

Officers of Organization

Program Committee:

Dr. Ignacio Lizasoain

Hospital 12 de Octubre / Universidad Complutense de Madrid

Dr. Mònica Millán

Hospital Germans Trias i Pujol

Dr. Francisco Campos

Instituto De Investigación Santiago de Compostela

Dr. Natàlia Pérez de la Ossa

Hospital Germans Trias i Pujol

Dr. Anna Ramos

Hospital de la Santa Creu i Sant Pau

Dr. Mar Hernández

Vall d'Hebron Research Institute

Local Organizing Committee:

Dr. Anna Rosell

Vall d'Hebron Research Institute

Lidia García Biro

Hospital 12 de Octubre



7-9 October 2024

Vall d'Hebron Barcelona
Hospital Campus

Conference Room
Teaching Pavillion

Symposium on Intracerebral Hemorrhage + III Annual Stroke Congress



Day 1. Hotel Alimara

From

14:00 Hotel registration

17:00 Meeting Registration

18:30 State of the art in intracerebral hemorrhage management and impact on global health

Nikola Sprigg, University of Nottingham (UK)

19:30 Welcome Reception-meet the speakers

Day 2. Vall d'Hebron Barcelona Hospital Campus

8:45 Welcome and Opening Remarks

Ignacio Lizasoain, RICORS-ICTUS Coordinator
Hospital 12 de Octubre, UCM, Madrid

Begoña Benito Villabriga, Director of the Institut de Recerca Vall d'Hebron

Not all bleedings are equal

Chairs: **Valeria Caso & Abraham Martín**

9:00 Is it important to correctly classify ICH?
[Characteristics and classification of the different etiologies of intracerebral hemorrhage in humans]

Joan Martí Fàbregas, Hospital de Sant Pau, Barcelona (Spain)

9:25 Animal models of hemorrhage: challenges and successes

Cyrille Orset, INSERM- Caen Normandie Univ, Caen (France)

9:50 Emerging concepts in sporadic cerebral amyloid angiopathy

Francisco Hernández, Albacete University Hospital (Spain)

10:15 Abstract presentation

Clinical Implications of the combination of etiologies in patients with ICH.

Daniel Vázquez, Hospital Universitari Arnau Vilanova

The presence of circulating human apolipoprotein J reduces the occurrence of cerebral microbleeds in a transgenic mouse model with cerebral amyloid angiopathy.

Mar Hernández, Vall d'Hebron Research Institute
Towards novel intracerebral haemorrhage stroke models by endovascular approach in swine 11.

Teresa Gasull, Germans Trias i Pujol Research Institute

Study of MFG-E8 in experimental models of Cerebral Amyloid Angiopathy.

Berta Páez, Vall d'Hebron Research Institute

11:00 Coffee break

Tackling the consequences of intracerebral hemorrhage

Chairs: **Nikola Sprigg & Blanca Fuentes**

11:30 “Time is brain” also in hemorrhage

[Hematoma expansion, care bundle, blood pressure reduction, hemostatic agents, neurosurgical treatment options, minimally invasive surgery]

David Rodríguez-Luna, Vall d'Hebron Barcelona Hospital Campus (Spain)

11:55 Novel targets and treatments for brain hemorrhage

[Biological mechanisms associated perihematoma edema and brain injury, neuroprotective and neurorestoring agents]

Marietta Zille, University of Vienna (Austria)

12:20 Antithrombotic treatment after ICH: harmful or beneficial?

Rustam Al-Shahi Salman, University of Edinburgh (UK)

12:45 Abstract presentation

Association between cerebral hemorrhage volume and acute hydrocephalus in aneurysmal subarachnoid hemorrhage: a semiautomatic measurement study.

Laura Amaya, Torrecardenas University Hospital

Iron-free transferrin (apotransferrin) as a new treatment to improve stroke outcome in intracerebral hemorrhage.

Teresa Gasull, Germans Trias i Pujol Research Institute

The proteome of Circulating Extracellular Vesicles as biomarkers of damage and repair in Intracerebral Hemorrhage. An approach to novel therapies?

María Alonso de Leciñana, Hospital La Paz Institute for Health Research

Bacterial translocation after hemorrhagic stroke. Effect of the hematoma size and the absence of TLR4.

