

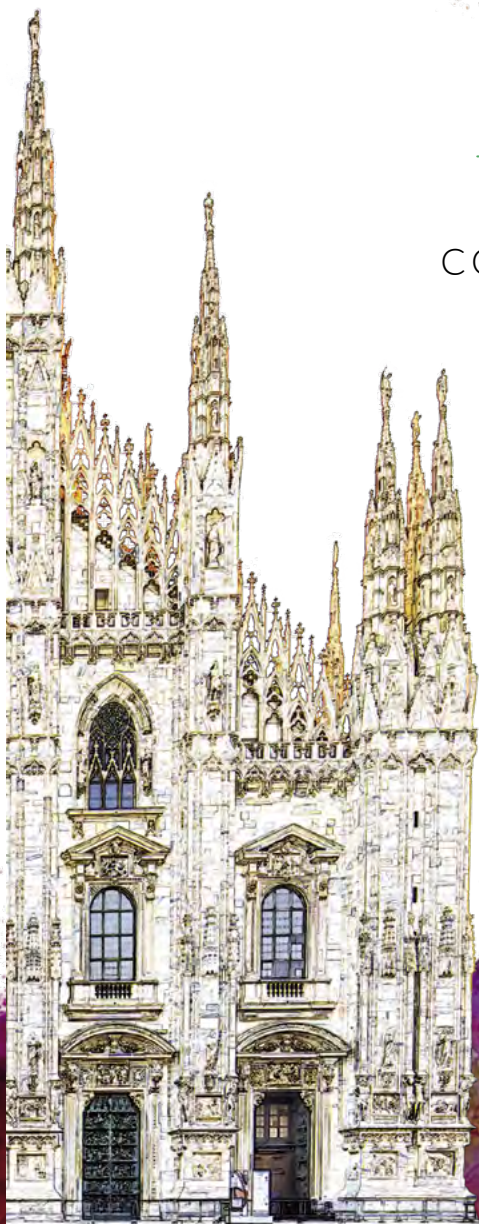


MILAN

9-12 SEPTEMBER 2023

CONFERENCE OVERVIEW

Clinical & Scientific
Update 2023
Scientific Programme



eta2023.com



The CONGRESS REGISTRATION DESK will operate the following hours:

| | | |
|-----------|------------|---------------|
| Friday, | 8th Sept. | 16:00 – 18:00 |
| Saturday, | 9th Sept. | 07:00 – 19:30 |
| Sunday, | 10th Sept. | 06:30 – 18:00 |
| Monday, | 11th Sept. | 06:30 – 17:30 |
| Tuesday, | 12th Sept. | 07:15 – 14:00 |

| COMMERCIAL EXHIBITION | | Opening times |
|-----------------------|------------|---------------|
| Saturday, | 9th Sept. | 10:00 – 18:00 |
| Sunday, | 10th Sept. | 07:00 – 18:00 |
| Monday, | 11th Sept. | 07:00 – 18:00 |
| Tuesday, | 12th Sept. | 08:00 – 12:30 |

| MEDIA CHECK | | Opening times |
|-------------|------------|---------------|
| Saturday, | 9th Sept. | 07:00 – 19:00 |
| Sunday, | 10th Sept. | 06:30 – 18:30 |
| Monday, | 11th Sept. | 06:30 – 18:00 |
| Tuesday, | 12th Sept. | 07:00 – 12:00 |

Programme Changes

The organisers do not assume liability for any changes in the programme due to external or unforeseen circumstances.

The 45th Annual Meeting of the European Thyroid Association has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) for a maximum of 25 European CME credits (ECMEC®s).

