

## INVITATION

### XXIV annual symposium of the Dutch Thyroid Research Foundation

The Dutch Thyroid Research Foundation cordially invites you to the 24<sup>th</sup> edition of its annual symposium, which will take place on April 1<sup>st</sup> 2022 at the **Trippenhuis in Amsterdam**. International and Dutch experts will highlight important recent developments in basic and clinical thyroidology.

The symposium will start with a session on Graves' disease with Prof. George Kahaly (Gutenberg University Medical Center) discussing novel clinical insights in Graves' disease followed by Dr. Wim Dik (ErasmusMC) with a presentation on the basic aspects of Graves' disease. The focus will then shift to new aspects of thyroid hormone transporters presented by Dr. Nilhan Gunhanlar and Ferdy van Geest (ErasmusMC).

After lunch we will start with four short presentations selected from submitted abstracts.

Prof. Anita Boelen (Amsterdam UMC) will then introduce the session with her research on the role of thyroid hormone in innate immune cells, followed Dr. Karine Gauthier (Institut de Génomique Fonctionnelle de Lyon) who will discuss the hypothalamus/adipose tissue cross-talk. After tea, Dr. Marco Medici (ErasmusMC) will discuss the T3-4-Hypo trial. The symposium ends with a presentation by Prof. Antonio Bianco (University of Chicago) who will discuss basic and translational implications of the type 2 deiodinase polymorphisms.

We look forward to an exciting meeting and hope to see you in Amsterdam!

The Dutch Thyroid Research Foundation

9:30 **Welcome and registration**

9:50 **Introduction**

### **Thyroid; Graves' disease**

10.00 **Clinical aspects of Graves' orbitopathy**

George Kahaly [Gutenberg University Medical Center, Mainz]

10.30 **Basic aspects of Graves' orbitopathy**

Wim Dik [Erasmus MC, Rotterdam]

### **Thyroid hormone transporters; new aspects**

11.00: **Using Induced Pluripotent Stem Cells to model the neurological phenotype of Thyroid Hormone-signaling disorders**

Nilhan Gunhanlar [Erasmus MC, Rotterdam]

11.30: **Understanding MCT8 deficiency: an integrative genomic, phenomic, functional and structural approach**

Ferdy van Geest [ErasmusMC, Rotterdam]

**12.00: Lunch**

### **Thyroid hormone research (selected abstracts)**

13.00 **Elucidating the Role of Quiescent Cells in the Maintenance of the Thyroid Gland - Vivian Ogundipe [UMCG]**

13.15 **Hemithyroidectomy for low-risk 1-4 cm papillary thyroid cancer is not associated with increased recurrence rates in the Dutch population with a restricted diagnostic work-up - Alex Lin [UMCG]**

13.30 **T4-life trial: levothyroxine in euthyroid thyroid peroxidase antibody positive women with recurrent pregnancy loss - Myrthe van Dijk [Amsterdam UMC]**

13.45 **Needs, preferences and values during different treatment decisions of patients with differentiated thyroid cancer - Rosalie Koot [Radboud UMC]**

### **Cellular thyroid hormone signaling**

14.00: **The role of thyroid hormone in innate immune cells**

Anita Boelen [AmsterdamUMC, Amsterdam]

14.30: **Thyroid thermogenic function: the hypothalamus/adipose tissue cross-talk**

Karine Gauthier [Institut de Génomique Fonctionnelle de Lyon, France]

**15.00 Tea**

15.30: **LT4/LT3 Combination therapy for hypothyroidism (T3-4-Hypo trial)**  
Marco Medici [ErasmusMC, Rotterdam]

16.00: **The type 2 deiodinase polymorphism: basic and translational implications**

Tony Bianco [University of Chicago, USA]

17:00 **Drinks and farewell**

## **REGISTRATION**

By email: [b.m.ensing@amsterdamumc.nl](mailto:b.m.ensing@amsterdamumc.nl) (Birgit Ensing)

### **Location:**

Het Trippenhuys van de KNAW, Amsterdam

### **Organisation:**

Dutch Thyroid Research Foundation (Stichting Schildklieronderzoek Nederland)

Board: Prof. dr. T Links, prof. dr. A. Boelen, dr. W.S. Simonides, prof. dr. R. Netea-Maier, dr. E. Visser and dr. E. Bruinstroop

### **Costs (including lunch and drinks):**

Students: free

PhD students and fellows: € 25,-

Other participants: € 100,-

Please pay before the 25<sup>th</sup> of November, account NL02 ABNA 0469862025 with reference to Stichting Schildklieronderzoek Nederland, Rotterdam

### **Accreditation:**

This symposium will be accredited by the Nederlandse Internisten Vereniging (NIV)