

PRESIDENTS

ANTONIO BRASCHI
GUIDO FANELLI

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MICHAEL R. CLARK
JOSÉ DE ANDRÉS
PABLO INGELMO
MASSIMO ALLEGRI

SCIENTIFIC ORGANIZING

DARIO BUGADA
MANUELA DE GREGORI
CRISTINA E. MINELLA

2013
SIMPAR
STUDY IN MULTIDISCIPLINARY PAIN RESEARCH
25TH MEETING

PAVIA, MARCH 22-23 2013

Università degli Studi di Pavia

ACUTE AND CHRONIC PAIN

Where we are and where we have to go.

From bench to bedside



SIMPAR (Study in Multidisciplinary PAin Research) meeting represents a congress focused on acute and chronic pain therapy, whose main purpose is to increase the knowledge of basic research and clinical practice about this very important syndrome. Hence, with the presence of some of the most known scientists on this topic we would enforce the international sharing of experience and knowledge, creating common directions in pain management and research. The meeting purpose is to link bench to bedside and to optimize pharmacological and interventional therapies toward evidence based management of the fifth vital sign.

This feature will be reinforced in this fifth edition, in which with the contribution of some of the most known and important scientists in this field, we will discuss the “hot topics” that should help researchers and clinicians in succeeding to reach our goal: a even more personalized and effective pain therapy: New Pain perspectives focusing on the most appealing research trends in pain. We will discuss about optogenetic (a new technology to understand better pain mechanisms), research on hyperalgesia (discussing its pathophysiology and clinical implication) and new interventional pain management (discussing how nanotechnology could become the “new era” of pain therapy).

Opioids. Evidence based prediction for opioid use: bench and clinic, in order to deepen the knowledge of these analgesics by a multidisciplinary approach. The main purpose is to give to basic scientists new inputs for their researches and to clinicians a new approach in order to better manage these drugs improving their efficacy and minimizing side effects.

Chronic pain: From bench to diagnosis to treatment, focusing on different types of pain stressing and on which drugs and interventional treatments are more validated. The main purpose is to give to clinicians diagnostic and therapeutical “weapons”.

Regional anesthesia and analgesia: beyond pain control outcomes in order to understand the role of regional anesthesia and analgesia beyond pain management, in terms of improvement of patient outcome and quality of life focalizing our attention also on new therapeutical protocols (as NONA technique) or regional anesthesia techniques (as intrawound catheters and TAP blocks). The main purpose is to enforce the idea that Regional Anesthesia is not simply a technique to control pain but a perioperative technique to obtain a better patient recovery and outcome and to reduce chronic postoperative pain.

We hope that you will enjoy the meeting and we are looking forward to seeing you in Pavia!

PRELIMINARY FACULTY

ALLEGRI MASSIMO

University of Pavia-Fondazione IRCCS Policlinico San Matteo, Pavia, Italy.

AMATO FRANCESCO

Cosenza Hospital, Cosenza, Italy.

ASENJO J. FRANCISCO

McGill University Health Center, Montreal, Canada.

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BELFER INNA

University of Pittsburgh, Pittsburgh, USA

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Northwestern University Feinberg School of Medicine (NUFSM), Chicago, USA.

BERTINI LAURA

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BUGADA DARIO

Fondazione IRCCS Policlinico San Matteo, Pavia, Italy.

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CATA JUAN PABLO

The University of Texas-MD Anderson Cancer Center, Houston, TX, USA.

CERVERO FERNANDO

McGill University, Montreal, Canada.

CLARK MICHAEL R.

The Johns Hopkins Medical Institutions, Baltimore, USA.

CRUCCU GIORGIO

University La Sapienza, Rome, Italy.

CURATOLO MICHELE

University of Bern, Switzerland.

DANELLI GIORGIO

University of Parma, Italy.

DE ANDRÉS JOSÈ

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DE GREGORI MANUELA

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DE GREGORI SIMONA

Fondazione IRCCS Policlinico San Matteo, Pavia, Italy.

DESMEULES JULES

Geneva University Hospitals, Geneva University, Switzerland.

DIATCHENKO LUDA

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FANELLI GUIDO

University of Parma, Italy.

FILLINGIM ROGER B.

University of Florida, Gainesville, Florida, USA.

FINI MASSIMO

San Raffaele La Pisana - Roma, Italy.

GHARIBO CHRISTOPHER

Johns Hopkins University, Baltimore, USA.