CLINICAL Update

BASIC Update

SCIENTIFIC & CLINICAL UPDATE

Subclinical hypothyroidism

Chairs: Tomasz Bednarczuk (Poland)
and Thomas Brix (Denmark)

08.30 **Does subclinical hypothyroidism add any symptoms?**
Allan Carle (Denmark)

**Prevalence, clinical relevance and effect
of treatment of subclinical hypothyroidism in:**

09.00 **Children**
Marek Niedziela (Poland)

09.25 **Women planning pregnancy and during pregnancy**
Sofie Bliddal (Denmark)

09.50 **Patients with obesity and metabolic syndrome**
Bernadette Biondi (Italy)

10.15 **Elderly patients**
Simon Pearce (United Kingdom)

10.20 Coffee Break 

11.10 **Levothyroxine replacement therapy: use and overuse**
Leonidas Duntas (Greece)

11.40 **Are changes in brand levothyroxine relevant?**
Eric Fliers (Netherlands)

12.10 Coffee Break 

Regulation of the hypothalamus-pituitary-thyroid axis in health and disease

Chairs: Lars Moeller (Germany)
and Marian Ludgate (United Kingdom)

09.00 **Introduction to the
hypothalamus-pituitary-thyroid (HPT)-axis.**
Ulla Feldt-Rasmussen (Denmark)

09.30 **Identification of genes regulating HPT-axis.**
Marco Medici (Netherlands)

10.00 **Molecular Basis of Congenital Hypopituitarism
and Related Disorders.**
Nadia Schoenmakers (United Kingdom)

10.30 **General discussion**

10.50 Coffee Break 

Chairs: Malgorzata Oczko-Wojciechowska (Poland)
and Edward Visser (Netherlands)

11.10 **In vivo modeling of HPT-axis using zebrafish**
Federica Marelli (Italy)

11.40 **Tanycytes control the hormonal output of the
hypothalamic-pituitary-thyroid axis.**
Helge Muller-Fielitz (Germany)

12.10 **Non-mammalian Models for the Study of
Developmental Hypothyroidism.**
Robert Opitz (Germany)

12.40 **General discussion**

13.00 **CLOSE**

SATURDAY

09.09.2023

08.30 - 13.00

SATURDAY

09.09.2023

09.00 - 13.00

SCIENTIFIC & CLINICAL UPDATE

08.00 INTRODUCTION

Romana Teodora Netea-Maier (Netherlands)

From the nodules to cancers and how to find them...

Chairs: Agnieszka Czarniecka (Poland)
and Markus Luster (Germany)

08.10 Is FDG-PET/CT a valuable alternative for the diagnostic surgical removal of a Bethesda 3-4 thyroid nodule?
Dennis Vriens (Netherlands)

08.30 Are we able to predict low-risk thyroid carcinoma preoperatively?
Jolanta Krajewska (Poland)

08.50 Rational and sustainable follow-up strategies for patients of thyroid carcinoma in the era of de-escalation
Livia Lamartina (France)


09.10 Intermediate risk thyroid carcinoma – molecular and clinical aspects
Miguel Melo (Portugal)

From genes to cancers and how to treat them...

Chairs: Maria Grazia Castagna (Italy)
and Katie Newbold (United Kingdom)

09.30 Genetic alterations in thyroid carcinoma: from biological behavior to therapeutic strategies
Cristina Romei (Italy)

09.50 Update on clinical trials/ new drugs to be soon approved
Laura Locati (Italy)

10.10 Coffee Break 

PLENARY LECTURE:

Chair: Clara Alvarez (Spain)

10.30 Recapitulating thyroid cancer histotypes through engineering embryonic stem cells
Chiara Modica (Italy)

11.15 Difficult cases with the international tumor board:

-Maria Grazia Castagna: leading Endocrinologist

-Agnieszka Czarniecka, surgeon

-Markus Luster, Nuclear Medicine expert

-Miguel Melo and Iñigo Landa: molecular studies

-Katie Newbold, Oncologist

- difficult ATC

Pepijn van Houten (Netherlands)

- difficult pediatric TC

Friederike Eilsberger (Germany)

- difficult MTC

Leslie Cheng (United Kingdom)

