# ROME APRIL 7-9 2016 VII SIMPAR VILLA PICCOLOMINI



## PRESIDENTS

Massimo Allegri University of Parma, Italy **Giorgio Cruccu** University La Sapienza, Rome, Italy Inna Belfer McGill University Health Center, Montreal, Canada





## **ORGANIZING SECRETARIAT**

Fedra Congressi

Viale dei SS. Pietro e Paolo, 23 00144 Rome Italy Tel +39 06.52247328 Fax +39 06.5205625 info@fedracongressi.com

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# SCIENTIFIC **COMMITTEE**

# LOCAL SCIENTIFIC COMMITTEE

Juan Francisco Asenjo	McGill University Health Center, Montreal, Canada	
Inna Belfer	McGill University Health Center, Montreal, Canada	
Juan Pablo Cata	The University of Texas-MD Anderson Cancer Center, Houston, TX, USA	
Josè De Andrès	Valencia School of Medicine-Valencia General University Hospital, Valencia, Spain	
Manuela De Gregori	Fondazione IRCCS Policlinico San Matteo, Pavia, Italy	
Luda Diatchenko	McGill University Health Center, Montreal, Canada	
Christopher Gharibo	NYU Langone Medical Center, New York	
Vijaya Gottumukkala	The University of Texas MD Anderson Cancer Center, Houston, USA	
Pablo M. Ingelmo	McGill University Health Center, Montreal, Canada	
Troels Staehelin Jensen	Aarhus University Hospital, Denmark	
Patricia Lavand'homme	St Luc Hospital UCL Medical School, Brussels, Belgium	
Per-Arne Lönnqvist	Karolinska Institutet, Stockholm, Sweden	
Edward Mariano	Stanford University School of Medicine; VA Palo Alto Health Care System, California, USA	

Marco Baciarello	University of Parma, Italy
Dario Bugada	Azienda Ospedaliero Universitaria di Parma, Italy
Flaminia Coluzzi	University La Sapienza, Rome, Italy
Christian Compagnone	Azienda Ospedaliero Universitaria di Parma, Italy
Andrea Fanelli	Ospedale Sant'Orsola Bologna, Italy
Maurizio Marchesini	Azienda Ospedaliero Universitaria di Parma, Italy
Cristina Minella	Fondazione IRCCS Policlinico San Matteo, Pavia, Italy
Andrea Truini	University La Sapienza, Rome, Italy Dipartimento di Neurologia e Psichiatria

# 2016 **FACULTY**

Francisco Asenjo	McGill University Health Center, Montreal, Canada	
Gabriele Baldini	McGill University Health Center, Montreal, Canada	
Ralf Baron	Division of Neurological Pain Research and Therapy Universitaetsklinikum Schleswig-Holstein, Kiel, Germany	
Inna Belfer	McGill University Health Center, Montreal, Canada	
Charles Berde	Boston Children's Hospital, USA	
Antonello Bonci	National Institute on Drug Abuse, Baltimore, USA	
Juan Cata	The University of Texas - MD Anderson Cancer Center, Houston, TX, USA	
Michele Curatolo	Department of Anesthesiology and Pain Medicine, University of Washington, Seattle, WA.	
Giorgio Cruccu	University La Sapienza, Rome, Italy	
José De Andrés	Valencia School of Medicine-Valencia General University Hospital, Valencia, Spain	
Luda Diatchenko	McGill University Health Center, Montreal, Canada	
James Eisenach	Wake Forest University	
Andrea Fanelli	Anesthesia and Intensive Care Unit, Policlinico S. Orsola-Malpighi, Bologna, Italy	
Christopher Gharibo	NYU Langone Medical Center, New York	
Vijaya Gottomukkala	The University of Texas MD Anderson Cancer Center, Houston, USA	
Pablo M. Ingelmo	McGill University Health Center, Montreal, Canada	
Troels S. Jensen	Aarhus University Hospital, Denmark	
Leo Kapural	Center for Clinical Research and Carolina's Pain Institute at Brookstown, Wake Forest Baptist Health, Winston-Salem, North Carolina, USA	
Henrik Kehlet	Copenhagen University, Denmark	
Hans Kress	Medical University / AKH Vienna, Department of Special Anaesthesia and Pain Therapy	
Gordan Lauc	Genos Glycoscience Research Laboratory, Zagreb, Croatia	
Patricia Lavand'homme	St Luc Hospital UCL Medical School, Brussels, Belgium	
Giuseppe Lippi	Azienda Ospedaliero-Universitaria di Parma, Italy	

