

Chairpersons

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Maria Luisa Scattoni

Neurotoxicology and Neuroendocrinology Section
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GENERAL INFORMATION

Venue

National Research Council (CNR)
Aula Convegni - Piazzale Aldo Moro, 7
00185, Rome, Italy

Number of seats available: 300

No Continuing Medical Education (CME) credits will be awarded for this event.

The event is supported by the Italian Ministry of Health Grant (GR3), Young
Researcher 2008, "Non-invasive tools for early detection of Autism Spectrum
Disorders".

Conference registration

Registration to this event is free.

The registration form can be filled at the website <http://www.ideacpa.com>
(Congressi section/ Conference "Non invasive tools for early detection of
Autism Spectrum Disorders")

The applications will be accepted until the Aula Convegni reaches full capacity.

Certificate of attendance

Certificates will be available upon request at the end of the event.

For any information regarding the event, please contact the Technical Secretariat.

Organizer

Maria Luisa Scattoni

Neurotoxicology and Neuroendocrinology Section,
Department of Cell Biology and Neuroscience
Istituto Superiore di Sanità

Technical Organization

Margherita Dell'Unto

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Istituto Superiore di Sanità

International Conference Non invasive tools for early detection of Autism Spectrum Disorders



October 16-17, 2014

Aula Convegni CNR
Piazzale Aldo Moro, 7
Roma

organized by
ISTITUTO SUPERIORE DI SANITÀ
Department of Cell Biology and Neuroscience
in collaboration with



Consiglio Nazionale delle Ricerche

Programme

October 16th, 2014

08.00 Registration

08.30 Welcome address
Beatrice Lorenzin
Ministry of Health

Angelo Lino Del Favero
General Director, Istituto Superiore di Sanità

Luigi Nicolais
President, National Research Council

Ottavio Zirilli
Head of the National Research Council Research Area

SESSION I: Main Lectures
Chair: **Maria Luisa Scattoni**

09.00 Autism Spectrum Disorder: facts, hypotheses and perspectives
Antonio M. Persico
University Campus Bio-Medico, Rome, Italy
Mafalda Luce Center for Pervasive Developmental Disorders, Milan, Italy

10.00 Charting the Typical and Atypical Development of the Social Brain
Kevin A. Pelphrey
Yale Child Study Center,
Yale University, New Haven, USA

11.00 Coffee break

11.30 Early Motor and Communicative Development in Typical and At-Risk Populations
Jana M. Iverson
Department of Psychology, University of Pittsburgh, USA

12.30 Lunch on your own

SESSION II: High risk Baby Siblings' Network
Chairpersons: **Gemma Calamandrei** and **Luigi Mazzone**

14.00 Neurobehavioral Indicators of Risk in Infants Later Diagnosed with Autism
Stephen J. Sheinkopf
Brown Medical School, Brown University, USA

14.45 Attentional abnormalities during the prodromal stage of ASD: Insights from high-risk baby sibling work
Suzanne Macari
Yale Child Study Center,
Yale University, New Haven, USA

15.30 Coffee break

16.00 British Autism Study of Infant Siblings (BASIS) network, UK
Kim Davies
BASIS Coordinator
Centre for Brain and Cognitive Development
Birkbeck, UK

16.45 Italian network for early diagnosis of Autism Spectrum Disorders (NIDA), Italy
Maria Luisa Scattoni
Neurotoxicology and Neuroendocrinology Section
Istituto Superiore di Sanità

October 17th, 2014

SESSION III: Early detection: special focus on the Italian studies
Chairpersons: **Laura Riccervi** and **Liliana Ruta**

9.00 Official trailer of "Ocho pasos adelante" (Eight steps forward): a documentary on early diagnosis and intervention for children with Autism
Selene Colombo
Movie Director

9.15 From retrospective to prospective studies of early autism toward a pre-emptive approach
Fabio Apicella, Natasha Chericoni, Valeria Costanzo
Department of Developmental Neuroscience,
Unit of Developmental Psychiatry, IRCCS Stella Maris, Pisa, Italy

9.40 Network of care: early screening, diagnosis, treatment and research
Massimo Molteni
Child Psychopathology Unit,
IRCCS Eugenio Medea, Bosisio Parini, Lecco, Italy

10.05 From attention to interaction
Filippo Muratori, Antonio Narzisi, Giulia Campatelli
Department of Developmental Neuroscience,
Unit of Developmental Psychiatry, IRCCS Stella Maris, Pisa, Italy

10.30 Early detection of Autism Spectrum Disorders: developmental trajectories in siblings of children with ASD
Stefano Vicari, Giovanni Valeri
Child Neuropsychiatry Unit, Neuroscience Department,
IRCCS Children's Hospital Bambino Gesù, Rome, Italy

10.55 Discovering the social world: insights from chicks, typical newborns and newborns at high-risk for autism
Elisa Di Giorgio, Elisa Frasnelli, Orsola Rosa Salva, Giorgio Vallortigara
Center for Mind/Brain Sciences - University of Trento

11.20 Coffee break

SESSION IV: Early detection: special focus on the Italian studies
Chairpersons: **Maria Luisa Scattoni** and **Jana M. Iverson**

11.45 Infant crying and parental perception
Paola Venuti and Gianluca Esposito
Department of Psychology and Cognitive Sciences,
University of Trento, Trento, Italy

12.10 Infant motor behaviour and ASD
Andrea Guzzetta
Department of Developmental Neuroscience, Unit of Child Neurology and Neurorehabilitation
IRCCS Stella Maris, Pisa, Italy

12.35 Brain Imaging Studies in Persons with Autism: what they tell us about development
Luigi Mazzone
Child Neuropsychiatry Unit, Neuroscience Department,
IRCCS Children's Hospital Bambino Gesù, Rome, Italy

13.00 Lunch on your own

SESSION V: Early detection: special focus on the Italian studies
Chairpersons: **Simone Macrì** and **Andrea Guzzetta**

14.00 Mobile and robotic innovations for ubiquitous early screening and parent-delivered intervention: the PRIMA PIETRA and AREA projects
Giovanni Pioggia
Institute of Clinical Physiology, Messina, Italy

14.25 ARAD, an advanced tool for audio/video data acquisition and analysis: bioengineering in support of early diagnosis of ASD
Silvia Orlandi
Department of Information Engineering,
University of Florence, Florence, Italy

14.50 ICT-based methods for the evaluation of visual and physiological features of early autism: the MICHELANGELO project
Lucia Billeci
Institute of Clinical Physiology, Pisa, Italy

15.15 Future Perspectives
Round Table

17.00 Final remarks
Maria Luisa Scattoni