12.15 GENERAL ASSEMBLY

12.45 CLOSING REMARKS

SATURDAY

09.09.2023

08.00 - 13.00



SCIENTIFIC & CLINICAL UPDATE

SESSION I

08.00 **Registration and Coffee**

08.25 **INTRODUCTION**
Rodrigo Moreno-Reyes (Belgium)

Chairs: Silvia González Martínez (Spain)
and Ingibjörg Gunnarsdóttir (Iceland)

08.30 **Iodine deficiency in the WHO European Region:
A solution at the doorstep**
Maria Andersson (Switzerland)

08.50 **Impact of iodine supplementation in mild and moderate
iodine deficiency on cognitive function**
Peter Taylor (United Kingdom)

09.10 **Iodine nutrition with North Atlantic Living**
Stig Andersen (Denmark)

09.30 **Iodine prophylaxis in Poland:
Past, present and future**
Alicja Hubalewska-Dydejczyk (Poland)

09.50 **Coffee Break** 

SESSION II

Chairs: Attilio Caligiani (Belgium) and Massimo Tonacchera (Italy)

10.30 **Iodine nutrition in Italy:
Current status and perspectives**
Antonella Olivieri (Italy)

10.50 **Update on iodine nutrition in Denmark**
Line Tang Moellehave (Denmark)

11.10 **Barriers to salt iodization in Israel
- Time for a new approach?**
Aron Troen (Israel)

11.30 **Iodized salt: opportunities and challenges.
An industry perspective**
Michael Durst (Netherlands)

11.50 **“EUthyroid2” - What we need to improve iodine
fortification programmes**
Henry Völzke (Germany)

12.15 **LUNCH and CLOSE**

SATURDAY

09.09.2023

08.00 - 13.00

European
Thyroid
Association

Thyroid Ultrasound Course 2023

BASIC COURSE IN
DIAGNOSTIC THYROID
ULTRASOUND

SATURDAY

09.09.2023

08.00 - 13.00

ROOM 201



08.00 Kickoff event

The kickoff event introduces the course goals and the agenda

Cosimo Durante and Laszlo Hegedüs

Duration: 10 min

Activity #1

A presenting author introducing clinical cases
and asking questions

Cosimo Durante

Audience televoting on questions

Expert panels reacting to the answers

Andrea Frasoldati, Giovanni Mauri, Enrico Papini,
Gilles Russ, Tamás Solymosi

Take home messages

Cosimo Durante

Duration: 80 min

Activity #2

Clinical cases in small subgroups (n=10) with a tutor

Then all subgroups join, and one member of each subgroup
presents the case to the whole group

Tutors:

Carla Colombo, Simone De Leo, Alessia Dolci, Andrea Frasoldati,
Salvatore Gitto, Giovanni Mauri, Enrico Papini, Gilles Russ,
Tamás Solymosi, Guia Vannucchi

Duration: 120 min

Hands-on sonography training

Real-time ultrasound examinations will be performed
on patient volunteers

Tutors:

Carla Colombo, Simone De Leo, Alessia Dolci, Andrea Frasoldati,
Salvatore Gitto, Giovanni Mauri, Enrico Papini, Gilles Russ,
Tamás Solymosi, Guia Vannucchi

Duration: 90 min

All participants who have successfully completed the course will receive
a "Certificate of attendance" issued by the European Thyroid Association

SCIENTIFIC
PROGRAMME

LUNCH
13:00 - 13:30
Exhibition Area

13:30 - 13:50 AULA MAGNA

OPENING Ceremony

Chairs: Luca Persani (Italy)
and Graham Williams (United Kingdom)

13:50 - 15:20 AULA MAGNA

ORAL Session 1:

**Highlights in Thyroidology
In Memory of Jacques Dumont**

Chairs: Luca Persani (Italy)
and Graham Williams (United Kingdom)

13:50 - 14:05 **OP-01-01**
PATIENT-DERIVED MEDULLARY THYROID
CANCER ORGANOID; A MODEL FOR PATIENT-
TAILORED DRUG AND TRACER SCREENING
Eline Jager (Netherlands)