GOTTUMUKKALA VIJAYA

The University of Texas MD Anderson Cancer Center, Houston, USA.

PRELIMINARY FACULTY

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IRCCS Policlinico San Donato, Milan, Italy.

HUNTOON MARC

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HURSCHMAN ALAN

Plaza Medical Center Fort Worth Texas and Health South Rehabilitation Hospital Fort Worth, Texas, USA.

INGELMO PABLO

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KLEPSTAD PAL

Norwegian University of Science and Technology, Trondheim, Norway.

LAVAND'HOMME PATRICIA

St Luc Hospital UCL Medical School, Brussels, Belgium.

LINDEROTH BENGT

Karolinska University Hospital-Karolinska Institutet, Stockholm, Sweden.

MAIXNER WILLIAM

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MARIANO EDWARD R.

Stanford University School of Medicine; VA Palo Alto Health Care System, California, USA

MELOTTI RITA

University of Bologna, Italy.

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VAN BUYTEN J. PIERRE

AZ Nikolaas, Sint Niklaas, Belgium.

PRESIDENTS

OPIOIDS MEDICAL WORKSHOP
EVIDENCE BASED PREDICTION FOR
OPIOID USE: BENCH AND CLINIC

**MANUELA DE GREGORI, LUDA DIATCHENKO,
INNA BELFER**

MORNING

CHAIRMEN

9.30 -10.00

LUDA DIATCHENKO, MANUELA DE GREGORI

JEFFREY MOGIL

How animal model could teach us opioid activity and its genetic variability response

10.00 -10.30

RICHARD H. GRACELY

Endogenous opioid system driven placebo

10.30 -11.00

LUDA DIATCHENKO

Genetic Architecture of mu-Opioid Gene Locus and Responses to Opioids

11.00 - 11.30

COFFEE BREAK SESSION

NOME ?

Titolo ?



LATE MORNING

CHAIRMEN

11.30 -12.00

MICHELE CURATOLO, INNA BELFER

CHRISTOPH STEIN

Peripherally acting opioids and clinical implications for pain control

12.00 -12.30

PAL KLEPSTAD

Pharmacokinetics of opioids

12.30 -1.00

ROGER B. FILLINGIM

Male and female: differences in opioid response and pain perception

13.00 - 14.15

LUNCH SESSION

NOME ?

Titolo ?



AFTERNOON

CHAIRMEN

14.15 -14.45

WILLIAM RAFFAELI, PAL KLEPSTAD

RALF BARON

Tapentadol: two mechanisms of action: a new pharmacological class on the horizon?

14.45 -15.15

MASSIMO ALLEGRI

Oxycodone and naloxone: a new combination for a better pain control

15.15 -15.45

WILLIAM MAIXNER

Theory of opioid tolerance

15.45 -16.15

JULES DESMEULES

Opioid rotation from theory to practice

16.30 -17.30

MODERATORS

Poster 1-12

POSTER DISCUSSION

JUAN PABLO CATA, MANUELA DE GREGORI

PABLO INGELMO

Poster 13-23

MICHAEL R. CLARK, JOSE DE ANDRES

CRISTINA E. MINELLA

PRESIDENTS

**CHRONIC PAIN MEDICAL WORKSHOP
FROM BENCH TO DIAGNOSIS TO TREATMENT**
CRISTINA ERMANNA MINELLA, ROBERT TAYLOR

MORNING

CHAIRMEN

CHRISTOPHER GHARIBO
CRISTINA ERMANNA MINELLA

9.30 -10.00

CHRISTOPHER GHARIBO
Chronic pain: several underlying mechanisms that need multimodal approaches

10.00 -10.30

MICHAEL R. CLARK
Centrally acting drugs and dependence circuits: clinical point of view

10.30 -11.00

ROBERT B. RAFFA
Drug-drug combinations in the management of chronic pain

11.00 - 11.30

COFFEE BREAK SESSION

NOME ?
Titolo ?



LATE MORNING

CHAIRMEN

MARK SCHUMACHER
CRISTINA ERMANNA MINELLA

11.30 -12.00

WILLIAM SCHMIDT
NSAID's and acetaminophen: which role in chronic pain management?

12.00 -12.30

CHRISTOPHER GHARIBO
Breakthrough Pain: how to effectively treat. New old drugs with different pharmacokinetic approaches

12.30 -13.00

RALF BARON
Localized neuropathic pain and topical therapeutical approach

13.00 - 14.15

LUNCH SESSION

NOME ?
Titolo ?



