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Sistema Socio Sanitario
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SOCIETÀ ITALIANA DI NEUROLOGIA



 **Federazione Nazionale
Associazioni Trauma Cranico**



B Centro di Ateneo
di Bioetica

IPRIMI100ANNITHEFIRST100YEARS

 Fondazione I.R.C.C.S.
Istituto Neurologico Carlo Besta

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Centenario della Fondazione IRCCS

Istituto Neurologico Carlo Besta

This meeting is part of the

100 Events for the first 100 years

Scientific coordination:

 Fondazione I.R.C.C.S.
Istituto Neurologico Carlo Besta Dr. Matilde Leonardi

Sistema Socio Sanitario
 Regione
Lombardia Dr. Davide Sattin

Neurology, Public Health, Disability Unit,

Coma Research Centre

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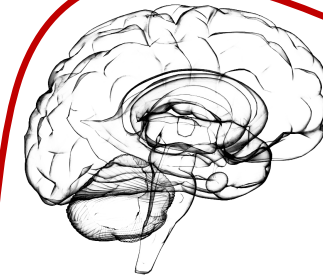
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INTERNATIONAL MEETING ON DISORDERS OF CONSCIOUSNESS:

Research, Innovation
and new
therapeutic approaches

2nd February 2018

9.00–17.30

Fondazione Feltrinelli

Viale Pasubio 5, 20154 Milano

(Italy)

 Fondazione I.R.C.C.S.
Istituto Neurologico Carlo Besta

Sistema Socio Sanitario

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8.45 - 9.00 **Registration**

9.00 - 9.45 **Opening**

- ◇ **Alberto Guglielmo.** President IRCCS Foundation Neurological Institute Carlo Besta, Milan, Italy
- ◇ **Fabrizio Tagliavini.** Scientific Director IRCCS Foundation "Carlo Besta" Neurological Institute, Milan, Italy.
- ◇ **GianLuigi Mancardi,** President SIN Società Italiana di Neurologia.
- ◇ **Pietro Fiore,** President SIMFER Società Italiana Medicina Fisica e Riabilitativa.
- ◇ **Carlo Cisari.** President SIRN Società Italiana di Neuroriabilitazione.
- ◇ **Rocco Liguori.** President SINC, Società Italiana Neurofisiologia Clinica.
- ◇ **Silvano Casazza.** Direttore Socio sanitario ATS Città Metropolitana, Lombardia.
- ◇ **Paolo Fogar,** President Federazione Nazionale Associazioni trauma cranico FNATC.
- ◇ **Gian Pietro Salvi,** President Associazione "La Rete".

9.45 - 10.10 **Innovation and research in Disorders of consciousness**

Matilde Leonardi. Director of the Coma Research Centre, Fondazione IRCCS Istituto Neurologico C. Besta.

SESSION 1 - Innovation & Diagnosis

Chairs: Davide Sattin (IRCCS C. Besta, Milan), Antonio de Tanti (Centro Cardinal Ferrari, Fontanellato PR)

Summary: Dr. Anna Estraneo (IRCCS S. Maugeri, Telese BN)

10.10 - 10.30 **Complexity and emergence in brain and electronic circuits**

Ludovico Minati Complex systems theory Departments, Institute of Nuclear Physics, Polish Academy of Science, Krakow, Poland

10.30 - 10.50 **Innovations in neuroimaging techniques for DOC diagnosis**

Stefania Ferraro. (Neuroradiology unit, Fondazione IRCCS Istituto Neurologico C. Besta, Milan, Italy);

Silvia Marino (Centro neurolesi Bonino Pulejo - IRCCS , Messina, Italy)

10.50—11.10 **Elettrophysiology: new insights for diagnostic protocols for patients with Disorders of consciousness**

Marcello Massimini. Dipartimento di scienze biomediche e cliniche "L. Sacco", University of Milan.

11.10 - 11.30 Discussion and summary

11.30 - 11.50 coffee break

SESSION 2 - Innovation & Justice

Chair: Matilde Leonardi (IRCCS C. Besta, Milan), Fulvio De Nigris (associazione Amici di Luca).

11.50 - 12.10 **Advanced Healthcare Directives & People in Vegetative State: the proposal.**

Alberto Gambino. Prorector of the European university of Rome.

12.10 - 12.30 **Justice, Ethics, Care & People in Vegetative State**

Adriano Pessina. Director of the Bioethics Centre, Cattolica del Sacro Cuore University , Milan, Italy.

12.30 - 12.50 **Bioethics perspectives & people in Vegetative State.**

Maurizio Mori. Bioethics. University of Turin, Italy.

12.50 - 13.10 Discussion

13.10 - 14.10 Lunch

SESSION 3 - Innovation & Treatments

Chairs: Anna Mazzucchi (Fondazione Don Gnocchi), Rita Formisano (IRCCS Santa Lucia, Rome)

Summary: Mauro Zampolini (USL 2 Umbria-Ospedale di Foligno, Foligno PG)

14.10 - 14.30 **Neuromodulation & DOC: an open challenge.**

Angelo Franzini. Neurosurgery Unit 3, Fondazione IRCCS Istituto Neurologico C. Besta, Milan, Italy.

14.30 - 14.50 **Magnetic stimulation and patients with DOC**

Francesco Piccione. Director of Neurorehabilitation department, Ospedale San Camillo, Venezia, Italy.

14.50 - 15.10 **Vagous nerve stimulation and consciousness.**

Angela Sirigu. Institut des Sciences Cognitives Marc Jeannerod, Centre National de la Recherche Scientifique, Bron, France

15.10 – 15.30 Discussion and summary

15.30 - 15.50 coffee break

SESSION 4 - Innovation & Care

Chairs: Carla Corsini (SIRN, Lombardia Region), Donatella Bonaiuti (SIMFER, Lombardia Region)

Summary: Sandro Feller (AGCA)

15.50 - 16.10 **Intestinal microbiota, Mediterranean alpine diet and "brain health"**

Francesca Fava. Fondazione Edmund Mach, Italy.

16.10—16.30 **Telemedicine, home care and disorders of consciousness**

Paolo Tonin. Istituto Sant'Anna, Crotone, Italy.

16.30 - 16.50 **Robotics and Disorder of consciousness**

Giorgia Zunino. Architect, Project-Product Manager, Conceptual Designer and Creative.

16.50 - 17.10 Discussion and summary

17.10 - 17.30 **Conclusions.** Matilde Leonardi