

ETA2021.com

Annual Meeting **2021**  
04 - 07 September

**ETA** ★ European  
★ THYROID  
★ Association  
*econference*

The first Virtual Annual Meeting  
of the European Thyroid Association

**Scientific Programme**

CHANNEL 1

13:00 - 14:45

**OPENING CEREMONY**

*Laszlo Hegedüs (Denmark) & Leonidas Duntas (Greece)*

**A YEAR IN.... CLINICAL THYROIDOLOGY**

*Simon Pearce (United Kingdom)*

**TOPIC HIGHLIGHTS**

*CHAIRS: Laszlo Hegedüs (Denmark) & Leonidas Duntas (Greece)*

**The presence of a whole tumor capsule identifies a subgroup of indolent cases not only among the follicular variant but also in classical variant of papillary thyroid cancer**

*Carlotta Giani (Italy)*

**Characterization of the cellular heterogeneity of human thyroid tissue by single cell transcriptomics**

*Robert Opitz (Germany)*

**Statins for Graves' Orbitopathy (STAGO): preliminary results of a phase II randomized clinical trial**

*Giulia Lanzolla (Italy)*

**Illuminating thyroid development and growth using the zebrafish model system**

*Sumeet Pal Singh (Belgium)*

14:45 - 15:00 Time to visit the EXHIBITION and POSTER HALL

15:00 - 16:00

**Industry-sponsored SATELLITE SYMPOSIUM 1  
THYROID UPDATE**

*CHAIR & MODERATION: George J. Kahaly (Germany)*

*CO-CHAIR: Birte Nygaard (Denmark)*

**Novel management strategies in thyroid autoimmunity**

*Simon Pearce (United Kingdom)*

**Thyroid dysfunction and diabetes mellitus.**

*Bernadette Biondi (Italy)*

**Thyroid hormone bioequivalence:**

**A 2021 update**

*James Hennessey (USA)*

**MERCK** organized and funded educational symposium

CHANNEL 2

CHANNEL 1

16:00 - 16:30

**HISTORICAL VIGNETTE:**

**Celebrating 50 years of TRH?**

*CHAIR: Graham Williams (United Kingdom)*

*SPEAKER: Anthony Hollenberg (USA)*

16:30 - 17:00

**ETJ LECTURE**

*CHAIR: Simon Pearce (United Kingdom)*

**The structure of human thyroglobulin:  
implications in thyroid physiopathology**

*Francesca Coscia (Italy)*

17:00 - 17:15

Time to visit the EXHIBITION and POSTER HALL

17:15 - 18:15

**SCIENTIFIC SYMPOSIUM 1**

**THYROID AND PREGNANCY**

*CHAIRS: Bijay Vaidya (United Kingdom) & Corin Badiu (Romania)*

**Thyroid hormone reference range in pregnancy and ethnicity**

*Kris Poppe (Belgium)*

**Autoimmunity in subfertility and miscarriage**

*Camilla Virili (Italy)*

**The effects of gestational exposure to thyroid disruptors**

*Tim Korevaar (The Netherlands)*

CHANNEL 2

17:15 - 18:15

**SCIENTIFIC SYMPOSIUM 2**

**A TRANSLATIONAL APPROACH TO THYROID CANCER**

*CHAIRS: Laurence Leenhardt (France) & Clara Alvarez (Spain)*

**GWAS of thyroid stimulating hormone and  
inverse association with thyroid cancer**

*Bjørn Olav Åsvold (Norway)*

**Novel mechanisms for thyroid cancer progression**

*Alessia Ciarrocchi (Italy)*

**Potentiating Radioiodine Therapy**

*Chris McCabe (United Kingdom)*



CHANNEL 1

18:30 - 19:30

**Industry-sponsored  
SATELLITE SYMPOSIUM 2**

**THYROID EYE DISEASE:**

**Assessing and co-managing a condition of grave concern**

*CHAIR: George J. Kahaly (Germany)*

*SPEAKER: Raymond S. Douglas (USA)*

**Introduction**

**Patient-focused Care: Moderate Thyroid Eye Disease  
(Case Presentation)**

**Patient-focused Care: Severe Thyroid Eye Disease  
(Case Presentation)**

**Panel Discussion – Thyroid Eye Disease**

**Q&A**

**VINDICO** organized and funded educational symposium

CHANNEL 2

CHANNEL 1

12:45 - 13:45

**ETA CANCER GROUP**

as part of a new european "PROJECT",  
the **EUROPEAN THYROID CANCER WORKSHOP (EuThyCan)**