Per-Arne Lönnqvist	Karolinska Institutet, Stockholm, Sweden	
Edward Mariano	Stanford University School of Medicine-VA Palo Alto Health Care System, California, USA	
Stavros G. Memtsoudis	Department of Anesthesiology, Hospital for Special Surgery, Weill Cornell Medical College, New York, NY, USA	
Bart Jan Morlion	University Hospitals Leuven, Belgium	
Ferdinando Nicoletti	University La Sapienza, Rome, Italy	
Stefano Palmisani	Guy and St. Thomas NHS Foundation Trust, London, UK	
Philip Peng	Toronto Western Hospital-University Health Network, University of Toronto, Ontario, Canada	
Alberto Prats	Galino University of Barcelona, Spain	
Richard Rauck	Carolinas Pain Institute, Wake Forest University, Winston-Salem, North Carolina, USA	
Miguel Reina	Universidad San Pablo CEU, Madrid	
Mark Schumacher	UCSF School of Medicine and medical Center San Francisco, USA	
Ennio Tasciotti	The Methodist Hospital Research Institute, Houston, USA	
Thomas R. Tölle	Technical University of Munich, Germany	
Andrea Truini	Università Sapienza di Roma, Dipartimento di Neurologia e Psichiatria	
Jean Pierre Van Buyten	AZ Nikolaas, Sint Niklaas, Belgium	
Ron Van Schaik	Dept. Clinical Chemistry - Erasmus MC Rotterdam	
Jan Van Zundert	Hospital Oost-Limburg, Genk, Belgium	
Kris Vissers	Radboud University Nijmegen Medical Centre, Netherlands	
Mark Ware	McGill University Health Centre, Montreal, Canada	
Matthew Walker	London University College Hospital, UK	
Suellen Walker	GOSH/Institute of Child Health, UCL, London	
Hans Wiksell	Institution of Surgical Science Karolinska hospital, Sweden	
Rikard Wicksell	PhD, Clinical director of Behavioural Pain Medicine, Pain Center, Karolinska University Hospital-Solna	
	Pairi Center, Karoliniska Oniversity Hospital-Soliia	

# THURSDAY, APRIL 07, 2016 • SALA TOFANO STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

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## 10:30 - 16:30 ??? SESSIONE: PRE-CONGRESS COURSE

TBD



#### 16:00 - 16:30

Telomerase activity and new biomarkers to detect pain and pain-related stress GIUSEPPE LIPPI

### 16:30 - 17:00

X chromosome and pain INNA BELFER

## 17:00 - 17:30

Opioids and chronic pain: to be or not to be? BART JAN MORLION

17:30 - 18:00 **TBD** 

18:00 - 18:30 Young Researcher award and YAP Award

18:45 - 21:00 Welcome Cocktail

## FRIDAY, APRIL 08, 2016 • SERRA DE BERARDINIS STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

#### 9:30 - 11:00 *Chairman:* GIORGIO CRUCCU **PAIN AND BASIC SCIENCE**

9:30 - 9:50 Basic Science Traslational Science Clinic - Locus coeruleus: how to see its activity and to objectivate pain JAMES EISENACH

9:50 - 10:10 Traslational - QST and LEP and clinical practice GIORGIO CRUCCU

10:10 - 10:30 Clinical - Pharmacogenetics: how to determine drug response RON VAN SCHAIK

10:30 - 11:00 Discussion: how we can change our daily practice

11:00 - 11:30 Coffee Break

11:30 - 13:00 *Chairman:* TROELS STAEHELIN JENSEN **NEUROPATHIC PAIN** 

11:30 - 11:50 Basic Science Traslational Science Clinic - Neuropathic pain as part of chronic widespread pain: environmental and genetic influences TBD