Nuria Alfageme, Research Institute i+12

13:30 Lunch

What biomarkers bring us

Chairs: **Marietta Zille & Mar Castellanos**

15:00 Biological biomarkers: state of the art and usefulness

Mira Katan, University of Basel (Switzerland)

15:25 What is written in the genes

Jordi Jiménez, Hospital del Mar, Barcelona (Spain)

15:50 Imaging biomarkers: what to look out for

Andrea Morotti, Department of Neurological and Vision Sciences, Neurology Unit, ASST Spedali Civili, Brescia (Italy)

16:15 Abstract presentation

New Biomarkers in Predicting Intracerebral Hemorrhage Expansion: Cell-Free DNA, Levels and Noncontrast Computed Tomography Markers.

Carla Vera, Hospital Universitari de Girona Dr Josep Trueta

A highly specific blood biomarkers panel to identify intracerebral hemorrhage at the ambulance might help to start pre-hospital blood-pressure reduction.

Joan Montaner, Hospital Universitario Virgen Macarena/Rocío and IBIS

Multimodal imaging evaluation of the inflammatory response following experimental subarachnoid haemorrhage.

Abraham Martín, Achucarro Basque Center for Neuroscience

Circulating mirnas as potential biomarkers of haematoma growth in intracerebral haemorrhage: a pilot study.

María Lucas, Institut de Recerca Biomèdica de Girona Dr. Josep Trueta

17:00 Coffee break

Future of ich

Chairs: **Francisco Hernández & Patricia Martínez**

17:30 How to manage uncertainty in decision making: prognostic models in ICH

[Ethical issues in decision making, prognostic scales, predictive models, use of Artificial Intelligence]

Valeria Caso, Stroke Unit Santa Maria della Misericordia Hospital. University of Perugia

17:55 Update on ongoing clinical trials

Yolanda Silva, Hospital Dr. Josep Trueta, Girona (Spain)

18:20 Abstract presentation

Circadian variation in clinical outcomes of intracerebral haemorrhage: the relevance of location. A retrospective study.

María Esther Llorente, Hospital Virgen de la Arrixaca

Prognosis of Lobar Intracerebral Haemorrhage in Relation to Circulating Omega-3 Fatty Acids at Admission.

Tomàs Xuclà, Hospital Josep Trueta

p53 is involved in vascular damage and repair after hemorrhagic stroke.

Cristina Rodriguez, Institute of Biomedical Research of Salamanca

19:05 Closing Remarks

Mònica Millán, Hospital Germans Trias i Pujol (Spain)

19:15 End of the day

20:30 Gala dinner - Hotel Alimar

Day 3 *Vall d'Hebron Barcelona Hospital Campus*

08:30 Welcome and Opening Remarks.

Ignacio Lizasoain, RICORS-ICTUS Coordinator, Hospital 12 de Octubre, UCM, Madrid (Spain)

08:45 2022 Seed Fund: “Study of the role of RhoA and XDH proteins in mid intracerebral haemorrhage through the development of an in vitro model”.

María Gutierrez, IdIPAZ, IDIS and IRYCIS groups

09:05 2023 Seed Fund: “Neuromodulation of executive dysfunction by transcranial direct current stimulation in a rat model of cerebral infarction”.

Patricia Martínez, FIBAO, IdIPAZ and IBIS groups

09:25 2024 Seed Fund: “Effect of TLR4-mediated modulation of inflammation on the reduction of brain damage after paediatric ischaemic stroke”.

Macarena Hernández, Imas12, HCUV, IGTP and IIS La Fe groups.

09:45 Research line 1. Biomarkers. Summary of the main results of the “collaborative projects”

Anna Rosell, Joan Montaner

10:05 Coffee break

10:35 Research line 2. Acute-phase treatment. Summary of the main results of the “collaborative projects”

Joan Martí, Natàlia Pérez de Ossa

10:55 Research line 3. Cerebroprotection. Summary of the main results of the “collaborative projects”

Angeles Almeida, Francisco Campos

11:15 Research line 4. Brain repair and functional recovery. Summary of the main results of the “collaborative projects”

Exuperio Diez-Tejedor, Mar Freijó

11:35 Research line 5. Secondary prevention. Summary of the main results of the “collaborative projects”

Mar Castellanos, Tomás Segura

11:55 discussion and questions

12:30 Closing Remarks and General Assembly

13:00 Lunch