

EPS 2005 Programme of Lectures

Monday, June 6

9.00-9.30 Opening Ceremony

Welcome

Prof. Giancarlo Carli

Purpose and outline of European Pain School 2005

Prof. Manfred Zimmermann

Introduction to the Certosa venue and facilities, structure of the day, excursion, distribution of the Certosa booklet

Prof. Anna Maria Aloisi

9.30-12.30 Session I

1. Chronic pain a disease: Epidemiology and basic physiology

2. Cell biology and transcription processes related to chronic pain

Prof. Manfred Zimmermann,

Neuroscience and Pain Research Institute, Heidelberg, Germany

13.00 Lunch

15.00-18.30 Session II

1. & 2. The imaging of pain in the central nervous system

Prof. Carlo A. Porro

*Dip. Scienze Biomediche, Sezione Fisiologia, Univ. di Modena e Reggio Emilia,
Modena, Italy*

Tuesday, June 7

9.00-12.30 Session III

1 & 2. Gender differences in pain related behaviour – hormones and genes

Prof. Anna Maria Aloisi

Dept. Physiology, University of Siena, Siena Italy

13.00 Lunch

15.00-18.30 Session IV

1. Opioid receptors: definitions, cloning, gene knockout and opiate pharmacology

2. Basal behaviors in opioid-receptor knockout mice. Opioid-peptides knockout mice

Prof. Claire Gaveriaux-Ruff

*Inst. de Genetique et de Biologie Moleculaire et Cellulaire, CNRS/INSERM/ULP,
Strasbourg France*

Wednesday, June 8

9.00-12.30 Session V

Heritability of pain as studied in animal models of nociception and hypersensitivity

Prof. William Lariviere

Univ. Pittsburgh, School of Medicine, Dept. Anesthesiol, Pittsburgh, USA

13.00 Lunch

15.00-18.30 Session VI

Pain and analgesia in fetus and newborn

Dr. Carlo Bellieni

Azienda Ospedaliera Universitaria Senese, Siena

Dimensions of pain in chronic pain patients

Prof. Giancarlo Carli

Dept. Physiology, University of Siena, Italy

Thursday, June 9

9.00-12.30 Session VII

General aspects of gene therapy

Gene based approaches to the therapy of chronic pain

Prof. Michel Pohl

INSERM - E0331, Paris, France

13.00 Lunch

14.30 Guided visit to historical Siena, Social Dinner

Friday, June 10

9.00-12.30 Session VIII

Headache syndromes: Mechanisms, phenotypes, treatment and genes

Prof. Michael Ferrari

Dept. of Neurology K5Q, University Hospital, Leiden, The Netherlands

13.00 Lunch Session IX

1. Injured nerves ring out in pain: mechanisms of pain in neuropathy

2. Genes, environment and pain phenotype

Prof Marshall Devor

Dept. of Cell & Animal Biology, Hebrew University, Jerusalem, Israel

Saturday, June 11

9.00-12.30 Session X

Drugs against pain – Pharmacokinetics, pharmacogenetics and drug development

Prof. J. Lötsch

*Klinikum der J. W. Goethe University, Zentrum der Pharmakologie, Frankfurt,
Germany*

13.00 Lunch

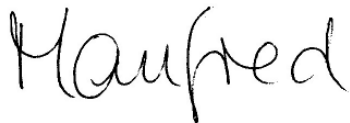
15.00-17.00 Session XI

Osteoporosis – Mechanisms, genes and pain

Prof. Valentina Martinetti

University of Florence, Florence Italy

17.00-18.00 Final discussions - Pain School Certificate



Manfred Zimmermann