11:50 - 12:10 **Traslational - Neurophysiological diagnosis and prognosis** TROELS STAEHELIN JENSEN

12:10 - 12:30 **Clinical - Topical treatment of neuropathic pain** HANS G. KRESS

12:30 - 13:00 Discussion: how we can change our daily practice 13:00 - 14:30 Lunch

14:30 - 16:10 **FIBROMYALGIA** 

> 14:30 - 14:50 Basic Science Traslational Science Clinic - Biomarkers of nociceptive processes for musculoskeletal pain MICHELE CURATOLO

14:50 - 15:10 **Traslational - Fibrodetect screening tool** RALF BARON

15:10 - 15:30 **Clinical - Gabapentin and fibromyalgia** THOMAS TOELLE

15:30 - 15:50 Clinical - Paracetamol - still an option or a no-go? HANS G. KRESS

15:50 - 16:10 Discussion: how we can change our daily practice

16:10 - 16:30 *Coffee Break* 

# FRIDAY, APRIL 08, 2016 • SERRA DE BERARDINIS STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

#### 16:30 - 18:00 *Chairman:* MASSIMO ALLEGRI **A MULTIDISCIPLINARY WAY TO APPROACH CHRONIC PAIN**

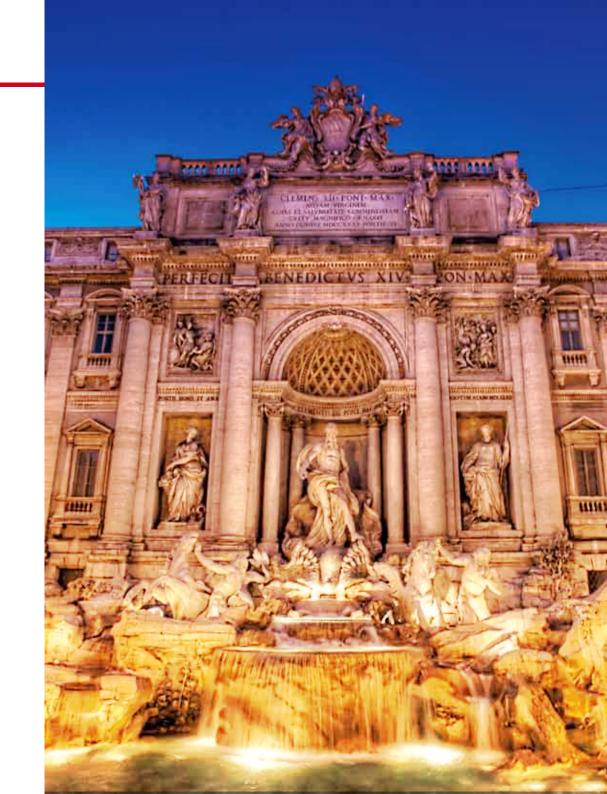
16:30 - 16:50 Basic - Optogenetics: a new tool to discriminate pain – focus on clinical implications ANTONELLO BONCI

#### 16:50 - 17:10

Traslational - ACT, behavioral flexibility and neuroscience: What is the role and influence of brain activity patterns, inflammatory cytokines and executive functions for behavior RIKARD WICKSELL

17:10 - 17:30 **TBD** 

17:30 - 18:00 Discussion: how we can change our daily practice



# FRIDAY, APRIL 08, 2016 • SALA TOFANO STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

# FRIDAY APRIL 08, 2016 • SALA TOFANO STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

## 9:30 - 11:00 *Chairman:* JOSÈ DE ANDRÈS

#### THE NERVE - AN HOLISTIC VIEW TO UNDERSTAND ITS FUNCTIONALITY, AND HOW TO HANDLE IT DURING TREATMENTS

9:30 - 9:50 Understanding the functionality of the nerve from a microscopic perspective. MIGUEL REINA

9:50 - 10:10 **3D reconstruction of intraneural fascicular plexus** ALBERTO PRATS

10:10 - 10:30 Influence of laboratory findings on clinical outcomes JOSÈ DE ANDRÈS

