



## ETA Research Grant Recipients:

### 2015

**Olaia Martinez-Iglesias, Spain (Basic):** Epithelial plasticity and metastasis.

**Frans Brandt Kristensen, Denmark (Clinical)**

**Robin Peeters, The Netherlands (Translational):** Unravelling the pathogenesis of anemia in patients with resistance to TH due to inactivating mutations in TR $\alpha$

### 2016

**Emmely de Vries, The Netherlands (Basic):** Changes in thyroid hormone metabolism after acute inflammation in Pax8<sup>-/-</sup> mice

**Valeria Galetti, Switzerland (Translational/Basic):** Development and validation of iodine-129 as a novel and safe tracer for the assessment of iodine metabolism in humans

**Camille Buffet, France (Translational):** Role of the NADPH oxidase 4 (NOX4) in the repression of the SLC5A5 gene encoding the Sodium/Iodide symporters (NIS) in BRAFV600E-mutated papillary thyroid cancers

### 2017

**Doreen Braun, Germany (Basic):** The molecular mechanism of phenylbutyrate rescue in differentiated iPSC cells from severely affected MCT8 deficient patients

**Marco Medici, The Netherlands (Clinical):** Personalized management of thyroid disease

**Carolin Höfig, Germany (Basic):** Effects of novel thyroid hormone metabolites on hepatic metabolism of trace elements

### 2018

**Wojciech Gierlikowski, Poland (Basic):** In search of a key iodide metabolism regulator – a comprehensive study of a single microRNA

**Georgio Grani, Italy (Clinical):** Machine learning to improve the sonographic classification of thyroid nodules

**Carlotta Giani, Italy (Translational):** The integrity of tumoral capsule identifies a subgroup of indolent cases not only among the follicular but also classical variant of papillary thyroid cancer

## 2019

**Pieter Vancamp, France (Basic):** Impact of thyroid hormone and endocrine disruptors on neural stem cell fate

**Ilaria Muller, Italy (Clinical):** Study of TARget tissue-resident immune cells in Graves' disease and Orbitopathy (STAR-GO)

**Stefan Groeneweg, The Netherlands (Translational):** Functional characterization of the novel thyroid hormone transporter SLC17A4

## 2020

**Catarina Tavares, Portugal (Basic):** Targeting mitochondrial TERT to overcome therapeutic resistance

**Layal Chaker, The Netherlands (Clinical):** "T3 and T4, is that all?"

**Federico Salas-Lucia, USA/Spain (Translational):** A cortical organoid model for MCT8-deficient syndrome to understand the timing and mechanism of the myelination defects and to develop a platform for personalized treatment.

## ETA Anniversary Exchange Fellowship Grant 2017

**Laura Valerio, Italy (Basic):** Expression of DUOX-1-derived H<sub>2</sub>O<sub>2</sub> in humane thyroid epithelial cell line at post-cell irradiation and correlation with RET/PTC1 rearrangement in radio-induced papillary thyroid cancer

**Arjola Bano, The Netherlands (Clinical):** Thyroid function and the risk of heart failure

**Jelena Jankovic, Serbia (Translational):** Circulating biomarkers of thyroid cancer: profiling non-coding RNAs for diagnostic and prognostic applications

## ETA Project COVID-19 Grant 2020

**Klaudia Brix, Germany:** Interactions of the SARS-CoV-2 Spike Protein with the Priming Cathepsin L Protease at Cilia of Thyroid Epithelial Cells