14:05 - 14:20 **OP-01-02**
LONG-TERM OUTCOMES OF ACTIVE
SURVEILLANCE FOR LOW-RISK PAPILLARY
THYROID CARCINOMA: IS LIFELONG FOLLOW-
UP NECESSARY?
Iwao Sugitani (Japan)

14:20 - 14:35 **OP-01-03**
CIRCULATING MIR-14A AND MIR-21 PREDICT
GLUCOCORTICOID RESPONSE IN THYROID
EYE DISEASE
Jacopo Manso (Italy)

14:35 - 14:50 **OP-01-04**
SHOULD HYPOTHYROIDISM DURING
EARLY GESTATION BE REGARDED AS A
CONDITION OF OXIDATIVE STRESS?
Victor Pop (Netherlands)

14:50 - 15:05 **OP-01-05**
RNA GUANINE-QUADRUPLICES AS NOVEL
REGULATORS OF TRANSLATION AND
ALTERNATIVE SPLICING OF TR ALPHA
ISOFORMS
G. Sebastian Hönes (Germany)

15:05 - 15:20 **OP-01-06**
PHENOTYPIC DIFFERENCES IN RESISTANCE TO
THYROID HORMONE ALPHA: DIFFERENTIAL
RECRUITMENT OF COFACTORS BY THYROID
HORMONE RECEPTOR ALPHA 1 MUTANTS
Marcel Meima (Netherlands)

15:30 - 16:30

ROOM 208

Meet the
EXPERT

1

Robotic surgery of thyroid disease
Tom Vauterin (Belgium)

15:30 - 16:30

ROOM 201

Meet the
EXPERT

2

**Applications and pitfalls of Crispr
targeting in vivo and in vitro**
John Howard Duncan Bassett (United Kingdom)

SATURDAY

09.09.2023



15:30 - 16:30 AULA MAGNA

INDUSTRY Symposium 1

COFFEE BREAK
16:40 - 17:40
Exhibition Area

16:40 - 17:40 POSTER HALL

POSTER Session 1

| | |
|----------------|---|
| PS1-01-01 – 10 | Cancer Chair: Pilar Santisteban (Spain) |
| PS1-02-01 – 09 | Graves' Disease Chair: Diana Grove-Laugesen (Denmark) |
| PS1-03-01 – 09 | Miscellaneous 1 Chair: Corin Badiu (Romania) |
| PS1-04-01 – 09 | Nodules-surgery Chair: George Simeakis (Greece) |
| PS1-05-01 – 09 | Thyroid hormone diagnostics 1 Chair: Philippe Caron (France) |
| PS1-06-01 – 09 | Thyroid Cancer clinical 1 Chair: Antonio Matrone (Italy) |
| PS1-07-01 – 09 | Thyroid Cancer Diagnosis 1 Chair: Eleonora Molinaro (Italy) |
| PS1-08-01 – 09 | Translational 1 Chair: Ana Luisa Silva (Portugal) |
| PS1-09-01 – 09 | Thyroid Cancer Basic Chair: Elisa Stellaria Grassi (Italy) |
| PS1-10-01 – 09 | Thyroid Gland, Iodine & Autoimmunity Basic Chair: Marina Michalaki (Greece) |

17:50 - 19:20 AULA MAGNA

SCIENTIFIC Symposium 1: (clinical cancer)

Thyroid cancer and autoimmunity

Chairs: Gianlorenzo Dionigi (Italy)
and Thera Links (Netherlands)

17:50 - 18:15 **Thyroid autoimmunity and cancer:
a mouse model**
Fabiana Pani (France)

18:20 - 18:45 **Tg Ab in the management of thyroid cancer**
Thera Links (Netherlands)

18:50 - 19:15 **Thyroid autoimmunity and the outcome
of thyroid cancer**
Simone De Leo (Italy)

17:50 - 19:20 ROOM 208

SCIENTIFIC Symposium 2: (basic)