*INTRODUCTION: Clara Alvarez (Spain)*

**The EuThyCan: description of the project**

*Jan Smit (The Netherlands)*

**Discussion**

**Results of the European survey on anaplastic thyroid cancer**

*Laura Fugazzola (Italy)*

**Discussion**

**Report from the Treasurer**

*Markus Luster (Germany)*

**Final Discussion and suggestions  
for the next ETA CG meeting**



14:00 - 15:30

**A YEAR IN...**

**TRANSLATIONAL THYROIDOLOGY**

*CHAIR: Lars Möller (Germany)*

*SPEAKER: Peter Kopp (Switzerland)*

**Harington-de Visscher Prize LECTURE**

*CHAIR: Laszlo Hegedüs (Denmark)*

**Turning to thyroid disease in pregnant women**

*Stine Linding Andersen (Denmark)*

**Translational studies in cellular thyroid hormone regulation**

*Edward Visser (The Netherlands)*

CHANNEL 2

12:45 - 13:50

**ETA - IODINE GLOBAL NETWORK**

**SCIENTIFIC SYMPOSIUM**

*CHAIRS: R. Moreno-Reyes (Belgium) & JH Lazarus (United Kingdom)*

**INTRODUCTION**

*R. Moreno-Reyes (IGN Regional Coordinator),*

*J. H. Lazarus (past IGN Regional Coordinator)*

**Update on thyroid iodine metabolism:**

**consequences of deficiency and excess**

*Elisabeth Pearce (USA)*

**Iodized salt a vehicle for iron fortification?**

*Michael Zimmermann (Switzerland)*

**Prevention of iodine deficiency disorders in Europe:**

**effectiveness, cost-effectiveness, barriers and solutions**

*Ursula Rochau (Austria)*



15:30 - 15:45 Time to visit the EXHIBITION and POSTER HALL

CHANNEL 1

15:45 - 16:45

**Industry-sponsored**

**SATELLITE SYMPOSIUM 3**

**PATIENT and PHYSICIAN**

**PERSPECTIVES ON HYPOTHYROIDISM**

*CHAIRS AND INTRODUCTION:*

*Endre Nagy (Hungary) & Laszlo Hegedüs (Denmark)*

**The patient perspective: organization and results of the**

**TFI/Picker/IBSA E-MPATHY questionnaire survey**

*Petros Perros (United Kingdom) and Peter Lakwijk (Sweden)*

**The thyroid specialist perspective:**

**organization and early results of the THESIS questionnaire survey**

*Enrico Papini (Italy)*

**Discussion**

**Take home messages:**

*Laszlo Hegedüs (Denmark) and Endre Nagy (Hungary)*

**IBSA** organized and funded educational symposium

16:45 - 17:00 Time to visit the EXHIBITION and POSTER HALL

17:00 - 18:00

**SCIENTIFIC SYMPOSIUM 3**

**NUTRITION and BIOMARKERS in THYROID DISEASE**

*CHAIRS: Rodrigo Moreno-Reyes (Belgium)*

*& Stig Andersen (Denmark)*

**Iron nutritional status and Thyroid Function**

*Margaret Rayman (United Kingdom)*

**Some new aspects of the paramount role of iodine**

**in thyroid disease**

*Mario Rotondi (Italy)*

**Pleiotropic roles of the Keap1/Nrf2 antioxidant response system**

**in thyroid pathophysiology**

*Gerasimos Sykiotis (Switzerland)*

CHANNEL 2

17:00 - 18:00

**SCIENTIFIC SYMPOSIUM 4**

**THYROID DEVELOPMENT**

*CHAIRS: Robert Opitz (Germany) & Luca Persani (Italy)*

**Thyrocyte diversity with single-cell transcriptomics**

**during development**

*Sumeet Pal Singh (Belgium)*

**Ex vivo organoid modelling of the developing thyroid**

*Gabor Szinnai (Switzerland)*

**Environmental dysregulation in thyroid development:**

**recent insights**

*Pilar Santisteban (Spain)*

CHANNEL 1

18:15 - 19:15

**ORAL SESSION 1**

*CHAIRS: Carla Moran (Ireland) & Joao De Castro (Portugal)*

**The effect of thyroid peroxidase antibodies and thyroglobulin antibodies on thyroid function in pregnant women – an individual participant data meta-analysis**

