

HOSPITAL UNIVERSITARIO SON ESPASES

# MEMORIA CIENTÍFICA 2020

## NEUROCIRUGÍA

HOSPITAL UNIVERSITARI SON ESPASES



# Índice

|   |          |
|---|----------|
| <b>Neurocirugía .....</b>                             | <b>2</b> |
| <i>Publicaciones en revistas Internacionales.....</i> | <i>2</i> |
| <i>Publicaciones en revistas Nacionales.....</i>      | <i>3</i> |
| <i>Proyectos de Investigación financiados .....</i>   | <i>3</i> |
| <i>Participación en Ensayos clínicos.....</i>         | <i>3</i> |

## Neurocirugía

### Publicaciones en revistas Internacionales

Arikan F, Errando N, Lagares A, Gándara D, Gabarros A, López-Ojeda P, **Ibáñez J, Brell M**, Gómez PA, Fernández-Alén JA, Morera J, Horcajadas A, Vanaclocha V, Llácer JL, Baño-Ruiz E, Gonçalves-Estella JM, Torné R, Hoyos JA, Sarabia R, Arrese I, Rodríguez-Boto G, de la Lama A, Domínguez J, Martín-Láez R, Santamarta-Gómez D, Delgado-López PD, Ley-Urzaiz L, Mateo O, Iza B, Orduna-Martínez J, de Asís Lorente-Muñoz F, Muñoz-Hernández F, Iglesias J, Vilalta J. Variability of Clinical and Angiographic Results Based on the Treatment Preference (Endovascular or Surgical) of Centers Participating in the Subarachnoid Hemorrhage Database of the Working Group of the Spanish Society of Neurosurgery. *World Neurosurg.* 2020; 135: e339-e349

Tegtmeier F.,Schinzel R., Beer R., Bulters D., LeFrant J.Y., Sahuquillo J., Unterberg A., Andrews P., Belli A., **Ibáñez J.**, Lagares A., Mokry M., Willschke H., Flühe C.,Schmutzhard E. Efficacy of Ronopterin (VAS203) in Patients with Moderate and Severe Traumatic Brain Injury (NOSTRA phase III trial): study protocol of a confirmatory, placebo-controlled, randomised, double blind, multi-centre study. *Trials* 2020; 21: 80

Moll A, **Lara M**, Pomar J, Orozco M, Frontera G, Llompart-Pou JA, **Moratinos L, González V, Ibáñez J**, Pérez-Bárcena, J. Effects of dexamethasone in traumatic brain injury patients with pericontusional vasogenic edema: A prospective-observational DTI-MRI study. *Medicine (Baltimore).* 2020; 99(43):e22879.

Pérez-Bárcena J, Crespí C, Frontera G, Llompart-Pou JA, **Salazar O, Goliney V, Ibáñez J**, Bullock MR, de Rivero Vaccari JP. Levels of caspase-1 in cerebrospinal fluid of patients with traumatic brain injury: correlation with intracranial pressure and outcome. *J Neurosurg* 2020; 1:1-6

### Publicaciones en revistas Nacionales

**Lara M**, Moll A, Mas A, Picado MJ, Gassent C, Pomar J, Llompert JA, **Brell M**, **Ibáñez J**, Pérez-Bárcena J. Use of diffusion tensor imaging to assess the vasogenic edema in traumatic pericontusional tissue. Neurocirugía (Astur.) 2020; 21: S1130

Domínguez-Roldán JM, Lubillo S, Videtta W, Llompert-Pou JA, Bádenes R, Márquez-Rivas J, **Ibáñez J**, Godoy DA, Murillo-Cabezas F. International consensus on the monitoring of cerebral oxygen tissue pressure in neurocritical patients. Neurocirugía (Astur.) 2020; 31(1): 24-36

### Proyectos de Investigación financiados

Beca FIS: nuevos biomarcadores inflamatorios para el traumatismo craneoencefálico: función de los inflamomas, relación con el pronóstico y su modulación mediante anticuerpos monoclonales. PI16/00737. INSTITUTO DE SALUD CARLOS III. J. Pérez Bárcena (Investigador Principal). 2017-2020

### Participación en Ensayos clínicos

2016-2020 VAS203/III/1/01 NOSTRA Phase III Efficacy of VAS203 in patients with moderate and severe traumatic brain injury: A confirmatory, placebo-controlled, randomised, double blind, multi-centre study. EudraCT No.: 2013-003368-29. Promotor. Vasopharm. **Ibáñez J**. (Investigador principal).

2019- REACT. ID-054-304. *Prevention and Treatment of Vasospasm with Clazosentan*. A prospective, multi-center, double-blind, randomized, placebo-controlled, parallel-group, Phase 3 study to assess the efficacy and safety of clazosentan in preventing clinical deterioration due to delayed cerebral ischemia (DCI), in adult subjects with aneurysmal subarachnoid hemorrhage (aSAH). EudraCT: 2018-000241-39. Promotor: Idorsia. **Ibáñez J.** (Investigador principal).

2019- ASTRAL 252BN201. *A multicentre, double-blind, multidose, placebo-controlled, randomized, parallel-group, phase 2 study to evaluate the efficacy and safety of intravenous BII093 for patients with brain contusion*. Eudra CT: 2018-003858-24. Promotor: Biogen. **Ibáñez J.** (Investigador principal).