



# 16<sup>TH</sup> INTERNATIONAL THYROID CONGRESS

## SCIENTIFIC PROGRAM

「  Virtual Congress 」

December 16-20, 2020

[www.itc2020.org](http://www.itc2020.org)



Hosted by:



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Friday, December 18, 2020

Hosted by:  ASIA & OCEANIA THYROID ASSOCIATION  CSE

Co-sponsored by:  AMERICAN THYROID ASSOCIATION  European THYROID Association  Latin American Thyroid Society

8:00am – 8:40am

**Plenary 4**

Update in the treatment of medullary thyroid cancer – Rossella Elisei (ETA)

8:45am – 10:00am

**Symposium 9 Thyroid Hormone Action in Metabolism**

8:45am-9:10am The Role of Thyroid Hormone in Brown Adipose Tissue Recruitment – Hao Ying (AOTA)

9:10am-9:35am Role of thyroid hormone in hepatic metabolism – Eveline Bruinstroop (ETA)

9:35am-10:00am Regulation of insulin action – Maria Tereza Nunes (LATS)

**Symposium 10 Active Surveillance: The Real World Perspective**

8:45am-9:10am Implications and practicality AOTA – Akira Miyauchi (AOTA)

9:10am-9:35am Implications and practicality ETA – Juan Carlos Galofré (ETA)

9:35am-10:00am Implications and practicality LATS – Flavio Hojaj (LATS)

10:30am – 11:10am

**Plenary 5**

Dissecting the genetic architecture of thyroid autoimmunity: implications for targeted immune therapies – Yaron Tomer (ATA)

11:15am – 12:30pm

**Symposium 11 Management of Graves' Orbitopathy**

11:15am-11:40am EUGOGO Guideline – Luigi Bartalena (ETA)

11:40am-12:05pm Japanese Guidance – Yuji Hiromatsu (AOTA)

12:05pm-12:30pm Novel immunosuppression approaches – Terry Davies (ATA)

**Symposium 12 Environmental Factors and Thyroid**

11:15am-11:40am Selenium in thyroid – Isabela Benseñor (LATS)

11:40am-12:05pm Iron in pregnancy – Xiaochun Teng (AOTA)

12:05pm-12:30pm Smoking and the thyroid – Tae Yong Kim (AOTA)

2:00pm – 2:40pm

**Plenary 6**

Thyroid disruption: past, present and future – Denise Pires de Carvalho (LATS)

2:45pm – 4:25pm

**Symposium 13 Target Tissue Injury and Repair**

2:45pm-3:10pm Kidney injury – Fumihiko Furuya (AOTA)

3:10pm-3:35pm Sarcopenia and myopathies – Tânia Maria Ortiga (LATS)

3:35pm-4:00pm Fracture repair – Andrea Pollard (ETA)

4:00pm-4:25pm Myelin repair – Thomas Scanlan (ATA)

**Symposium 14 Ultrasound Classification of Thyroid Nodules**

2:45pm-3:10pm ACR – Franklin Tessler (ATA)

3:10pm-3:35pm ATA – Jennifer Sipos (ATA)

3:35pm-4:00pm K-TIRADS – Jin Young Kwak (AOTA)



4:00pm-4:25pm EU-TIRADS – Gilles Russ (ETA)

4:30pm – 5:30pm

**Award Lecture-ATA**



Saturday, December 19, 2020

Hosted by:  ASIA & OCEANIA THYROID ASSOCIATION 

Co-sponsored by:  AMERICAN THYROID ASSOCIATION  European THYROID Association 

8:00am – 8:40am

**Plenary 7**

Personalization of DTC initial management: from active surveillance to extensive surgery - Why? – Gregory W. Randolph (ATA)

8:45am – 10:00am

**Symposium 15 Thyroid Hormone and Stem Cell Regulation**

8:45am-9:10am Skeletal muscle stem cells – Domenico Salvatore (ETA)

9:10am-9:35am Neural stem cells – Sylvie Remaud (ETA)

9:35am-10:00am Intestine stem cells – Yun-Bo Shi (ATA)

**Symposium 16 Diagnostic Molecular Markers 2020**

8:45am-9:10am Mutations – Mingzhao Xing (ATA)