AFTERNOON

CHAIRMEN

PHILIP PENG, FRANCESCO AMATO

Practical overview of interventional pain management techniques: "What the everyday interventionist needs to know."

14.45 -15.15

HONORIO BENZON
Radiofrequency in interventional pain management techniques: which is the evidence?

15.15 -15.45

JEAN PIERRE VAN BUYTEN
Spinal cord stimulation and new neuromodulation algorithms to pain

15.45 -16.15

BENGT LINDEROTH
Pharmacological enhancement of spinal stimulation

16.30 -17.30

MODERATORS

POSTER DISCUSSION

Poster 1-12

**JUAN PABLO CATA, MANUELA DE GREGORI
PABLO INGELMO**

Poster 13-23

**MICHAEL R. CLARK, JOSE DE ANDRES
CRISTINA E. MINELLA**

PRESIDENTS

**REGIONAL ANESTHESIA AND
ANALGESIA MEDICAL WORKSHOP
BEYOND PAIN CONTROL OUTCOMES**

DARIO BUGADA, JUAN PABLO CATA

REGIONAL ANESTHESIA AND OUTCOME

MORNING

CHAIRMEN

9.30 -10.00

DARIO BUGADA, EDWARD R. MARIANO

MARC HUNTOON
Regional Anesthesia: Why must I choose it?

10.00 -10.30

JUAN PABLO CATA
Regional anesthesia-analgesia and immunological effects

10.30 -11.00

JUAN PABLO CATA
Regional anesthesia and cancer recurrence.
Is there any clinical evidence?

11.00 - 11.30

COFFEE BREAK SESSION

NOME ?
Titolo ?



LATE MORNING

CHAIRMEN

11.30 -12.00

PATRICIA LAVAND'HOMME, GIORGIO DANELLI

FRANCO CARLI
Role of regional anesthesia in fast track surgery. Beyond the pain

12.00 -12.30

EDWARD MARIANO
Ultrasound block in regional anesthesia: what is the evidence?

12.30 -13.00

VIJAYA GOTTUMUKKALA
NONA technique: rational, results and perspectives

13.00 - 14.15

LUNCH SESSION

NOME ?
Titolo ?



**REGIONAL ANESTHESIA AND
ANALGESIA: TOO MANY TECHNIQUES,
DIFFERENT OUTCOMES**

AFTERNOON

CHAIRMEN

JUAN PABLO CATA, DARIO BUGADA

PRO CON: seeking the gold standard:
Is there an alternative to epidural block?

14.15 -14.40

JUAN FRANCISCO ASENJO
Paravertebral block

14.40 -15.05

JUAN PABLO CATA
TAP block

15.05 -15.30

PATRICIA LAVAND'HOMME
Intrawound catheter infusion

15.30 -15.55

WILLIAM URMEY
Peripheral nerve blocks

15.55 -16.25

JOSÉ DE ANDRÉS
Regional anesthesia and analgesia and mortality.
Is this the real important outcome?

16.30 -17.30

MODERATORS
Poster 1-12

POSTER DISCUSSION

**JUAN PABLO CATA, MANUELA DE GREGORI
PABLO INGELMO**

Poster 13-23

**MICHAEL R. CLARK, JOSE DE ANDRES
CRISTINA E. MINELLA**

17.00 – 19.00

17.30 – 18.00

18.00 – 19.30

19.30 – 20.30

FRIDAY 22 MARCH 2013

OPENING CEREMONY

AUTHORITIES WELCOME

LECTIO MAGISTRALIS

FERNANDO CERVERO

IASP President

Pain: friend or foe? A Neurobiologic perspective

MARC HUNTOON

*Editor-In-Chief for Regional Anesthesia
and Pain Medicine journal*

Medical Publishing in Pain: Future Directions

PHILIP PENG

*Associate Professor Department of Anesthesia,
Toronto Western Hospital, University Health Network,
University of Toronto, Ontario, Canada*

Ultrasound and chronic pain: a new era?

WELCOME COCKTAIL



**FROM BENCH TO BEDSIDE
PAIN: NEW PERSPECTIVES**

**MORNING
CHAIRMEN**

9.15 - 9.45

FERNANDO CERVERO, MASSIMO ALLEGRI

ANTONELLO BONCI
Optogenetic to understand pain

9.45 - 10.15

MICHELE CURATOLO
Altered central pain processing: current status of translational research

10.15 - 10.45

ENNIO TASCIOTTI
Treating pain: a task force of engineers and anesthesiologists – nanotechnologies!

