

INVESTIGACIÓN

EL Servicio cuenta con dos grandes líneas de investigación consolidadas dentro del área de neurociencias del IDIVAL:

- **Enfermedades Neurodegenerativas** (IP: Dr. Jon Infante)

Investigación en neuropatías periféricas (Responsable: Dr. J. Berciano, Dra. AL. Pelayo, Dra.MJ. Sedano)

- Correlaciones clínico-moleculares en neuropatías hereditarias
- Fisiopatología del síndrome de Guilláin-Barré

Investigación en demencias (Responsable: Dr. Pascual Sánchez-Juan)

La línea de demencia se centra en investigación clínica ligada a la actividad de la Unidad de Deterioro Cognitivo y al proyecto "Valdecilla Study for Memory and Brain Aging"

Presenta tres áreas fundamentales:

- Neuropsicología: descripción de los perfiles de alteración cognitiva y conductual con utilidad clínica en las principales demencias.
- Genética: como grupo fundador del grupo DEGESCO somos coordinadores de proyectos nacionales de genética de demencias y colaboramos en los principales consorcios internacionales de genética de Alzheimer.
- Biomarcadores: en la línea dedicada a biomarcadores de la enfermedad de Alzheimer destacan nuestros estudios con marcadores de LCR y PET PIB en colaboración con el grupo de Medicina Nuclear del HUMV.

Investigación en enfermedad de Parkinson (Responsable: Dr. Jon Infante)

- Biomarcadores clínico-moleculares en la enfermedad de Parkinson asociada a la mutación G2019S de *LRRK2*
- Epidemiología genética de la enfermedad de Parkinson

Investigación en ataxias hereditarias (Responsable: Dr. Jon Infante)

- Correlaciones clínico-moleculares de las ataxias hereditarias.
- Biomarcadores multimodales en ataxias hereditarias

Investigación en ELA (Responsable: Dr. Javier Riancho)

- Epidemiología y nuevas terapias en la ELA

El grupo de enfermedades neurodegenerativas pertenece como grupo a CIBERNED (Centro de Investigación Biomédica en Red de Enfermedades Neurodegenerativas).

- **Clínica y genética de las cefaleas** (IP: Dr. Agustín Oterino)

Publicaciones más relevantes 2017 y 2018

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