10:30 - 11:00 Discussion: how we can change our daily practice

11:00 - 11:30 Coffee Break

#### 11:30 - 13:00 INFLAMMATION AND STEROIDS

11:30 - 11:50 **Pain as immune suppressor** VIJAYA GOTTUMUKKALA

11:50 - 12:10 Steroids: influence on hyperalgesia and neuropathic postoperative pain PATRICIA LAVAND'HOMME

12:10 - 12:30 High dose perioperative steroids: implications on rehabilitation and surgical outcome HENRIK KEHLET

12:30 - 13:00 Discussion: how we can change our daily practice

13:00 - 14:30 Lunch

# FRIDAY, APRIL 08, 2016 • SALA TOFANO STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

14:30 - 16:00 Chairman: PATRICIA LAVAND'HOMME REGIONAL ANESTHESIA: HOW TO BLOCK THE NERVE

14:30 - 14:50 New results on nanocaine 2.0 ENNIO TASCIOTTI

14:50 - 15:10 Periopertive Surgical Home and the Integral Role of Pain Medicine EDWARD MARIANO

15:10 - 15:30 Peripheral nerve blocks also in bilateral TKA STAVROS G. MEMTSOUDIS

15:30 - 16:00 Discussion: how we can change our daily practice

16:00 - 16:30 *Coffee Break* 

16:30 - 18:00 *Chairman:* INNA BELFER **CHRONIC POSTOPERATIVE PAIN** 

16:30 - 16:50 Genetics and chronic postoperative pain INNA BELFER

16:50 - 17:10 How to measure daily activity and chronic postoperative pain JAMES EISENACH

17:10 - 17:30 Do anticonvulsivants provide clinical benefit in acute pain and prevent chronification? CHRISTOPHER GHARIBO

17:30 - 18:00 Discussion: how we can change our daily practice



#### 9:30 - 11:00 **PEDIATRICS**

9:30 - 9:45 Long lasting local anesthetics CHARLES BERDE

#### 9:45 - 10:00

Using ACT to improve behavioral flexibility and functioning in children and adolescents with chronic debilitating pain RICKARD WIKSELL

10:00 - 10:15 Sensory outcomes after early life injury SUELLEN WALKER

10:15 - 10:30 **New platform for transcutaneous drug delivery in children** PER-ARNE LONNQVIST

10:30 - 11:00 Discussion: how we can change our daily practice

11:00 - 11:30 Coffee Break

#### 11:30 - 13:00 **PEDIATRICS**

11:30 - 11:45 **TBD** CHARLES BERDE

11:45 - 12:00 Effects of pain exposure in early life: clinical data from the EPICure preterm cohort SUELLEN WALKER

#### 12:00 - 12:15 Effects of pain exposure in early life: laboratory evaluation of mechanisms SUELLEN WALKER

12:15 - 12:30 Cannabinoids or CRPS or functional pain PABLO INGELMO

12:30 - 13:00 Discussion: how we can change our daily practice

13:00 - 14:30 Lunch

# FRIDAY, APRIL 08, 2016 • SALA VALORI PANELLI STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

#### 14:30 - 16:10 PRO-CON EPIDURAL STEROIDS -SORTING THROUGH THE STEROID CONTROVERSY

Registrations for the PRO-CON sessions are free and only open to the first 50 members

14:30 - 14:50 What is the best steroid to inject epidurally? Particulate steroid CHRISTOPHER GHARIBO

14:50 - 15:10 What is the best steroid to inject epidurally? Dexamethasone LEO KAPURAL 15:10 - 15:30 Paravertebral JUAN FRANCISCO ASENJO

15:30 - 15:50 **Epidural** JOSÈ DE ANDRÈS

15:50 - 16:10 Discussion: how we can change our daily practice

16:10 - 16:30 Coffee Break

16:30 - 18:00 PRO-CON SESSION: RADIOFREQUENCY COOLED VS THERMAL

Registrations for the PRO-CON sessions are free and only open to the first 50 members

16:30 - 16:50 **Cooled** LEO KAPURAL

16:50 - 17:10 **Continuous** STEFANO PALMISANI

17:10 - 17:30 **Pulsed** JAN VAN ZUNDERT

17:30 - 18:00 Discussion: how we can change our daily practice



#### 9:30 - 11:00 *Chairman:* GIORGIO CRUCCU **INTERVENTIONAL PAIN MANAGEMENT**

#### 9:30 - 9:50

Basic - Refractory Chronic Pain Screening Tool (RCPST): a feasibility study to assess practicality and validity of identifying potential neurostimulation candidates. GIORGIO CRUCCU

