



Dr Arnau Navinés Ferrer

Genetics Department of the IMO

Postdoctoral researcher at the IMO Foundation

Curriculum Vitae

Professional profile

Doctor of Biomedicine from the University of Barcelona and Master's in Advanced Immunology from the University of Barcelona and the Autonomous University of Barcelona

His specialisation is genetic diagnosis and the study of the molecular bases of vision disorders.

Education

Doctor of Biomedicine from the University of Barcelona, 2019.

Holder of animal testing licence granted by the Government of Catalonia, 2014.

Master's in Advanced Immunology from the University of Barcelona and Autonomous University of Barcelona, 2014.

Bachelor's degree in Biomedical Sciences from the University of Barcelona, 2013.

Gangoiti-Barrera Foundation Fellowship 2016.

Gangoiti-Barrera Foundation Fellowship 2018.

Research

Collaborating researcher. Identification of new retinal dystrophy genes and characterisation of genotype-phenotype correlations.

Collaborating researcher. Generation of cellular models for the study and treatment of retinal dystrophies by obtaining stem cells derived from patients.

Publications

Myo1f, an unconventional long-tailed myosin, is a new partner for the adaptor 3BP2 involved in mast cell migration. **Navinés-Ferrer A**, Ainsua-Enrich E, Serrano-Candelas E, Sayós J, Martín M. Front. Immunol., 09 May 2019 | <https://doi.org/10.3389/fimmu.2019.01058>

MRGPRX2-mediated mast cell response to drugs used in perioperative procedures and anaesthesia. **Navinés-Ferrer A**, Serrano-Candelas E, Lafuente A, Muñoz-Cano R, Martín M, Gastaminza G. Sci Rep. 2018 Aug 2;8(1):11628. doi: 10.1038/s41598-018-29965-8. PMID: 30072729

Silencing of adaptor protein SH3BP2 reduces KIT/PDGFRα receptors expression and impairs gastrointestinal stromal tumors growth. Serrano-Candelas E, Ainsua-Enrich E, **Navinés-Ferrer A**, Rodrigues P, García-Valverde A, Bazzocco S, Macaya I, Arribas J, Serrano C, Sayós J, Arango D, Martín M. Mol Oncol. 2018 Jun 9. doi: 10.1002/1878-0261.12332. [Epub ahead of print] PMID: 29885053

IgE-Related Chronic Diseases and Anti-IgE-Based Treatments. **Navinés-Ferrer A**, Serrano-Candelas E, Molina-Molina GJ, Martín M. J Immunol Res. 2016;2016:8163803. doi: 10.1155/2016/8163803. Epub 2016 Dec 21. Review. PMID: 28097159

Courses and conferences

Navinés-Ferrer, A (2013). Poster VII Congress of the Catalan Immunology Society (SCI).

Navinés-Ferrer, A (2014). Oral Presentation. 6th International EMBRN Mast Cell and Basophil Meeting, Munich.

Navinés-Ferrer, A (2015). Course on Advanced Optical Microscopy Processing and Image Analysis with ImageJ and Fiji. University of Barcelona Science and Technology Centres.

Navinés-Ferrer, A (2015). Poster. EAACI Annual Congress Barcelona.

Navinés-Ferrer, A (2015). Poster. 7th International EMBRN Mast Cell and Basophil Meeting, Marseille.

Navinés-Ferrer, A (2017). Poster. 15th Winter School on Basic Immunology Research in Allergy and Clinical Immunology (EAACI).

Navinés-Ferrer, A (2017). Attendee. 8th International EMBRN Mast Cell and Basophil Meeting, Prague.

Navinés-Ferrer, A (2019). Poster. 9th International EMBRN Mast Cell and Basophil Meeting, Uppsala.