Epigenetics

Chairs: John Howard Duncan Bassett (United Kingdom)
and Giovanni Vitale (Italy)

17:50 - 18:15 **Overview of epigenetic investigation
in thyroid physiology**
Nicolas Buisine (France)

18:20 - 18:45 **Non-Mendelian contributors
to congenital hypothyroidism**
Luca Persani (Italy) and Davide Gentilini (Italy)

18:50 - 19:15 **Epigenetic and DNA responses
to thyroid hormone**
Monica Dentice (Italy)

19:25 - 19:55 AULA MAGNA

ETJ Lecture

Chair: Simon Pearce (United Kingdom)

MCT8 deficiency

– basic implications and therapeutic approaches
Heike Heuer (Germany)

SATURDAY

09.09.2023

SCIENTIFIC
PROGRAMME

EARLY BIRD BREAKFAST
06:30 - 07:00
Exhibition Area

07:00 - 08:00 ROOM 201

INDUSTRY Symposium 2

08:00 - 09:30 AULA MAGNA

SCIENTIFIC Symposium 3: (clinical)

Thyroid diseases in pregnancy and the neonate

Chairs: Stine Linding Andersen (Denmark)
and Alicja Hubaleska (Poland)

08:00 - 08:25 **Thyroxine treatment in recurrent miscarriage in euthyroid women with positive thyroid autoantibodies**
Peter Bisschop (Netherlands)

08:30 - 08:55 **Anti-thyroid drugs in pregnancy**
Onyebuchi Okosieme (United Kingdom)

09:00 - 09:25 **Diagnosis of transient congenital hypothyroidism**
Maria Cristina Vigone (Italy)

08:00 - 09:30 ROOM 208

SCIENTIFIC Symposium 4: (basic cancer)

Thyroid Cancer Basic:

New molecules for better treatments

Chairs: Clara Alvarez (Spain) and Rossella Elisei (Italy)

08:00 - 08:25 **Rare molecular alterations in thyroid cancer**
Efisio Puxeddu (Italy)

08:30 - 08:55 **SRC/RAC1 Pathway and other NIS Plasma Membrane Interactors in NIS regulation**
Ana Luísa Silva (Portugal)

09:00 - 09:25 **Novel molecular therapies inducing mitotic catastrophe in Anaplastic Thyroid Carcinomas**
Clara Alvarez (Spain)

COFFEE BREAK
09:30 - 10:00
Exhibition Area

10:00 - 11:00

AULA MAGNA

Meet the
EXPERT

3

How to design a clinical trial for advanced thyroid cancer
Lori Wirth (USA)

10:00 - 11:00

ROOM 208

Meet the
EXPERT

4

Guidelines on TED
Mario Salvi (Italy)

SUNDAY
10.09.2023



10:00 - 11:00

ROOM 201

ORAL Session 2**Thyroid hormone action in the brain**

Chairs: Eric Fliers (Netherlands) and Steffen Mayerl (Germany)

10:00 - 10:12

OP-02-01IMPACT OF THYROID HORMONE
TRANSPORT ON HIPPOCAMPAL
GABAERGIC AND GLUTAMATERGIC
SYSTEMS IN THE MOUSE CNS*Andrea Alcaide Martin (Germany)*

10:12 - 10:24

OP-02-02DEVELOPMENT OF AN IMAGE-BASED
METHOD FOR SPATIAL REGISTRATION OF
T₃-INDUCED CHANGES IN CELL TYPES AND
GENE EXPRESSION IN HUMAN CEREBRAL
ORGANOIDS*Audrey Bresser (Germany)*

10:24 - 10:36

OP-02-03EFFECTS OF MATERNAL ADMINISTRATION
OF TH-ANALOG SOBETIROME AND ITS
CNS-SELECTIVE PRODRUG SOB-AM₂ IN
MURINE MCT8-DEFICIENT FETUSES*Víctor Valcárcel-Hernández (Spain)*