#### 9:50 - 10:10

Traslational - Stimulation of the dorsal root ganglion an evidence based alternative to spinal cord stimulation in the treatment of neuropathic conditions JEAN-PIERRE VAN BUYTEN

10:10 - 10:30 Clinical - High frequency LEO KAPURAL

10:30 - 10:50 Clinical - Evidence based approach in diagnosing and treating low back pain JAN VAN ZUNDERT

10:50 - 11:00 Discussion: how we can change our daily practice

11:00 - 11:30 Coffee Break 11:30 - 13:00 *Chairman:* LUDA DIATCHENKO **DISCOGENIC PAIN** 

11:30 - 11:50 Basic - Genetics and chronic pain LUDA DIATCHENKO

#### 11:50 - 12:10

Traslational - Vertebral Endplate (Modic) Change is an Independent Risk Factor for Episodes of Severe and Disabling Low Back Pain.

### 12:10 - 12:20

Clinical - Discogenic pain: which evidence based treatment RICHARD RAUCK

### 12:20 - 12:30

Clinical - Epiduroscopy: a diagnostic or operative procedure? STEFANO PALMISANI

#### 12:30 - 13:00

Discussion: how we can change our daily practice

13:00 - 14:30 Lunch

## SATURDAY, APRIL 09, 2016 • SERRA DE BERARDINIS STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

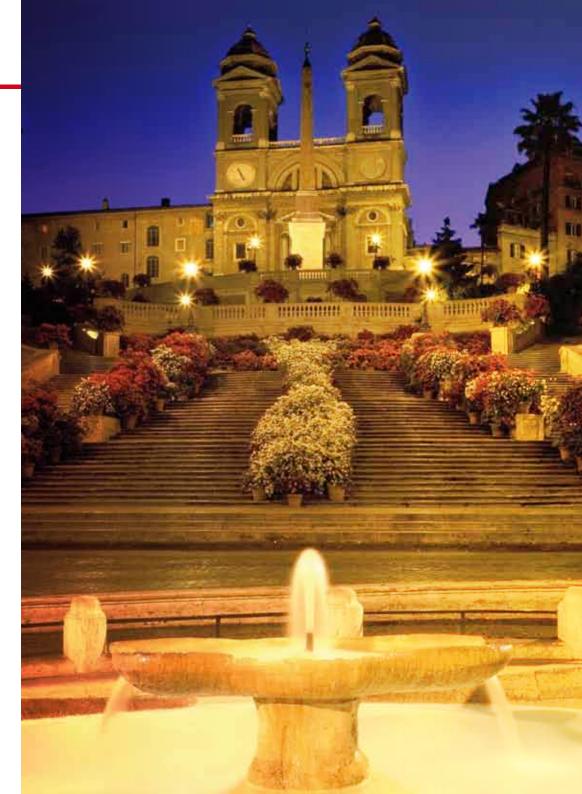
14:30 - 16:00 *Chairman:* JOSÈ DE ANDRÈS **LOW BACK PAIN** 

14:30 - 14:50 Basic - Effect of minocycline on lumbar radicular neuropathic pain KRISS VISSERS

14:50 - 15:10 Translational - Cannabinoids and low back pain MARK WARE

15:10 - 15:30 Clinical - Ultrasound in the diagnosis and treatment of chronic pain

15:30 - 16:00 Discussion: how we can change our daily practice



## SATURDAY, APRIL 09, 2016 • SALA TOFANO STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

#### 9:30 - 11:00 *Chairman:* JUAN FRANCISCO ASENJO **ONCOLOGICAL NEUROPATHIC PAIN**

9:30 - 9:50 The anticancer antibiotic mithramycin-A inhibits TRPV1 expression in dorsal root ganglion neurons. MARK SCHUMACHER