*Sofie Bliddal (Denmark)*

**Adiposity and smoking show opposite associations with maternal TSH in early pregnancy, but similarly increase the T3/T4-ratio: evidence from 5,529 Danish pregnant women**

*Stine Linding Andersen (Denmark)*

**Association of per- and polyfluoroalkyl substances with thyroid system parameters during pregnancy**

*Arash Derakhshan (The Netherlands)*

**Pre- and post-operative calcitonin value as a predictive factor of disease specific mortality in sporadic medullary thyroid carcinoma**

*Antonio Matrone (Italy)*

**Ultrasound features and role of risk stratification systems in identifying medullary thyroid carcinoma**

*Carla Gambale Italy)*

CHANNEL 2

18:15 - 19:15

**ORAL SESSION 2**

*CHAIRS: Balazs Gereben (Hungary) & Anita Boelen (The Netherlands)*

**Thyroid hormone transport impacts multiple stages of GABAergic interneuron development**

*Steffen Mayerl (Germany)*

**Long-term efficacy of triiodothyronine analogue Triac in children and adults with monocarboxylate transporter 8 deficiency: an international, real-life cohort study**

*Ferdy van Geest (The Netherlands)*

**Novel thyroid hormone transporters in the solute carrier 22 family**

*Zhongli Chen (The Netherlands)*

**The effect of thyroid hormone receptor truncating mutants on gene transcription in neuronal cells**

*Karn Wejaphikul (Thailand)*

**A combining thyroid risk score (TRS) for nodules with indeterminate cytology**

*Guia Vannucchi (Italy)*

CHANNEL 1

11:00 - 12:00

**Industry-sponsored  
SATELLITE SYMPOSIUM 4**

**Optimising outcomes in RAI-R DTC**  
How should the emerging evidence base for TKIs  
inform clinical practice?

How far have we come today and what are the  
clinical challenges for tomorrow?

*Prof. Dr. Dr. med. Dagmar Führer-Sakel (Chair), Germany*

**What have the recent clinical data for TKIs taught us?**

*Dr. Jaume Capdevila, Spain*

**Real-world evidence:**  
what does it confirm and what does it add to the clinical data?

*Prof. Rossella Elisei, Italy*

**Putting the clinical and real-world data into practice:**  
how should the patient pathway evolve to optimise outcomes?

*Faculty discussion*

EISAI organized and funded educational symposium

12:00 - 13:00

**POSTER ROOM** - Come and view the posters. You can send questions directly to the poster submitter in the poster hall or use the chat function to connect

13:00 - 14:00

**A YEAR IN...  
BASIC THYROIDOLOGY**

*CHAIRS: Josef Köhrle (Germany) & Philippe Caron (France)*

*SPEAKER: Barbara Demeneix (France)*

**Covid Research Grant:**  
**Interaction of the SARS-CoV-2 Spike Protein with  
Thyroid Epithelial Cells**

*Klaudia Brix (Germany)*

**Deiodinase Project:**  
**Measuring deiodinase activity: results of a multi center study**  
*Anita Boelen (The Netherlands)*

CHANNEL 2



CHANNEL 1

**14:00 - 15:00** **SCIENTIFIC SYMPOSIUM 5**  
**LESS IS MORE:**  
**A CONSERVATIVE APPROACH TO THYROID CANCER**  
*CHAIRS: Francesco Frasca (Italy) & Barbara Jarzab (Poland)*  
**Active surveillance**  
*Akira Miyauchi (Japan)*  
**Lobo-isthmectomy: development of a common protocol**  
*Jolanta Krajewska (Poland)*  
**2021 ETA - CIRSE Clinical Practice Guideline for the use of**  
**minimally invasive treatments in malignant thyroid lesions**  
*Enrico Papini (Italy)*

