

**Accreditamento Provider Nazionale:** SMM SRL ID 5129

**Conflitto d'interessi:** ["nessuno"]

**Titolo:** "17TH INBBC – International Newborn Brain Conference"

**Data:** 8-10/02/2026

**Sede:** Hotel Royal Continental - Via Partenope, 38, 80121 Napoli NA

**Durata:** [n. 20 ore]

**Crediti:** [n. ]

**Faculty (vedi CV brevi allegati)**

**RESPONSABILE SCIENTIFICO:** El-Dib Mohamed Abdel-Wahed Fouad, Gabriel Fernando Todeschi Variane

## **RAZIONALE DEL CORSO**

La Newborn Brain Society è stata concepita con una visione e una missione complete, focalizzate sul cervello del neonato.

Immaginiamo un mondo in cui tutti i neonati abbiano accesso a cure cerebrali ottimali e le ricevano. La nostra missione è promuovere l'assistenza al cervello del neonato attraverso la collaborazione multidisciplinare internazionale, l'educazione e l'innovazione tra clinici, scienziati e genitori.

La Società è governata da un Consiglio Direttivo e la sua visione e missione sono sostenute con il supporto di un Comitato Consultivo (Steering Committee).

Gli obiettivi sopra menzionati sono perseguiti attraverso sei comitati: il Comitato Membership, il Comitato Finanziario, il Comitato Educativo, il Comitato Linee Guida e Pubblicazioni, il Comitato Comunicazione e Networking e il Comitato Qualità, Miglioramento e Ricerca.

## FEBRUARY 8

8:30 – 10:00 AM Workshops A

Neuroimaging in Term Neonates

Linda De Vries (Netherlands), Sonia Bonifacio (USA)

Neuroimaging in Preterm

Terrie Inder (USA), Chris Smyser (USA)

Compression Ultrasound – Hands on Simulation

Khorshid Mohammad (Canada), Lara Leijser (Canada), Gerda Meijler (Netherlands)

Amplitude-Integrated electroencephalography and Continuous electroencephalography Basics

Geraldine Boylan (Ireland), Lena Hellstrom-Westas (Sweden)

Quality Improvement

Jehier Afifi (Canada), Bharati Sinha (USA), Tetyana Nesterenko (USA), Sandesh Shivananda (Canada)

Near-Infrared Spectroscopy

Valerie Chock (USA), Mohamed El-Dib (USA)

Communicating Uncertainty in Hypoxic-Ischemic Encephalopathy Betsy Pilon (USA), Danielle Barber (USA)

10:00 – 10:30 AM Coffee Break

10:30 AM – 12:00 PM Workshops B

Neuroimaging in Term Neonates

Linda De Vries (Netherlands), Sonia Bonifacio (USA)

Neuroimaging in Preterm

Terrie Inder (USA), Chris Smyser (USA)

Compression Ultrasound – Hands on Simulation

Khorshid Mohammad (Canada), Lara Leijser (Canada), Gerda Meijler (Netherlands)

Amplitude-Integrated electroencephalography and Continuous electroencephalography Basics

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Quality Improvement

Jehier Afifi (Canada), Bharati Sinha (USA), Tetyana Nesterenko (USA), Sandesh Shivananda (Canada)

Multimodal Monitoring for Neonatal Brain Health and Physiology

Valerie Chock (USA), Gabriel Variane (Brazil)

Telehealth Implementation

Alexa Craig (USA), Betsy Ostrander (USA)

12:00 – 1:45 PM Lunch Break

1:45 – 2:00 PM Opening Remarks

Mohamed El-Dib (United States)

Gabriel Variane (Brazil)

2:00 – 2:30 PM Keynote Lecture Brains at work: the neonatal neurology journey from William John

Little to the digital twin.

Luca Ramenghi (Italy)

2:30 – 4:00 PM Cellular therapies for neonatal brain injury

2:30 – 3:00 PM Exosomes

Eric Peeples (USA)

3:00 – 3:30 PM Preterm Brain Injury

Atul Malhotra (Australia)

3:30 – 4:00 PM Stroke

Manon Benders (Netherlands)

4:00 – 6:30 PM Poster Walk

## FEBRUARY 9

8:00 – 9:30 AM HIE in Resource-Limited Settings

8.00 - 8.30 AM Global epidemiology of Hypoxic-Ischemic Encephalopathy

Jackie Patterson (USA)

8.30 - 9.00 AM Improving Prevention and Treatment of Hypoxic-Ischemic Encephalopathy in Resource-Limited Settings