9:50 - 10:10 Surgically induced Neuropathic Pain in Cancer JUAN FRANCISCO ASENJO

10:10 - 10:30 **Mini-invasive treatment in cancer pain** KRISS VISSERS

10:30 - 11:00 Discussion: how we can change our daily practice

11:00 - 11:30 Coffee Break

#### 11:30 - 13:00 Chairman: VIJAYA GOTTUMUKKALA CANCER ANESTHESIA - CURRENT STATUS AND FUTURE PHILOSOPHY

11:30 - 11:50 Glicoproteins and inflammation... glycomics GORDAN LAUC

11:50 - 12:10 Immunonutrition JUAN PABLO CATA 12:10 - 12:30 Fast Track Surgery in cancer Surgery GABRIELE BALDINI

12:30 - 13:00 Discussion: how we can change our daily practice

13:00 - 14:30 Lunch

14:30 - 16:00 *Chairman:* TROELS STAEHELIN JENSEN **NEUROLOGY** 

14:30 - 14:50 New drugs for treating neuropathic pain. Evidence from animal studies FERDINANDO NICOLETTI

14:50 - 15:10 How diagnostic tests disclose a mechanism based approach to neuropathic pain ANDREA TRUINI

#### 15:10 - 15:30 Depotype stratification

Phenotype stratification for improving clinical trials in neuropathic pain

15:30 - 16:00

Discussion: how we can change our daily practice



# SATURDAY, APRIL 09, 2016 • SALA VALORI PANELLI STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

## SATURDAY, APRIL 09, 2016 • SALA VALORI PANELLI STUDY IN MULTIDISCIPLINARY PAIN RESEARCH

#### 9:30 - 11:00 PRO-CON REGIONAL ANESTHESIA IN ABDOMINAL SURGERY WHICH BLOCK?

Registrations for the PRO-CON sessions are free and only open to the first 50 members

9:30 - 9:50 **TAP BLOCK** GABRIELE BALDINI

19:50 - 10:10 General Anesthesia PATRICIA LAVAND'HOMME

10:10 - 10:30 Paravertebral block EDWARD MARIANO

11:00 - 10:30 Discussion: how we can change our daily practice

11:30 -11:00 Coffee Break 11:30 - 13:00 PRO-CON: NEUROPATHIC PAIN: CENTRAL OR PERIPHERAL

Registrations for the PRO-CON sessions are free and only open to the first 50 members

11:30 - 11:50 Evidence for a peripheral origin ANDREA TRUINI

11:50 - 12:10 Evidence for a central origin TROELS STAEHELIN JENSEN

12:10 - 12:40 Discussion: how we can change our daily practice

13:00 - 14:30 Lunch

14:30 - 15:30 **PRO-CON: OPIOIDS IN ACUTE PAIN** Registrations for the PRO-CON sessions are free and only open to the first 50 members

14:30 - 14:50 **PRO** ANDREA FANELLI

14:50 - 15:10 **CON** JUAN PABLO CATA

15:10 - 15:30 Discussion: how we can change our daily practice

# GENERAL INFORMATION **REGISTRATION**

## **VILLA PICCOLOMINI**

Via Aurelia Antica 164 · 00165 Rome · Italy

Registration fee Medical Doctors before October 15th, 2015	€	360,00
<i>Registration fee Medical Doctors before January 15th, 2016</i>	€	470,00
Registration fee Medical Doctors after January 15th, 2016	€	600,00
<i>Registration fee Nurse/Administrative Staff before October 15th, 2015</i>	€	180,00
Registration fee Nurse/Administrative Staff before January 15th, 2016	€	235,00
Registration fee Nurse/Administrative Staff after January 15th, 2016	€	300,00
Residents fee before October 15th, 2015	€	100,00
Residents fee before January 15th, 2016	€	121,00
Residents fee after January 15th, 2016	€	150,00

#### Rates are VAT included.

Registration fee includes Scientific program, Proceedings, Welcome cocktail, Congress Bags, Coffee Breaks and Lunches.

Registration online: **www.simpar.eu** 

Cancellation Policy Fees for registration will be refunded in full if written notice

cancellation is received by **february 1st 2016** 

No refund will be given for cancellation received after february 1st 2016  $\,$ 

or if you register but fail to attend.

Please send your written cancellation request to:

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