10:36 - 10:48

OP-02-04UNRAVELLING THE EFFECTS OF THE
EFFECT OF MUTANT THR β IN CORTICAL
NEURON DIFFERENTIATION*Giuditta Rurale (Italy)*

10:48 - 11:00

OP-02-05MCT8 EXPRESSION CHANGES UNDER
PATHOPHYSIOLOGICAL CONDITIONS IN
THE ADULT HUMAN BRAIN*Jonas Rotter (Germany)*

11:10 - 12:10

AULA MAGNA

INDUSTRY Symposium 3

11:10 - 12:10

ROOM 208

INDUSTRY Symposium 4

LUNCH BREAK
12:20 - 13:20
Exhibition Area

12:20 - 13:20

POSTER HALL

POSTER Session 2

PS2-11-01 - 09

Miscellaneous 2

Chair: Nona Martirosyan (Armenia)

PS2-12-01 - 09

Nodules 1

Chair: Rodrigo Moreno-Reyes (Belgium)

PS2-13-01 - 10

Surgery

Chair: Gabriele Materazi (Italy)

PS2-14-01 - 09

Case Reports 1

Chair: Alessandro Antonelli (Italy)

PS2-15-01 - 09

Hyperthyroidism

Chair: Grigoris Effraimidis (Greece)

PS2-16-01 - 09

Thyroid Cancer clinical 2

Chair: Jolanta Krajewska (Poland)

PS2-17-01 - 09

Thyroid Cancer Diagnosis 2

Chair: Miguel Melo (Portugal)

PS2-18-01 - 09

Treatment 1

Chair: Livia Lamartina (France)

PS2-19-01 - 08

**Thyroid Hormone Transport
& Metabolism basic**

Chair: Soledad Barez-Lopez (Spain)

PS2-20-01 - 09

Thyroid hormone receptors basic

Chair: Marcel Meima (Netherlands)

SUNDAY

10.09.2023



13:30 - 14:30

AULA MAGNA

Meet the
EXPERT

5

**Transcriptomics analysis in
thyroid hormone action**
Soledad Barez-Lopez (Spain)

13:30 - 14:30

ROOM 208

Meet the
EXPERT

6

**Pitfalls in sonographic nodule diagnosis;
comparison of different risk stratification
systems and more**
Murat Erdogan (Turkey)

13:30 - 14:30

ROOM 201

ORAL Session 3

Signalling in TC

Chairs: Carla Colombo (Italy)
and Romana Netea-Maier (Netherlands)

13:30 - 13:42

OP-03-01
**PATIENT-DERIVED IN VITRO MODELS FOR
UNRAVELING MEDULLARY THYROID
CANCER MICROENVIRONMENT AND
THERAPY RESISTANCE**
Elisa Stellaria Grassi (Italy)

13:42 - 13:54

OP-03-02
**DETERMINATION OF THE ROLE OF MAP
KINASE AND PI3K/AKT SIGNALING
PATHWAYS IN THE REGULATION OF
MULTIDRUG RESISTANCE PROTEINS IN
THYROID CANCER**
Marlena Godlewska (Poland)

13:54 - 14:06

OP-03-03
**INVOLVEMENT OF MAPK-SCAFFOLD
PROTEINS IQGAP IN THYROID CANCER**
Carlos Carrasco López (Spain)

14:06 - 14:18

OP-03-04
**EXPLORING THE POTENTIAL OF SIGLEC15
AS NOVEL IMMUNOTHERAPEUTIC TARGET
IN (THYROID) CANCER:
FOCUS ON INNATE IMMUNE CELLS**
Martin Jaeger (Netherlands)

14:18 - 14:30

OP-03-05
**FROM NUCLEUS TO MITOCHONDRIA:
INSIGHTS INTO THE ROLE OF TERT IN
AGGRESSIVE PAPILLARY THYROID
CARCINOMAS**
Gabriele Pogliaghi (Italy)