Cally Tann (UK)

9:00 - 9:30 AM Hypoxic-Ischemic Encephalopathy in South Africa – Molecular Pathogenesis and Biomarker Discovery

Michael Pepper (South Africa)

9:30 – 10:15 AM Coffee Break

10:15 – 11:45 AM Sleep in the Neonate: Impact and Outcome

10:15 - 10:45 AM Neonatal sleep physiology and early executive functioning in preterm infants

Anneleen Dereymaeker (Belgium)

10:45 - 11:15 AM Nursing perspective: Actigraphy and care journals to evaluate sleep-wake patterns of preterm infants

Natalie Hunt (USA)

11:15 - 11:45 AM The impact of sleep in high-risk infants

Renee Shellhaas (USA)

11:45 AM – 1:30 PM Lunch Break

1:30 PM – 3:00 PM Abstract Platform Presentations 1

Mohamed El-Dib (United States)

Gabriel Variane (Brazil)

3:00 – 3:45 PM Coffee Break

3:45 – 5:15 PM New Approaches to Managing Posthemorrhagic Hydrocephalus

3:45 - 4:15 PM Role of autotaxin in pathophysiology of posthemorrhagic hydrocephalus

Maria Lehtinen (USA)

4:15 - 4:45 PM Protocolization of Post-Hemorrhagic Ventricular Dilatation diagnosis and management: A Quality Improvement initiative

Lara Leijser (Canada)

4:45 - 5:15 PM Novel etiologies and treatments of hydrocephalus

Kris Kahle (USA)

5:15 – 6:30 PM Poster Walk

## FEBRUARY 10

8:00 – 9:30 AM Abstract Platform Presentations 2

Mohamed El-Dib (United States)

Gabriel Variane (Brazil)

9:30 – 10:15 AM Coffee Break

10:15 – 11:15 AM Small Group Discussions 1

Developmental Care During Therapeutic Hypothermia Diane Wilson (Canada), Mary Anne Ryan (Ireland)

Management During Hypoxic-Ischemic Encephalopathy

Sonia Bonifacio (USA), Hannah Glass (USA)

Neonatal Neurocritical Care Training

Khorshid Mohammad (Canada), Christopher Smyser (USA)

Working with Industry

Geraldine Boylan (Ireland), Betsy Pilon (USA), Terrie Inder (USA)

Seizure Diagnosis and Management

Janet Soul (USA), Francesco Pisani (Italy)

Quality Improvement: Preterm newborn Quality Improvement such as nursing care bundles

Jehier Afifi (Canada), Bharati Sinha (USA),

Tetyana Nesterenko (USA), Sandesh Shivananda (Canada)

11:30 AM – 12:30 PM Small Group Discussions 2

Developmental Care During Therapeutic Hypothermia

Diane Wilson (Canada), Mary Anne Ryan (Ireland)

Management During Hypoxic-Ischemic Encephalopathy

Sonia Bonifacio (USA), Hannah Glass (USA)

Neonatal Neurocritical Care Training

Khorshid Mohammad (Canada), Christopher Smyser (USA)

Connecting Families to Resources

Alexa Craig (USA), Betsy Pilon (USA)

Seizure Diagnosis and Management

Janet Soul (USA), Francesco Pisani (Italy)

Quality Improvement: Preterm newborn Quality Improvement such as nursing care bundles

Jehier Afifi (Canada), Bharati Sinha (USA),

Tetyana Nesterenko (USA), Sandesh Shivananda (Canada)

12:30 – 2:15 PM Lunch Break

2:15 – 3:45 PM Debate Symposium: Cooling Late Preterm

2:15 - 2:45 PM Preclinical data

Alistair Gunn (New Zealand)

2:45 - 3:15 PM Pro: Evidence from clinical experience

Mohamed El-Dib (USA)

3:15 - 3:45 PM Con: Evidence from the National Institute of Child Health and Human Development trial

Abbot Laptook (USA)

3:45 – 4:15 PM Coffee Break

4:15 – 5:45 PM Screening and Impact of Congenital Cytomegalovirus

4:15 - 4:45 PM Fetal screening for Cytomegalovirus

Karen Castillo (Spain)

4:45 - 5:15 PM Universal screening for Cytomegalovirus

Jessica Dunn (Canada)

5:15 - 5:45 PM Impact of Cytomegalovirus

Megan Pesch (USA)

