



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

## SCIENTIFIC PROGRAM

[  **Virtual Congress** ]

December 16-20, 2020

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



Hosted by:



Co-sponsored by:





Wednesday, December 16, 2020

Hosted by:  ASIA & OCEANIA THYROID ASSOCIATION



Co-sponsored by:



- All times listed are in Beijing time (UTC/GMT+8). Sessions details are subject to change.
- Registration and completed payment are required to access the virtual meeting.
- Session videos are pre-recorded and only available for registrants to access and watch online during and after the congress.

**3:40pm – 4:00pm**

**Opening Remarks**

**4:00pm – 6:00pm**

**Recent Advances in Thyroidology**

- 4:00pm-4:30pm Clinical Thyroidology – Robin Peeters (ETA)
- 4:30pm-5:00pm Basic Thyroidology – Gregory Brent (ATA)
- 5:00pm-5:30pm Thyroid Autoimmunity – Fereidoun Azizi (AOTA)
- 5:30pm-6:00pm Thyroid Cancer – Ana Luiza Maia (LATS)

**6:20pm – 8:00pm**

**Symposium 1 Pediatric Thyroid Nodules and Cancer**

- 6:20pm-6:45pm Review of prognostic factors – Andrew Bauer (ATA)
- 6:45pm-7:10pm Diagnosis of pediatric thyroid cancer – Hiroki Shimura (AOTA)
- 7:10pm-7:35pm Management of persistent disease – Thera Links (ETA)
- 7:35pm-8:00pm Surgical issues – Arturo Madrid (LATS)

**Symposium 2 Management of Subclinical Thyroid Dysfunction**

- 6:20pm-6:45pm AOTA – Yasuyo Nakajima (AOTA)
- 6:45pm-7:10pm ATA – David Cooper (ATA)
- 7:10pm-7:35pm ETA / EUGOGO – Bernadette Biondi (ETA)
- 7:35pm-8:00pm LATS – Ana Orlandi (LATS)



Thursday, December 17, 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 1

Iodine and thyroid diseases: lessons from a 20-year follow-up – Zhongyan Shan (AOTA)

8:45am – 10:00am

### Symposium 3 Thyroid Hormone Action in Development

8:45am-9:10am Neural development – Frederic Flamant (ETA)

9:10am-9:35am Retinal development – Kiara Eldred (ATA)

9:35am-10:00am Skeletal development – Davide Komla-Ebri (ETA)

### Symposium 4 Multidisciplinary DTC Care in the Era of Personalization

8:45am-9:10am Active surveillance – Yasuhiro Ito (AOTA)

9:10am-9:35am Extent of surgery – Quan-Yang Duh (ATA)

9:35am-10:00am Non surgical options – Enrico Papini (ETA)

10:30am – 11:10am

### Plenary 2

Selective use of tyrosine multi-kinase inhibitor therapy in patients with RR-DTC – Fabian Pitoia (LATS)

11:15am – 12:30pm

### Symposium 5 Surgical Management of Graves' Disease

11:15am-11:40am Classical thyroidectomy – Santiago Zund (LATS)

11:40am-12:05pm Remote access novel surgical approaches for thyroid surgery – Jonathan Russell (ATA)

12:05pm-12:30pm Orbital decompression, eye muscle and lid surgery – Ai Kozaki (AOTA)

### Symposium 6 Reproductive Outcomes of Subclinical Hypothyroidism

11:15am-11:40am Fertility impact – Haining Wang (AOTA)

11:40am-12:05pm Pregnancy impact – Jianxia Fan (AOTA)

12:05pm-12:30pm Offspring impact – Sima Nazarpour (AOTA)

2:00pm – 2:40pm

### Plenary 3

Nuclear receptor coregulators: modulators of thyroid hormone action in health and disease – Anthony Hollenberg (ATA)

2:45pm – 4:25pm

### Symposium 7 Thyroid Hormone Inflammation and Fibrosis

2:45pm-3:10pm Lung fibrosis – David H. Ingbar (ATA)

3:10pm-3:35pm Liver fibrosis – Ana Aranda (Spain)

3:35pm-4:00pm Inflammation – Anne van der Spek (ATA)

4:00pm-4:25pm Innate immunity – María del Mar Montesinos (LATS)

### Symposium 8 Anaplastic and Poorly Differentiated Thyroid Cancers

2:45pm-3:10pm Basic advancement – Won Gu Kim (AOTA)

3:10pm-3:35pm Epidemiology and pathogenesis – Ines Califano (LATS)

3:35pm-4:00pm Review of animal models – Antonio Di Cristofano (ATA)

4:00pm-4:25pm Treatment protocols – Ming Gao (AOTA)

4:30pm – 5:30pm

### Award Lecture-AOTA



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 Regulation of thyroid hormones on BAT – 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 Hojaij (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 Young 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  CSE

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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 Whan 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 Anderson (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

Hosted by:  ASIA & OCEANIA THYROID ASSOCIATION  CSE

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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**