**15:00 - 15:15** Time to visit the EXHIBITION and POSTER HALL

**15:15 - 16:15** **RESEARCH GRANT 2018 & 2019**  
**WINNER PRESENTATIONS**  
*CHAIRS: Domenico Salvatore (Italy) & Heike Heuer (Germany)*  
**The integrity of tumoral capsule identifies a subgroup of indolent**  
**cases not only among the follicular but also classical variant of**  
**papillary thyroid cancer**  
*Carlotta Giani (Italy)*  
**MiR-181a-5p regulates NIS expression in**  
**papillary thyroid carcinoma**  
*Wojciech Gierlikowski (Poland)*  
**A Knowledge-Driven Machine Learning Approach**  
**for Thyroid Nodule Classification**  
*Giorgio Grani (Italy)*  
**Impact of thyroid hormone and endocrine disruptors**  
**on neural stem cell fate**  
*Pieter Vancamp (France)*  
**Study of TARget tissue-resident immune cells**  
**in Graves' disease and Orbitopathy (STAR-GO)**  
*Ilaria Muller (Italy)*  
**Functional characterization of the novel thyroid hormone**  
**transporter SLC17A4**  
*Stefan Groeneweg (The Netherlands)*

CHANNEL 2

**14:00 - 15:00** **SCIENTIFIC SYMPOSIUM 6**  
**TRANSLATIONAL ASPECTS OF**  
**THYROID HORMONE METABOLISM**  
*CHAIRS: Monica Dentice (Italy) & Duncan Bassett (United Kingdom)*  
**Inherited defects in DIO1 and SBP2 in humans**  
*Alexandra M Dumitrescu (USA)*  
**Alteration of renal thyroid hormone signaling in diabetes**  
*Xinaris Christodoulos (Italy)*  
**A novel biomarker for integrated hepatic thyroid hormone action**  
*Jens Mittag (Germany)*

CHANNEL 1

16:15 - 16:30 Time to visit the EXHIBITION and POSTER HALL

16:30 - 17:00

**PINCHERA PRIZE**

*CHAIR: Leonidas Duntas (Greece)*

**From superfluous to indispensable?**

**Four decades of sound turning into images.**

**The story of ultrasound in the management of thyroid disease**

*Laszlo Hegedüs (Denmark)*

17:15 - 18:15

**GENERAL ASSEMBLY**

CHANNEL 2

## CHANNEL 1

13:00 - 13:30

**A YEAR IN...  
THYROID CANCER***CHAIR: Paula Soares (Portugal)**SPEAKER: Christine Spitzweg (Germany)*

13:30 - 14:00

**SHORT CALL ABSTRACTS***CHAIRS: Robin Peeters (The Netherlands) & Ulla Feldt-Rasmussen (Denmark)*

14:00 - 15:00

**YOUNG INVESTIGATOR SESSION***CHAIRS: Simone De Leo (Italy) & Sofie Bliddal (Denmark)*

**Variation in the classification of maternal thyroid function in early pregnancy with repeated blood sampling: a study of 1,466 individual cases in the North Denmark Region Pregnancy Cohort**

*Louise Knøsgaard (Denmark)*

**New proposal for a histological grading of medullary thyroid carcinoma: insights from a large series of sporadic cases**

*Alessandro Prete (Italy)*

**Association of maternal thyroid function during pregnancy with offspring respiratory function and asthma in childhood**

*Marina Feyz (The Netherlands)*

**Clinicopathological characteristics of a cohort of patients with radioiodine-refractory thyroid cancer (RAIR-TC): who are the patients that we choose to treat with tyrosine kinase inhibitors (TKI)?**

