



# Brain Health for Life. Preventing Brain-Related Disability

December 15th and 16th, 2020

Online

## Liders científics

Álvaro Pascual-Leone

Barcelona Brain Health Initiative / Institut Guttman / Harvard Medical School / Harvard University

## Tuesday, December 15, 2020 – DAY 1

### 9:30 Welcome

Josep Maria Tormos, Research Director at Institut Guttman  
Àngel Font, “la Caixa” Foundation  
Núria Martí, Innovation Director at Biocat

### Morning session: MODIFIABLE LIFESTYLES

Moderator: Álvaro Pascual-Leone, Institut Guttman, Marcus Institute and Wolk Center at Hebrew SeniorLife, Harvard Medical School

### 9:45 Psychological Factors

Natalie Marchant - University College London, UK

### 10:05 Environmental Factors

Jordi Sunyer – ISGlobal & Pompeu Fabra University, Barcelona

### 10:35 Impact of COVID-19 on Mental Health

10:35 – 10:50 David Bartrés-Faz – Universitat de Barcelona-Institut de Neurociències, Institut Guttman, Barcelona

10:50 – 11:05 Maite Garolera - Consorci Sanitari de Terrassa, Barcelona

### 11:05 New Digital Biomarkers for Cognition

Michael Valenzuela – Centre for Healthy Brain Ageing UNSW, Sydney, Australia

### 11:35 DEBATE

### 11:50- Break

13:00

### 13:00 INNOVATION TRACK: Tools and technologies to promote Brain Health

**Pitch Session** (Open to all participants)

Moderator: Álvaro Fernández Ibáñez, SharpBrains director

With feedback & questions from:

Josep M. Tormos, Institut Guttman; Núria Martí, Biocat; Jordi Vallès, “la Caixa” Foundation; Nadia Pons, Medical Association of Barcelona (CoMB); David Bartrés-Faz, Universitat de Barcelona-Institut de Neurociències, Institut Guttman; Cristina Bescos, EIT Health Spain

**13-13:05 Intro**

13:05-15:20h 12 pitches of 5 min + 5 min Q&A

**13:05h I. Promising solutions for specific conditions**

- 1 Jean-Charles Sánchez, **ABCDx**
- 2 Pau Rodriguez, **Methinks AI**
- 3 Yvonne Gillis, **INVICTUS**
- 4 Isabel Van De Keere, **Immersive Rehab**
- 5 Jordina Arcal, **MJN Neuroserveis**
- 6 Alfons Carnicero, **ABLE Human Motion**

**13: 10h Voting (2 min – video) & Prize**

**13:20h II. Platforms for diagnosis and treatment**

- 7 Alfredo Higuera, **Galgo Medical**
- 8 Iftach Dolev, **QuantalX Neuroscience Ltd**
- 9 Guillem Feixas, **Universitat de Barcelona**
- 10 Laszlo Bax, **Braingaze**
- 11 Laurent Nguyen, **Accure Therapeutics**
- 12 Rubén López-Vales, **Universitat Autònoma de Barcelona**

**15:30 - 15:40h Voting (2 min – video) & Prize**

**15:40- B2B meetings with investors**

**18:30** Only for projects & start-ups, under request

**Evening session: MODIFIABLE LIFESTYLES**

Moderators: David Bartrés-Faz, Universitat de Barcelona-Institut de Neurociències, Institut Guttmann, Josep M. Tormos, Institut Guttmann, Barcelona

**16:30 Nutrition**

Emili Ros – IDIBAPS / Hospital Clínic, Barcelona

**16:50 Exercise**

Arthur Kramer – Center for Cognitive & Brain Health at Northeastern University, Boston, USA

**17:10 Social Relations**

Amar Dhand - Harvard Medical School & Network Science Institute at Northeastern University, Boston

**17:30 Cognitive**

Joaquin A. Anguera - Neuroscape, University of California, San Francisco

**17:50 DEBATE**

**18:15 CLOSING**

**Wednesday, December 16, 2020 – DAY 2**

**14:00** Presentation: Álvaro Pascual-Leone, Institut Guttmann, Marcus Institute and Wolk Center at Hebrew SeniorLife, Harvard Medical School

**Promoting Brain Resilience & Reserve**

Yaakov Stern - Taub Institute for the Research on Alzheimer's Disease and the Aging Brain, Columbia University, USA.

**PROMOTING BRAIN RESILIENCE & RESERVE**

Moderator: Yaakov Stern

**14:30 Brain maintenance - a key to preserved memory in older age**

Lars Nyberg – Umeå Center for Functional Brain Imaging, Sweden

**14:50 Multimodal Neuroimaging and Lifestyle in Ageing and Dementia**

Gaël Chételat – INSERM, France.

**15:10 Prevention of Alzheimer's Disease**

Eider M. Arenaza-Urquijo – Barcelonabeta Brain Research Center, Fundació Pasqual Maragall

**15:30 Sleep**

Alex Iranzo – Clinical Institute of Neurosciences (ICN) & AdSalutem, Barcelona

**15:50 DEBATE**

**16:15 CLOSING**

# IV Volunteers Gathering Barcelona Brain Health Initiative - BBHI

Where research meets people

- 17.30h **Welcome**  
Josep Maria Ram3rez. Director Gerente Institut Guttmann  
TBD, "la Caixa" Foundation
- 17.45h Josep Maria Ram3rez,  
3lvaro Pascual-Leone,  
David Bartr3s-Faz,  
Javier Solana,  
Josep Maria Tormos,  
Gabriele Cattaneo
- 19.00h **CLOSING**

## Collaborators:



## Boosted by:



Institut de Neuroci3ncies  
UNIVERSITAT DE BARCELONA



## In the framework of:

