
BIOMARKERS OF AWARENESS AND WAKEFULNESS AND THERAPEUTIC OPTIONS IN PATIENTS WITH DISORDERS OF CONSCIOUSNESS

International Symposium
MIDOC 2019

DECEMBER 16-17, 2019
MILAN

Conference room
Consiglio Nazionale delle Ricerche
Via Alfonso Corti 12
20133 Milan

Accreditato ECM

Scientific and Organizing committee

Maria Grazia Bruzzone, Chair
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Francesco Prada, IT
Davide Rossi Sebastiano, IT
Pietro Salvi, IT
Kristian Sandberg, DK
Davide Sattin, IT
Jacob Sitt, FR
Mario Stanziano, IT
Aurore Thibaut, BE

DECEMBER 16

13:30 Registration

14:00 - 14:30 Welcome

14:30 - 15:15 Facing the challenges of DOC

Matilde Leonardi - Coma Research Centre, IRCCS Istituto Neurologico Besta, Milan

Maria Grazia Bruzzone, Neuroradiology Dept, IRCCS Istituto Neurologico Besta, Milan

15:15 - 16:30 Multimodal approach to DOC

Structural biomarkers of awareness and wakefulness in DOC

Chairs: Mario Stanziano, Stefano Bastianello

Stefania Ferraro - Neuroradiology Dept, IRCCS Istituto Neurologico Besta, Milan

Martin Monti - Psychology Dept, University of California, Los Angeles

Silvana Franceschetti - Neurophysiology Dept, IRCCS Istituto Neurologico Besta, Milan

Davide Rossi Sebastiano - Neurophysiology Dept, IRCCS Istituto Neurologico Besta, Milan

Discussion

16:30 - 17:00 Coffee Break

17:00 - 18:15 Different diagnostic approaches to patients with DOC

Chairs: Davide Sattin, Anna Nigri

Consciousness biomarkers, from high-density EEG to fMRI dynamics

Jacob Sitt - French Institute of Health and Medical Research, Paris

Multimodal neuroimaging approach to assess clinical and rehabilitative outcome in DOC

Silvia Marino - Neurology Dept, IRCCS Centro Neurolesi Bonino-Pulejo, Messina

Mechanistic insights into cognitive-motor dissociations in DOC: implications for diagnosis and intervention

Davinia Fernandez-Espejo - Psychology Dept, University of Birmingham

Discussion

18:15 - 18:45 Plenary Lecture - The neuroarchitecture of consciousness

Kristian Sandberg - COST Action: The Neuroarchitecture of consciousness, Aarhus University, Aarhus

DECEMBER 17

9:00 - 10:00 Multimodal approach to DOC - session 2

Chairs: Roberto Piperno, Dario Caldiroli

A non-invasive perturbational approach to DOC

Silvia Casarotto - Biomedical and Clinical Sciences Dept "L. Sacco",
University of Milan, Milan

Variability of functional connectivity in DOC

Carlo Cavaliere - SDN Institute, Naples

Discussion

10:00 - 10:45 Plenary Lecture - Cortical mechanisms of loss and recovery of consciousness

Marcello Massimini - Biomedical and Clinical Sciences Dept "L. Sacco",
University of Milan, Milan

10:45- 11:15 Coffee Break

11:15 - 12:45 Towards new therapeutic options

Chairs: Francesco Prada, Franco Molteni

Transcranial current stimulation in patients with DOC: current status and mechanisms of action

Aurore Thibaut - Coma Science Group, GIGA-Consciousness, University of Liège

Spinal Cord Stimulation in patients with DOC

Ivano Dones - Neurosurgery Dept, IRCCS Istituto Neurologico Besta, Milan

Non-invasive ultrasonic thalamic stimulation in patients with DOC

Martin Monti - Psychology Dept, University of California, Los Angeles

Discussion

Dr Marco Sarà memorial

Introduced by Matilde Leonardi and Francesca Pistoia

DECEMBER 17

13:00 - 14:00 Light lunch

14:00 - 15:30 Multimodal approach to DOC - session 3

Chairs: Jorge Navarro, Carla Corsini

Multimodal clinical and neurophysiological prognostication of clinical evolution in DOC

Anna Estraneo - Neurology/Stroke Unit Nola General Hospital, Naples, Italy; IRCCS, Don Gnocchi Foundation Florence, Sant'Angelo dei Lombardi, Italy

The Comorbidities Coma Scale (CoCoS): psychometric properties and clinical usefulness in patients with DOC

Francesca Pistoia - Neurological Institute, Biotechnology and Applied Clinical Sciences Dept, University of L'Aquila

Motor behaviour in patients with DOC. Clues to avoid misdiagnosis

Alessandro Pincherle - Clinical Neuroscience Dept, Lausanne University Hospital

Covert Cognition in patients with DOC: confounding factors and the role of the behavioural scales and of the advanced diagnostic techniques

Rita Formisano - Post-Coma Unit and Neurorehabilitation 2, IRCCS Santa Lucia Foundation, Rome

Discussion

15:30- 16:00 Coffee Break

16:00 - 17:00 L'approccio multimodale tra scienza e società per i pazienti con DOC

Chair: Matilde Leonardi

Fulvio De Nigris - Associazione Amici di Luca, Bologna

Pietro Salvi - Associazione La Rete, San Pellegrino

Sandro Feller - AGCAM, Milano

Paolo Fogar - Associazione FNATC, Udine

Carla Corsini - SIRM Lombardia, Milano

Roberto Piperno - Istituto Scienze Neurologiche, Bologna

Franco Molteni - SIMFER, Costa Masnaga

17:00- 17:30 Conclusions

Maria Grazia Bruzzone - Neuroradiology Dept, IRCCS Neurologico Besta, Milan

Stefania Ferraro - Neuroradiology Dept, IRCCS Istituto Neurologico Besta, Milan

Registration:

Entrance to the symposium is free but registration is mandatory. Please use the following link for registration:

<https://forms.gle/hrWn2F536Vu2MjaX9>

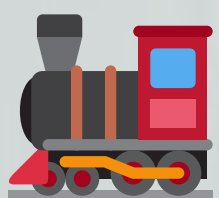
How to reach the CNR, Via Alfonso Corti 12:



By tube: M2 Piola, M2 Lambrate



By bus and tram: 93, 19, 33



By train: Milano Lambrate Station, Milano Centrale Station

Crediti ECM:

La soglia minima di frequenza richiesta è del 90% della durata totale dell'iniziativa. Secondo le indicazioni contenute nella D.G.R. n. 19355 del 21 dicembre 2018, all'evento formativo, accreditato ai fini ECM-CPD, sono stati preassegnati n. 6,3 crediti. L'attestato crediti sarà rilasciato solo ed esclusivamente ai partecipanti che avranno superato il questionario di apprendimento e che avranno raggiunto la soglia minima di partecipazione.

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For any queries or further information
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