SUNDAY

10.09.2023



14:40 - 16:40

AULA MAGNA

ORAL Session 4:
Young Investigator / Clinical + Translational

Chairs: Leonidas Duntas (Greece)
and Edward Visser (Netherlands)

- | | |
|---------------|--|
| 14:40 - 15:00 | OP-04-01 INTERACTION BETWEEN DIO ₂ POLYMORPHISMS AND LT ₄ TREATMENT ON PSYCHOLOGICAL WELL-BEING OUTCOMES AND CARDIOVASCULAR RISK FACTORS: A POPULATION-BASED CROSS-SECTIONAL STUDY IN UK BIOBANK <i>Christian Zinck Jensen (Denmark)</i> |
| 15:00 - 15:20 | OP-04-02 TEPROTUMUMAB-RELATED ADVERSE EVENTS IN THYROID EYE DISEASE: A MULTI- CENTER REAL WORLD STUDY <i>Shreya Shah (USA)</i> |
| 15:20 - 15:40 | OP-04-03 LONG-TERM OUTCOME OF THE THYROID FUNCTION IN GRAVES' DISEASE: A NATIONWIDE DANISH REGISTER STUDY <i>Anine Sophia Eriksen (Denmark)</i> |
| 15:40 - 16:00 | OP-04-04 THE ASSOCIATION BETWEEN MATERNAL THYROID FUNCTION AND LANGUAGE ACQUISITION IN OFFSPRING AGED 12 TO 37 MONTHS: AN ODENSE CHILD COHORT STUDY <i>Kamilla Ryom Riis (Denmark)</i> |
| 16:00 - 16:20 | OP-04-05 ACTIVE SURVEILLANCE: A FEASIBLE OPTION FOR INDETERMINATE THYROID NODULES <i>Arianna Ghirri (Italy)</i> |
| 16:20 - 16:40 | OP-04-06 CARDIAC FUNCTION DURING EARLY TREATMENT FOR DIFFERENTIATED THYROID CARCINOMA <i>Mirthe Links (Netherlands)</i> |

14:40 - 16:40

ROOM 208

ORAL Session 5:
Young Investigator / Basic

Chairs: Csaba Fekete (Hungary) and Domenico Salvatore (Italy)

- | | |
|---------------|---|
| 14:40 - 15:00 | OP-05-01 DEVELOPMENT AND SUCCESSFUL TREATMENT OF A NOVEL MOUSE MODEL FOR ANAPLASTIC THYROID CANCER <i>Yara Maria Machlah (Germany)</i> |
| 15:00 - 15:20 | OP-05-02 THYROID TUMOR MICROENVIRONMENT: DECONVOLUTION OF TUMOR COMPOSITION USING DNA METHYLATION DATA <i>Helena Rodríguez-Lloveras (Spain)</i> |
| 15:20 - 15:40 | OP-05-03 THE ROLE OF THYROID HORMONE TRANSPORTERS IN MACROPHAGE FUNCTION <i>Esmée Hoen (Netherlands)</i> |
| 15:40 - 16:00 | OP-05-04 MULTI-TRAIT ANALYSIS CHARACTERIZES THE GENETICS OF THYROID FUNCTION AND IDENTIFIES CAUSAL ASSOCIATIONS WITH CLINICAL IMPLICATIONS <i>Rosalie Sterenborg (Netherlands)</i> |
| 16:00 - 16:20 | OP-05-05 DISTINGUISHING BENEFICIAL LOCAL FROM ADVERSE SYSTEMIC THYROID HORMONE ACTION IN ALCOHOLIC LIVER DISEASE <i>Christoph Hoppe (Germany)</i> |
| 16:20 - 16:40 | OP-05-06 A MINIMALLY INVASIVE HUMAN BIOMARKER SYSTEM FOR THE ESTIMATION OF TISSUE THYROID HORMONE STATUS AND ITS APPLICATION IN AMIODARONE TREATED PATIENTS <i>Richárd Sinkó (Hungary)</i> |

