

## **INVITATION**

### **XXIII annual symposium of the Dutch Thyroid Research Foundation**

The Dutch Thyroid Research Foundation cordially invites you to the 23<sup>rd</sup> edition of its annual symposium, which will take place on June 14 2019 at the “Koninklijk Instituut voor de Tropen” in Amsterdam. International and Dutch experts will highlight important recent developments in basic and clinical thyroidology.

The symposium will start with a session on basic and clinical aspects of thyroid hormone and pregnancy. Prof. Thomas Zoeller (University of Massachusetts Amherst) will discuss the effects of low thyroid-hormone levels on the developing brain followed by a presentation of Zhongli Chen (Erasmus MC, Rotterdam) who will discuss the regulation of thyroid-hormone transport across the placenta. Arash Derkhshan (ErasmusMC, Rotterdam) will give an update on thyroid autoimmunity and pregnancy outcome followed by an overview on mild thyroid dysfunction during pregnancy given by Dr. Roberto Negro (Lecce, Italy). Just before lunch, Dr. Rima Dhillon-Smith (University of Birmingham) will present the recent results of the TABLET trial, a clinical trial on T4 supplementation during pregnancy.

After lunch, the focus will shift to basic aspects of thyroid hormone and cancer. Dr. Theo Plantinga (Radboud UMC, Nijmegen) will discuss the novel insights in radioactive iodide resistance in thyroid cancer and Prof. Rob Coppes (UMCG, Groningen) will present exciting data on thyroid organoids. Katrin Rabold (RadboudUMC, Nijmegen) will discuss the metabolism of tumor-associated macrophages and Madelon Metman (UMCG, Groningen) will present the first results of a study on intra-operative targeted imaging for thyroid cancer. The last session of the day will focus on the clinical aspects of thyroid cancer discussing quality of life (Floor Mols, Tilburg University), radiotherapy (Andries Groen, UMCG Groningen) and MEN2A as genetic incidentaloma (Christine Teerink, RadboudUMC, Nijmegen). The day will end with a presentation by Prof. D. Taïeb (Aix-Marseille Université) on limiting the use of  $I^{131}$  in low risk thyroid cancer treatment.

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

The Dutch Thyroid Research Foundation

9:30 **Welcome and registration**  
9.55 **Introduction**

### **Thyroid hormones and pregnancy**

10.00: **Low TH levels, endocrine disruption and the developing brain.**  
Thomas Zoeller, [University of Massachusetts Amherst]

10.30: **Regulation of TH transport across the placenta**  
Zhongli Chen [ErasmusMC, Rotterdam]

10.50: **Thyroid autoimmunity and pregnancy outcome: The Consortium on Thyroid and Pregnancy**  
Arash Derkhshan [ErasmusMC, Rotterdam]

**11.10: Coffee**

11.30: **Mild thyroid dysfunction during pregnancy and pregnancy outcome**  
Dr. Roberto Negro [Fazzi Hospital, Lecce, Italy]

12.00: **Results of the TABLET trial**  
Dr. Rima Dhillon-Smith [University of Birmingham, Birmingham]

**12.30: Lunch**

### **Thyroid cancer; basic aspects**

13.30: **Radioactive iodide resistance in thyroid cancer: Novel insights with therapeutic potential**  
Theo Plantinga [Radboud UMC, Nijmegen]

14.00: **Thyroid Organoids**  
Rob Coppes [UMCG, Groningen]

14.30: **Metabolism of tumor-associated macrophages - Identifying targets for metabolic reprogramming**  
Katrin Rabold [RadboudUMC, Nijmegen]

14.45: **Intra-operative targeted imaging for thyroid cancer, first results**  
Madelon Metman [UMCG, Groningen]

**15:00 Tea**

### **Thyroid cancer; clinical aspects**

15.30: **QoL in thyroid cancer patients**  
Floor Mols [Tilburg University, Tilburg]

16.00 **RTX in thyroid cancer**  
Andries Groen [UMCG, Groningen]

16.15: **A large family with MEN2A as genetic incidentaloma**  
Christine Teerink [Radboud UMC, Nijmegen]

16.30: **Limiting I131 use in low risk thyroid cancer treatment**  
D. Taïeb [Aix-Marseille Université, Marseille]

17:00 **Drinks and farewell**

## REGISTRATION

By email: [secr.endo.metab@amc.nl](mailto:secr.endo.metab@amc.nl) (to Anita Boelen)

### **Location:**

Koninklijk Instituut voor de Tropen, Amsterdam

### **Organisation:**

Dutch Thyroid Research Foundation (Stichting Schildklieronderzoek Nederland)

Board: Prof. dr. T Links, dr. A. Boelen, Prof. dr. R.P. Peeters, dr. W.S. Simonides, dr.

R. Netea-Maier

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

Students: free

PhD students and fellows: € 25,-

Other participants: € 100,-

Please pay before the 14<sup>th</sup> of June, account NL02 ABNA 0469862025 with reference to Stichting Schildklieronderzoek Nederland, Rotterdam

### **Accreditation:**

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