Nome e Cognome	Laurea	Specializzazione	Affiliazione
Jehier Afifi	Medicina e Chirurgia	Pediatria	Dalhousie University, Canada
Manon Benders	Medicina e Chirurgia	Neonatologia	University Medical Center Utrecht, Netherlands
Sonia Bonifacio	Medicina e Chirurgia	Neonatologia	Stanford University, United States
Geraldine Boylan	Fisiologia	Neurofisiologia neonatale	University College Cork, Ireland
Karen Castillo	Medicina e Chirurgia	Ostetricia e Ginecologia	Clinic Hospital Barcelona, Spain
Valerie Chock	Medicina e Chirurgia	Neonatologia	Stanford University School Of Medicine, United States
Alexa Craig	Medicina e Chirurgia	Neonatologia	MaineHealth, United States
Linda de Vries	Medicina e Chirurgia	Neonatologia	Lumc, Netherlands
Anneleen Dereymaeker	Medicina e Chirurgia	Neonatologia	KU Leuven, University Hospitals, Belgium
Jessica Dunn	Medicina e Chirurgia	Pediatria	Alberta Children's Hospital, Canada
Mohamed El-Dib	Medicina e Chirurgia	Neonatologia	Harvard Medical School, United States
Hannah Glass	Medicina e Chirurgia	Neurologia	University Of California, San Francisco, United States
Danielle Guez Barber	Medicina e Chirurgia	Neurologia Neonatale	University Of Colorado, United States
Alistair Gunn	Medicina e Chirurgia	Pediatria	University of Auckland, New Zealand
Lena Hellstrom-Westas	Medicina e Chirurgia	Neonatologia	Uppsala University, Sweden
Natalie Hunt	Infermieristica	Neonatologia	St. Joseph Medical Center, United States
Terrie Inder	Medicina e Chirurgia	Neonatologia	Childrens Hospital Of Ornage County, United States
Kristopher Kahle	Medicina e Chirurgia	Neurochirurgia	Mass General Brigham Hospital, United States
Abbot Laptook	Medicina e Chirurgia	Neonatologia	Brown University, Providence, Rhode Island, United States
Maria Lehtinen	Neurobiologia	Neuroscienze	Boston Children's Hospital, United States
Lara Leijser	Medicina e Chirurgia	Neonatologia	University of Calgary, Canada
Luca Ramenghi	Medicina e Chirurgia	Neonatologia	IRCCS Istituto Gaslini, Italy
Atul Malhotra	Medicina e Chirurgia	Neonatologia	Monash University, Australia
Gerda Meijler	Medicina e Chirurgia	Neonatologia	Isala Women And Children's Hospital, Netherlands
Khorshid Mohammad	Medicina e Chirurgia	Neonatologia	University Of Calgary, Canada
Tetyana Nesterenko	Medicina e Chirurgia	Neonatologist	University of texas Southwestern, United States
Betsy Ostrander	Medicina e Chirurgia	Neurology	University Of Utah, United States
Jackie Patterson	Medicina e Chirurgia	Neonatologia	University Of North Carolina At Chapel Hill, United States
Eric Peeples	Medicina e Chirurgia	Neonatologia	University Of Nebraska Medical Center, United States
Michael Peppers	Medicina e Chirurgia	Medicina Molecolare	University of Pretoria
Megan Pesch	Medicina e Chirurgia	Pediatrics	University Of Michigan
Betsy Pilon	Managing Director	Managing Director	Hope for HIE organization
Francesco Pisani	Medicina e Chirurgia	Pediatria	Università La Sapienza, Italy
Mary Anne Ryan	Infermieristica	Neonatologia	INFANT centre, University College, Cork, Ireland
Renee Shellhaas	Medicina e Chirurgia	Neurologia pediatrica	Washington University In St Louis, United States
Sandesh Shivananda	Medicina e Chirurgia	Neonatologia	University Of British Columbia, Canada
Bharati Sinha	Medicina e Chirurgia	Neonatologia	Boston Medical Centre, United States
Christopher Smyser	Medicina e Chirurgia	Neurologia	Washington University In St. Louis, United States
Janet Soul	Medicina e Chirurgia	Neurologia	Boston Children's Hospital, United States
Cally Tann	Medicina e Chirurgia	Neonatologia	London School Of Hygiene And Tropical Medicine, United Kingdom
Gabriel Variane	Medicina e Chirurgia	Neonatologia	Santa Casa De Sao Paulo, Brazil
Diane Wilson	Nursing	Neonatologia	Hospital For Sick Children, Canada