

# Ear, Nose and Throat Cancers



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## Main Lines of Research

- ▶ Genetic and molecular predictors of response to head and neck cancer (with the Oncogenesis and Antitumour Drugs group).
- ▶ Molecular mechanisms of inflammation in head and neck cancer (with the Inflammation Laboratory).
- ▶ Nasosinal endoscopic surgery: innovations in skull base techniques.
- ▶ Internal ear: aspects related to severe deafness, cochlear implants and otoneurological surgery of tumours.

## Challenges

- ▶ Promote clinical and translational research into head and neck cancer with a very large database of head and neck cancers.
- ▶ Study relevant clinical issues in depth (second-third neoplasms, staging concerns, prognostic factors, etc) and investigate translational aspects such as genetic and molecular predictors.

## Collaborations

### Collaborations with other IIB Sant Pau Groups

- ▶ Angiology, Vascular Biology and Inflammation (Dr. Lluís Vila).
- ▶ Oncogenesis and Antitumour Drugs (Dr. Ramon Mangues).
- ▶ Translational Molecular Oncology (Dr. Matilde Parreño).

### External Collaborations

- ▶ Catalan Institute of Oncology: Epidemiology (Dr. X. Bosch).
- ▶ Catalan Institute of Oncology: Oncology (Dr. Ricard Mesia).
- ▶ Hospital Joan XXIII: Head and Neck Cancer (Dr. F.J. Avilés).
- ▶ Hospital Central de Asturias: Head and Neck Cancer (Dr. C. Suárez).

## Active Grants

- ▶ Xavier Leon Vintró. Herramienta de predicción de respuesta a la radioterapia basada en la expresión de genes relacionados con la transición epitelial-mesenquimal en cáncer de cabeza y cuello. PI14/01918. Instituto de Salud Carlos III. Duration: 2015-2018. 71,500.00 €.

Note: Total amount granted to PI. It does not include indirect costs.

## Grants Awarded in 2017

- ▶ Miquel Quer Agustí, Émbolos tumorales circulantes hCXCR4/SerpinE1 en el pronóstico del cáncer de cabeza y cuello. PI17/00584. Instituto de Salud Carlos III. Duration: 2018-2020. 2,000.00 €.

Note: Total amount granted to PI. It does not include indirect costs.

## Theses

- ▶ Ricard Simó. Intrathoracic goitres: comparative study of the transcervical approach versus the combined cervicothoracic. Universitat Autònoma de Barcelona. Directors: Miquel Quer and Xavier León. Date of defense: 11/05/2017.
- ▶ Jose Miguel Costa González. Impacto del carcinoma de cabeza y cuello en la actividad laboral de los pacientes. Universitat Autònoma de Barcelona. Directors: Miquel Quer, Xavier León and Montserrat López. Date of defense: 17/02/2017.

\*TIF: 44.781 \*\*MIF: 2.6364

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