9:10am-9:35am Gene expression – Hernan Gonzalez (LATS)

9:35am-10:00am Liquid biopsy – Haipeng Xiao (AOTA)

10:30am – 11:10am

**Plenary 8**

Personalization of DTC initial management: from active surveillance to extensive surgery - When? – Ki-Wook Chung (AOTA)

11:15am – 12:05pm

**Symposium 17 Free T4 in Pregnancy**

11:15am-11:40am Maternal hyperthyroxinemia – Tim Korevaar (ETA)

11:40am-12:05pm Maternal hypothyroxinemia – Spyridoula Maraka (ATA)

**Symposium 18 Novel Image Guided Ablative Therapies for Thyroid Nodules and Cancer**

11:15am-11:40am RFA – Jung Hwan Baek (AOTA)

11:40am-12:05pm Microwave – Mingbo Zhang (AOTA)

2:00pm – 2:40pm

**Plenary 9**

Mammalian development: a new and critical role for thyroid hormone receptors – Graham Williams (ETA)

2:45pm – 4:25pm

**Symposium 19 LT4 vs. T3 + T4**

2:45pm-3:10pm Rationale – James Hennessey (ATA)

3:10pm-3:35pm Genetics and polymorphism – Marco Medici (ETA)

3:35pm-4:00pm Management in LATS – Célia Nogueira (LATS)

4:00pm-4:25pm Management in Japan – Mitsuru Ito (AOTA)

**Symposium 20 Thyrotoxicosis in Pregnancy**

2:45pm-3:10pm ATD and pregnancy – Stine Linding Andersen (ETA)

3:10pm-3:35pm ATD and pregnancy – Tae Hyuk Kim (AOTA)

3:35pm-4:00pm How to optimally treat the mother – Ai Yoshihara (AOTA)



4:00pm-4:25pm Prediction and therapy of fetal Graves – Naoko Arata (AOTA)

4:30pm – 5:30pm

**Award Lecture-ETA**



Sunday, December 20, 2020

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8:00am – 8:40am

### Plenary 10

The role of TSH beyond thyroid – Jiajun Zhao (AOTA)

8:45am – 10:00am

### Symposium 21 Thyroid Hormone and Cancer

8:45am-9:10am Bowel malignancy – Michelina Plateroti (ETA)

9:10am-9:35am Cutaneous malignancy – Monica Dentice (ETA)

9:35am-10:00am Thyroid hormones in cancer cechechia – Miralireza Takyar (AOTA)

### Symposium 22 Thyroid Dysfunction & Diabetes

8:45am-9:10am Type 2 diabetes and thyroid dysfunction – Layal Chaker (ETA)

9:10am-9:35am Metformin & thyroid dysfunction – Shuhang Xu (AOTA)

9:35am-10:00am Type 1 diabetes and AITD – Lara Frommer (ETA)

10:30am – 11:10am

### Plenary 11

Molecular markers as prognostic tools to define initial treatment: the time has come? – Ralf Paschke (ATA)

11:15am – 12:05pm

### Symposium 23 Animal Models for AITD

11:15am-11:40am Chinese model – Bingyin Shi (AOTA)

11:40am-12:05pm European model – Martin Ungerer (ETA)

### Symposium 24 New Concepts and Ideas in the Management of MTC

11:15am-11:40am Calcitonin based management and long term outcome – Nelson Wohllk (LATS)

11:40am-12:05pm Reconsideration of locoregional therapy options in the era of RET Kinase Inhibitors – Mark Zafereo (ATA)

2:00pm – 2:40pm

### Plenary 12

Genetics of thyroid autoimmunity – Mikio Watanabe (AOTA)

2:45pm – 4:00pm

### Symposium 25 Iodine

2:45pm-3:10pm Challenges encountered in iodination – Dian-jun Sun (AOTA)

3:10pm-3:35pm Iodine and Selenium Nutritional status in Latin-America – Ramos Helton (LATS)

### Symposium 26 Thyroid Pathology

2:45pm-3:10pm Review of Bethesda vs. European or other classifications – Zubair Baloch (ATA)

3:10pm-3:35pm What should be stated and understood from pathology report – Zhiyan Liu (AOTA)

4:30pm – 5:30pm

### Announcement of the 17<sup>th</sup> ITC — LATS