Participants will receive a brief review of the clinical characteristics and long-studied theories about the mechanisms of CRPS-I. Participants will be challenged to question old theories and entertain new ideas about the potential underlying mechanisms of CRPS-I. Participants will learn about the contribution of the immune system and vascular dysfunction to CRPS-I, and the parallels between recent human and animal research on nerve, immune and endothelial cell interactions in CRPS-I.

T. J.Coderre

Anesthesia, McGill University, Montreal, QC, CANADA.

F. Huygen

Pain Treatment Centre, Erasmus Medical Centre, Rotterdam, THE NETHERLANDS.

A. Goebel

Pain Medicine, The Walton Centre NHS Trust, Liverpool, UNITED KINGDOM.

TW 43 - THE OPIOIDERGIC SYSTEM IN PAIN: INSIGHTS FROM IMAGING ANALYSES

Hall 2

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

J. Zubieta

Molecular & Behavioral Neuroscience Institute, University of Michigan, Ann Arbor, MI.

A. Berthele

Dept. of Neurology, Technical University Munich, Muenchen, GERMANY.

K. L. Casey

MI.

TW 44 - RESULTS OF OUTCOMES STUDIES: CLINICALLY MEANINGFUL CHANGE

Hall 3

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

Educational Objectives: The educational objectives of this workshop is to describe several issues associated with determining what should be the basis for concluding that a treatment produces a meaningful change -- both clinically meaningful and statistically significant. Specifically, the presentations will elucidate the general issue of statistical significance vs. meaningfulness to the patient. The purpose is also to discuss the appropriateness of different types of outcome measures in evaluating clinical significance as well as the multidimensionality of outcomes in clinical trials. In addition, methods for determining patient perspectives on meaningful levels of improvement will be addressed. Several alternative criteria to use in establishing meaningful outcomes will be described. Finally, future applications will be discussed.

A. Soderlund

Department of Neuroscience, Section of Physiotherapy, Uppsala University, Uppsala, SWEDEN.

P. Asenlof

Department of Neuroscience, Section of Physiotherapy, Uppsala University, Uppsala, SWEDEN.

J. Farrar

Center for Clinical Epidemiology & Biostatistics, University of Pennsylvania, Philadelphia, PA.

D. C. Turk

Anesthesiology, University of Washington, Seattle, WA.

TW 45 - DESCENDING INHIBITORY CONTROLS: FROM EXPERIMENTAL EVIDENCE TO CLINICAL APPLICATION

Lomond

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

Educational Objectives: The target audience consists of basic researchers, pharmacists and clinicians working in acute and chronic pain, disorders of pain processing and the transition from acute to chronic pain. The first lecture will provide a comprehensive overview on what has been discovered and understood about descending inhibitory controls in animal research. It will provide a synopsis of the various types of inhibitory controls, how they work, how they can be implemented and studied in the animal model, how these controls and their dysfunction contribute to pain disorders, and how they can be modulated by pharmacological and other means. In the second lecture, we will cover the development of experimental human models for the study of descending inhibitory controls. These techniques will be described in detail, and the insight they give regarding mechanisms underlying pain and pain disorders described. Limitations and problems of inhibitory function tests will be addressed, together with the significance of future developments in this field. The clinical application of inhibitory function tests in the context of pain, pain syndromes, and the development of chronic pain will be addressed in the third lecture. The feasibility and reliability of inhibitory function diagnostics in clinical use will be covered. A particular accent will be the interpretation and meaning of these tests regarding diagnosis, prognosis and treatment of pain disorders. These aspects will be discussed based on examples from clinical research and practice in the areas of perioperative pain and its chronification, as well as chronic pain syndromes.

L. Arendt-Nielsen

Laboratory for Experimental Pain Research, Centre for Sensory-Motor Interaction, University of Aalborg, Aalborg, DENMARK.

D. Le Bars

Inserm U-713 Research Unit (Pain and Stress), Pitié-Salpêtrière School of Medicine and Teaching Hospital, Paris, FRANCE.

O. H. G. Wilder-Smith

Pain and Nociception Research Group, Department of Anaesthesiology, Radboud University Nijmegen Medical Centre, Nijmegen, THE NETHERLANDS.

TW 46 - LONG-TERM POTENTIATION: A CENTRAL MECHANISM IN PLASTICITY OF NOCICEPTIVE TRANSMISSION AND PAIN PERCEPTION

Hall 1

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

W. Magerl

Institute of Physiology and Pathophysiology, Johannes Gutenberg University, Mainz, GERMANY.

J. Sandkuehler

Department of Neurophysiology, Center for Brain Research, Medical University of Vienna, Vienna, AUSTRIA.

M. F. Bear

Picower Center for Learning and Memory, MA.

TW 47 - ADVANCES IN COGNITIVE AND BEHAVIORAL APPROACHES TO CHRONIC PAIN: DEVELOPING THE ROLES OF ACCOMMODATION, ACCEPTANCE, AND PSYCHOLOGICAL FLEXIBILITY

Forth

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

L. McCracken

Pain Management Unit, Royal National Hospital for Rheumatic Diseases, Walls Bath, UNITED KINGDOM.

G. Crombez

Department of Experimental Clinical and Health Psychology, Ghent University, Ghent, BELGIUM.

J. Dahl

Department of Psychology, Uppsala University, Uppsala, SWEDEN.

TW 48 - ECTOPIC DISCHARGES IN C- NOCICEPTORS AS A CAUSE OF NEUROPATHIC PAIN

Alsh

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

M. Devor

Department of Cell and Animal Biology, Institute of Life Sciences and Center for Research on Pain, Hebrew University of Jerusalem, Jerusalem, ISRAEL.

J. Serra

Department of Neurology and Rehabilitation, MC Mutual, Barcelona, SPAIN.

S. G. Waxman

Department of Neurology, Yale School of Medicine, New Haven, CT.

TW 49 - ACUPUNCTURE IN MANAGEMENT OF THE PAIN PATIENT: A WESTERN PHYSIOLOGICAL VIEW

Dochart

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

Educational Objectives: We aim to present and discuss: acupuncture in management of the pain patient – the evidence from clinical trials; acupuncture in management of the pain patient – a physiological view; and stimulation parameters for optimal effect – experimental evidence.

M. Cummings

London Office, British Medical Acupuncture Society, London, UNITED KINGDOM.

T. Lundeberg

Medical Rehabilitation, Danderyds Hospital, Stockholm, SWEDEN.

P. Barlas

School of Health and Rehabilitation, Keele University, Staffordshire, UNITED KINGDOM.

TW 50 - CHILDREN'S PAIN MANAGEMENT IN DEVELOPING COUNTRIES

Carron

Wednesday, August 20, 2008 10:00:00 AM - 11:30:00 AM

Educational Objectives: Participants will understand some of the challenges in providing pain care to children in developing countries, and will appreciate the need for increased advocacy and resources applied to under-served populations and areas. Examples from Africa, South America, and Asia will illustrate the issues.

G. Finley

IWK Health Centre, Dalhousie University, Halifax, NS, CANADA.

R. Carbajal

Centre National de Ressources de lutte contre la Douleur, Hôpital d'enfants Armand Trousseau, Paris, FRANCE.

A. Bösenberg

Red Cross Memorial Hospital, University of Cape Town, Cape Town, SOUTH AFRICA.