10.45

DISCUSSION

11.00 - 11.30

COFFEE BREAK SESSION
NOEMI VICCHIO, VALERIA MOSSETTI
Lidocaine and tetracaine patch: a new drug for procedural pain in children



**ACUTE PAIN: A BETTER UNDERSTANDING
FOR A COMPREHENSIVE MANAGEMENT**

**LATE MORNING
CHAIRMEN**

11.30 - 12.00

GUIDO FANELLI, JOSE DE ANDRES

MARGARITA PUIG
Posotoperative Latent Pain Sensitisation

12.00 - 12.30

EDWARD MARIANO
How we can prolong at home postoperative analgesia

12.30 - 13.00

MARK SCHUMACHER
Mechanisms of chronification of acute into chronic pain

13.00 - 14.15

LUNCH SESSION

LORENZO COBIANCHI
Surgeon, Fondazione IRCCS Policlinico San Matteo
Pavia, Italy

Respiratory compromise: a new device for a better postoperative monitoring

FEDERICA JANEKE
Biomedical Engineer, European Product Director, Covidien
Can a single sensor make the difference?



**CHRONIC PAIN: HOT TOPICS OF
A CHALLENGING PROBLEM AFTERNOON**

**AFTERNOON
CHAIRMEN**

14.15 - 14.45

FRANCISCO J. ASENJO, ROBERT B. RAFFA

MASSIMO FINI
Pain in the elderly

14.45 - 15.15

GIORGIO CRUCCU
Neuropathic pain: a challenging entity with complex mechanisms

15.15

DISCUSSION

15.30

COFFEE BREAK

**LATE AFTERNOON
CHAIRMEN**

15.45 - 16.15

FRANCISCO J. ASENJO, PAOLO GROSSI

HONORIO BENZON
Steroids injections in chronic spinal pain: indications, effectiveness and safety

16.15 - 16.45

JOSÉ DE ANDRÉS
Possibility of particulated steroids injection for selective root blocks in the cervical and lumbar regions: Anatomical study

16.45

**WINNER OF YOUNG RESEARCHER
ROBIN CHRISTENSEN**
The Parker Institute, Department of Rheumatology,
Copenhagen University Hospital, Frederiksberg,
Copenhagen F, Denmark

Survival on controlled-release (CR) Morphine versus CR Oxycodone in Opioid-naïve patients with non-malignant pain: data from danish national health registers



GENERAL INFORMATION

CONGRESS VENUE

Università degli Studi di Pavia

REGISTRATION FEE VAT INCLUDED

BEFORE NOVEMBER 30TH 2012

MEDICAL DOCTORS

Only Plenary Session

€ 220,00

Plenary Session + 1 Workshop

€ 363,00

RESIDENTS Free

AFTER NOVEMBER 30TH 2012

MEDICAL DOCTORS

Only Plenary Session

€ 290,00

Plenary Session + 1 Workshop

€ 470,00

RESIDENTS Free

REGISTRATION FEE INCLUDES

Scientific program, Proceedings in "European Journal of Pain Supplements", Welcome cocktail, Congress Bags, Coffee Breaks and Lunches.

REGISTRATION ON LINE

www.simpar.it

CANCELLATION POLICY

Fees for registration will be refunded in full if written notice cancellation is received by February 1st, 2013.

No refund will be given for cancellation received after February 1st, 2013 or if you register but fail to attend.

Please send your written cancellation request to elisabetta.rosetti@fedracongressi.com

ABSTRACT SUBMISSION

Deadline of abstract presentation is **15th November 2012**. Please submit it online on www.simpar.it. An international panel will review the submitted abstracts. The selected abstracts will be presented as posters and will be published on "European Journal of Pain Supplements". **The best abstract of a young researcher (<40 years old) will be awarded with the possibility to give a short presentation at the end of the Plenary Session on March 23rd.**

GENERAL INFORMATION

SIMPAR 2013 will be accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

The EACCME is an institution of the European Union of Medical Specialists (UEMS): www.uems.net

EACCME credits are recognized by the American Medical Association towards the Physician's Recognition Award (PRA). To convert EACCME credit to AMA PRA Category 1 Credit™, contact the AMA or download the application for credit conversion at: www.ama-assn.org/resources/doc/cme/eaccme_creditfrm.pdf

Royal College of Physicians and Surgeons of Canada The UEMS/EACCME has agreements based on the mutual recognition of credit points with the Royal College of Physicians and Surgeons of Canada for live educational events. You may submit your CME certificate directly for credit recognition of this accredited group learning activity (section 1) as defined by the Maintenance of Certification program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: www.royalcollege.ca

March weather is notoriously capricious. However, days are getting longer and March 21st officially marks the start of spring and it's not uncommon for late March weather to be warm and sunny. Temperature in March in Pavia are 20° max - 5°C min..

