

BENZON SYMPOSIUM No. 57
ACUTE PAIN - PATHOPHYSIOLOGY AND RISK
FACTORS FOR CHRONIFICATION
OCTOBER 4-7, 2010, COPENHAGEN, DENMARK

Organizing committee:

Henrik Kehlet (Copenhagen), Troels Staehelin Jensen (Aarhus), Arne Svejgaard (Copenhagen) & Povl Krosgaard-Larsen (Copenhagen)

Scientific program - MONDAY, October 4, 2010

Henrik Kehlet: Welcome

INTRODUCTORY OPENING LECTURE

Chair: Henrik Kehlet

William A. Macrae: Chronic pain after surgery - how the problem evolved

Session I BASIC STUDIES - I

Chair: Anthony Dickenson

Timothy J. Brennan: Peripheral mechanisms of acute and chronic post-injury pain

Michael W. Salter: Central signalling systems in dorsal horn neuroplasticity

Michaela Kress: Proinflammatory cytokines and sphingolipids at the crossroad between nociceptors and the immune system

Jose M. Vela: Characterization of a new selective sigma-1 receptor antagonist (S1RA) that inhibits neuropathic pain and potentiates opioid analgesia – from rodents to human (*Oral poster*)

Session II : BASIC STUDIES - II

Chair: James Eisenach

Philippe Richebe: Prolonged duration of nerve block to oppose long-term pain vulnerability development in a incisional model of pain in rats (*Oral poster*)

Raymond Cheung: Potential role for the alpha-2-delta sub-unit in pain chronification (*Oral poster*)

Stephen McMahon: Neurotrophic factors in inflammatory and neuropathic pain

Gerald F. Gebhart: Mechanisms of visceral hypersensitivity

Allan Basbaum: Specificity in the processing of pain messages

Panel Discussion : TRANSLATING EXPERIMENTAL DATA TO CLINICAL STUDIES

Chair: Henrik Kehlet

WA Macrae, TJ Brennan, MW Salter, M Kress, S McMahon & GF Gebhart

Posters I : Authors present posters Nos. I-1 to I-12

BENZON SYMPOSIUM No. 57
ACUTE PAIN - PATHOPHYSIOLOGY AND RISK
FACTORS FOR CHRONIFICATION
OCTOBER 4-7, 2010, COPENHAGEN, DENMARK

Organizing committee:

Henrik Kehlet (Copenhagen), Troels Staehelin Jensen (Aarhus), Arne Svejgaard (Copenhagen) & Povl Krosgaard-Larsen (Copenhagen)

Scientific program - TUESDAY, October 5, 2010

Session III : CLINICAL STUDIES - I

Chair: Timothy J. Brennan

Srinivasa Raja: Persistent pain as a sequel of acute pain: Epidemiology

Troels Staehelin Jensen: The clinical presentation of persistent pain and relation to acute pain

Ralf Baron: The role of quantitative sensory testing in pain classification?

Walter Magerl: Assessment of sensitisation in persistent pain

Hans J. Gerbershagen: Preoperative chronic pain and the development of acute and chronic postoperative pain (*Oral poster*)

Session IV : CLINICAL STUDIES - II

Chair: Emeran A. Mayer

Madelon L. Peters: Psychological predictors of chronic post operative pain and suboptimal recovery (*Oral poster*)

Barbara A. Hastie: Predicting post-operative pain with a multi-mechanistic model (*Oral poster*)

Patricia Lavand'homme: Evaluation of the antihyperalgesic effect of ketamine in elective Cesarean Delivery using dynamic quantitative sensory testing (*Oral poster*)

Martin Schmelz: Structural and functional neuronal changes in chronic pain patients

Irene Tracey: Imaging pathophysiological and psychological changes underpinning the transition of acute to chronic pain

C. Richard Chapman: The acute pain trajectory: A new tool for assessing the risk of postoperative pain chronification (*Oral poster*)

William Maixner: Temporomandibular disorders and related conditions

Emeran A. Mayer: Generalized persistent pain syndromes

Posters II : Authors present posters Nos. II-1 to II-20

BENZON SYMPOSIUM No. 57
ACUTE PAIN - PATHOPHYSIOLOGY AND RISK
FACTORS FOR CHRONIFICATION
OCTOBER 4-7, 2010, COPENHAGEN, DENMARK

Organizing committee:

Henrik Kehlet (Copenhagen), Troels Staehelin Jensen (Aarhus), Arne Svejgaard (Copenhagen) & Povl Krosgaard-Larsen (Copenhagen)

Scientific program - WEDNESDAY, October 6, 2010

Session V : RISK FACTORS IN SPECIFIC SURGERIES AND DISEASES - I

Chair: Stephen McMahon

Eija Kalso: Breast surgery

Eske K. Aasvang: Persistent postherniotomy pain

Henrik Kehlet: Thoracotomy

James Eisenach: Obstetric and gynecologic surgery

Patrícia R. Pinto: A prospective study of risk factors for chronic post-surgical pain in women undergoing hysterectomy for benign disorders (*Oral poster*)

Session VI : RISK FACTORS IN SPECIFIC SURGERIES AND DISEASES - II

Chair: Troels Staehelin Jensen

Audun Stubhaug: Chronic pain after breast augmentation is associated with peripheral nerve injury and central changes (*Oral poster*)

Frederick Perkins: A systematic review and meta-analysis of persistent pain following sentinel node biopsy compared to axillary node dissection (*Oral poster*)

Maija Haanpää: How to prevent postherpetic neuralgia?

Jes Olesen: Chronification of headache disorders

Jennifer A. Haythornthwaite: Psychosocial contributions to the chronicity of pain

Roger Fillingim: Individual differences in pain sensitivity as a risk factor for chronic pain

Posters III : Authors present posters Nos. III-1 to III-22

BENZON SYMPOSIUM No. 57
ACUTE PAIN - PATHOPHYSIOLOGY AND RISK
FACTORS FOR CHRONIFICATION
OCTOBER 4-7, 2010, COPENHAGEN, DENMARK

Organizing committee:

Henrik Kehlet (Copenhagen), Troels Staehelin Jensen (Aarhus), Arne Svejgaard (Copenhagen) & Povl Krogsgaard-Larsen (Copenhagen)

Scientific program - THURSDAY, October 7, 2010

Session VII : STRATEGIES FOR TREATMENT AND PREVENTION - I

Chair: Michael W. Salter

Nanna B. Finnerup: Update on existing pharmacological treatment in neuropathic pain

Anthony Dickenson: Potential new targets in persistent pain: One or multiple mechanisms?

Stephan A. Schug: Prevention of phantom limb pain in a routine clinical setting
(Oral poster)

Asokumar Buvanendran: Risk factors and mechanisms for persistent postsurgical pain after total knee replacement *(Oral poster)*

Maarten Loos: Tailored neurectomy for treatment of postherniorrhaphy inguinal neuralgia *(Oral poster)*

Timothy J. Brennan: Preemptive analgesia: Fact or fiction?

Posters IV : Authors present posters Nos. IV-1 to IV-4

Session VIII : STRATEGIES FOR TREATMENT AND PREVENTION - II

Chair: Gerald F. Gebhart

Julie Bruce: Development of a framework to establish core risk factor and outcome domains for chronic postsurgical pain studies *(Oral poster)*

Srinivasa Raja: Predictors of persistent pain after acute injury

Ian Gilron: Strategies for future study designs in chronic pain

Panel Discussion: THE WAY FORWARD

Chair: Allan Basbaum

Henrik Kehlet, Troels Staehelin Jensen & Srinivasa Raja

Troels Staehelin Jensen: Closing comments