*Elisa Minaldi (Italy)*

15:00 - 15:15

Time to visit the EXHIBITION and POSTER HALL

## CHANNEL 2

14:00 - 15:00

**YOUNG INVESTIGATOR SESSION***CHAIRS:**Edward Visser (The Netherlands) & Nadia Schoenmakers (United Kingdom)*

**Transcriptome analysis of the developing rat thyroid gland from fetal life to prepuberty**

*Louise Ramhøj (Denmark)*

**Bone development in mice requires canonical TRa action**

*Ann-Kathrin Schörding (Germany)*

**3-iodothyronamine (T1AM), a thyroid hormone metabolite, works as a pro-oxidant in brown adipocytes**

*Annunziata Laurino (Italy)*

**Lack of canonical thyroid hormone receptor alpha signaling is cardioprotective**

*Janina Gassen (Germany)*

CHANNEL 1

15:15 - 16:15

**Industry-sponsored  
SATELLITE SYMPOSIUM 5**

**Targeting RET in Thyroid Cancer:  
Optimising Testing and Treatment Strategies**

**Introduction and welcome**

*Laura Fugazzola (Italy)*

**Detecting RET alterations in Thyroid Cancer:  
Molecular Diagnostic Approaches**

*Fernando Lopez Rios (Spain)*

**Integrating RET inhibitors in RET driven Thyroid Cancer:  
An overview**

*Matthias Weber (Germany)*

**Take Action with RET Inhibitors:  
Clinical Case Discussion**

*Ellen Kapiteijn, Netherlands*

**Panel Discussion**

*All*

**Closing Remarks**

*Laura Fugazzola (Italy)*

Lectures will be pre-recorded, followed by live panel discussion

**LILLY** organized and funded educational symposium

CHANNEL 2



## CHANNEL 1

16:15 - 17:15

## ORAL SESSION 3

CHAIRS: Laura Fugazzola (Italy) &amp; Endre Nagy (Hungary)

**Cabozantinib versus placebo in patients with radioiodine (RAI)-refractory differentiated thyroid cancer (DTC) who have progressed after prior VEGFR-targeted therapy: results from the phase 3 COSMIC-311 trial**

Marcia S. Brose (USA)

**First results of a systematic population-based approach to identify patients with NTRK gene fusion and RET gene fusion/mutation-positive thyroid cancers who could benefit from treatment with TRK and RET inhibitors**

Markus Eszlinger (Canada)

**Advanced Differentiated Thyroid Cancer, clinical presentation, treatment, and prognostic factors (ERUDIT Study)**

Juan Antonio Vallejo (Spain)

**Efficacy of [18F]FDG-PET/CT in evaluation of cytological indeterminate thyroid nodules prior to surgery (EfFECTS): a randomised-controlled multicentre trial**

Elizabeth J. de Koster (The Netherlands)

**Tumor Volume Doubling Time in Active Surveillance of Papillary Thyroid Microcarcinoma:**

**A Multicenter Cohort Study in Korea**

Meihua Jin (Korea)

## CHANNEL 2

16:15 - 17:15

## ORAL SESSION 4

CHAIRS: Anne van der Spek (The Netherlands) &amp; Garcilaso Riesco-Eizaguirre (Spain)

**Canonical thyroid hormone and TR $\beta$  action stimulates hepatocyte proliferation**

G. Sebastian (Germany)

**Hypothyroidism affects expression of tumor suppressive and oncogenic microRNAs involved in breast cancer development and progression**

Karolina Hanusek (Poland)

**An early wave of macrophage infiltration followed by CD3+ T-cells characterizes the onset of orbital inflammation in preclinical mouse model of Graves' orbitopathy**

Svenja Philipp (Germany)

**Oncogenic mutations in PI3K/AKT/mTOR pathway effectors associate with worse prognosis in BRAFV600E-driven papillary thyroid cancer patients**

Iñigo Landa (USA)

**Combined mutational and clonality analyses support the existence of intra-tumor heterogeneity in papillary thyroid cancer**

Marina Muzza (Italy)

CHANNEL 1

17:30 - 18:30

**OVERSEA SYMPOSIUM**

**ETA/ATA Symposium on Graves' Orbitopathy**

*CHAIRS: Tomasz Bednarczuk (Poland) & Milos Zarkovic (Serbia)*

**Insights into the pathogenesis of Graves' Orbitopathy from studies of the microbiome**

*Marian Ludgate (United Kingdom)*

**Joint ETA-ATA questionnaire on medical treatment of Graves' Orbitopathy**

*Juan Brito (USA)*

**Joint ETA-ATA Guideline on medical management of Graves' Orbitopathy**

*Mario Salvi (Italy)*



18:30 - 18:45

**PRIZE CEREMONY and closure**

*CHAIRS: Leonidas Duntas (Greece) & Graham Williams (United Kingdom)*

CHANNEL 2

44th European  
Thyroid Association  
Annual Meeting

SAVE THE DATE! **BRUSSELS**  
09-13 September 2022



We look  
forward to  
seeing you in  
**BRUSSELS**  
next year