Pavia is a small town located in North Italy, 30 kms south of Milan. It is situated on the railway connecting Milano to Genova and very close to the highways connecting Milano to Genova (A7) and Torino to Piacenza (A21).

By plane

You can fly to one of Milan's three airports: Linate (50 km from Pavia), Malpensa (90 km from Pavia) or Orio al Serio (70 km from Pavia). If you arrive to Linate airport, the cheapest and easiest way to reach Pavia is to take one of the direct shuttle buses. It takes 60 minutes. Look at the Timetable on <http://www.migliavaccabus.it/index.php/collegamenti-aeroporti>

CME ACCREDITATION

CLIMATE

HOW TO REACH PAVIA



GENERAL INFORMATION

Look for MIGLIAVACCA buses platform (arrivals – exit no 7). You can buy the ticket on the bus. Alternatively, you can take a bus to Milan's central railway station (Stazione Centrale) or a taxi, which is however an expensive choice. Both alternatives will take about 30 min. From Milan's central railway station, you can take a train to Pavia. The Milan-Pavia train ride takes 30-40 min. (<http://www.trenitalia.it>) If you arrive at Malpensa airport, you can take a train <http://www.malpensaexpress.it> that leaves every 30 minutes to Cadorna station in Milan (duration: 40 min). Cadorna station in Milan is on the same underground line as the Milan central station (green line).

From Milan's central railway station you can take a train to Pavia. You can also take a Shuttle Bus to the Central Railway Station. Tickets can be bought in the Airporthall near the exits to the bus lines. (<http://www.malpensashuttle.it>) Taxis (an expensive option) are also available from Malpensa to Milan's central station. If you arrive at Orio al Serio airport, you can take one of the 25 daily runs from 8.30 am to 12.30 pm direct to Milan's central railway station. From Milan's central station, you can take a train to Pavia. The Milan-Pavia train ride takes 30-40 minutes (<http://www.trenitalia.it>).

By train

Most European cities are connected to Milan's central railway station by direct trains. You can take a train from Milan's central station directly to Pavia (direction to Genova). The train ride from Milan to Pavia takes about 30-40 minutes. (<http://www.trenitalia.it>) for timetables and also to purchase tickets.

By car

You can take motorway A7 (pay toll), exiting at Bereguardo (Pavia North). You will find yourself on a free motorway that will take you straight to Pavia (10 km from Bereguardo). Follow the signs to Pavia centro / stazione and then for the University. A detailed map of Pavia is available here:

<http://www.comune.pv.it/cartine/mappa.htm>



GENERAL INFORMATION

ACCOMMODATION

The Organizing Secretariat **Fedra Congressi** has reserved rooms in several hotels in the Historical Centre of Pavia, walking distance from the Congress Venue. Please make your request as soon as possible and within **February 15th, 2013**, so that your requirements can be met. If the preferred hotel category is fully booked, the Organizing Secretariat will offer you another available alternative.

Hotel Moderno ****

Single Room	€ 115,00
Double Room Single Use	€ 125,00
Double Room	€ 150,00

Hotel Rosengarten ***

Single Room	€ 80,00
Double Room Single Use	€ 100,00
Double Room	€ 110,00

Hotel Excelsior ***

Single Room	€ 80,00
Double Room Single Use	€ 90,00
Double Room	€ 105,00

Rates are buffet breakfast and taxes included.

Fedra Congressi

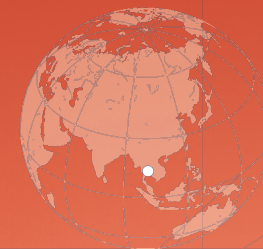
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ORGANIZING SECRETARIAT

IV nWac 2013

World Anesthesia Convention

Bangkok, Thailand, April 23-27, 2013



SAVE THE DATE

Abstract Topics:

- Anesthesiology
- Intensive Care
- Regional Anesthesia
- Pain Medicine
- Emergency Medicine
- Obstetrics
- Ambulatory Anesthesia
- Pharmacology
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- Military Medicine
- Trauma
- Patient Safety
- Ultrasonography
- Medical Technology
- Research and Innovation



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