SUNDAY

10.09.2023



LUNCH BREAK
16:40 - 17:40
Exhibition Area

17:10 - 18:10 AULA MAGNA

INDUSTRY Symposium 5

17:10 - 18:10 ROOM 208

INDUSTRY Symposium 6

18:20 - 19:50 AULA MAGNA

SCIENTIFIC Symposium 5: (clinical)

Thyroid disorders should be classified as WHO Non-Communicable Diseases

Chairs: Leonidas Duntas (Greece) and Mario Rotondi (Italy)

18:20 - 18:45 **Thyroid diseases and cardiovascular risk**
Nicolas Rodondi (Switzerland)

18:50 - 19:15 **The intriguing connections of hypothyroidism
to lipids and lipidomics**
Jacqueline Jonklaas (USA)

19:20 - 19:45 **Thyroid diseases and diabetes mellitus**
Salman Razvi (United Kingdom)

18:20 - 19:50

ROOM 208

SCIENTIFIC Symposium 6: (basic)

Central Responses to Thyroid Hormone

Chairs: Lars Moeller (Germany)
and Edward Visser (Netherlands)

18:20 - 18:45 **TH Transporters in the Brain**
Heike Heuer (Germany)

18:50 - 19:15 **Mechanisms of the negative feedback regulation
of hypophysiotropic TRH neurons**
Csaba Fekete (Hungary)

19:20 - 19:45 **Neurogenesis and cell fate**
Sylvie Remaud (France)

19:55 - 20:30

AULA MAGNA

Harrington de Visscher Prize

Chairs: Leonidas Duntas (Greece)
and Graham Williams (United Kingdom)

SUNDAY
10.09.2023

SCIENTIFIC PROGRAMME

EARLY BIRD BREAKFAST
06:30 - 07:00
Exhibition Area

07:00 - 08:00 ROOM 208

INDUSTRY Symposium 7

08:00 - 09:30 AULA MAGNA

SCIENTIFIC Symposium 7: (translational)

Iodine uptake in the thyroid

Chairs: Nadia Schoenmakers (United Kingdom)
and Massimo Tonacchera (Italy)

- | | |
|---------------|--|
| 08:00 - 08:25 | NIS structure and disruption <i>Nancy Carrasco (USA)</i> |
| 08:30 - 08:55 | NIS expression and function in vivo <i>Jim Fagin (USA)</i> |
| 09:00 - 09:25 | Re-differentiation therapy targeting NIS <i>Christine Spitzweg (Germany)</i> |

08:00 - 09:30

ROOM 208

ORAL Session 6

Pregnancy

Chairs: Sofie Bliddal (Denmark) and Guia Vannucchi (Italy)

- | | |
|---------------|---|
| 08:00 - 08:18 | OP-06-01 ANTITHYROID DRUG EXPOSURE DURING 1,191,904 PREGNANCIES IN DENMARK: A 20-YEAR LONGITUDINAL STUDY BEFORE AND AFTER IMPLEMENTATION OF IODINE FORTIFICATION <i>Nanna Maria Uldall Torp (Denmark)</i> |
| 08:18 - 08:36 | OP-06-02 OPTIMIZING THE DUTCH NEWBORN SCREENING FOR CONGENITAL HYPOTHYROIDISM BY USING AMINO ACIDS AND ACYLCARNITINES VIA A MACHINE LEARNING BASED APPROACH. <i>Heleen Jansen (Netherlands)</i> |
| 08:36 - 08:54 | OP-06-03 THYROID FUNCTION IN CHILDHOOD IS ASSOCIATED WITH SEX, AGE, BMI, MATERNAL THYROID FUNCTION, PAX8 GENE METHYLATION <i>Giada Rossi (Italy)</i> |
| 08:54 - 09:12 | OP-06-04 CHANGES IN TSH SUPPRESSION DURING PREGNANCY REVEALS NOVEL MECHANISM FOR INCREASED THYROID HORMONE PRODUCTION: COMPARISON BETWEEN EUTHYROID AND THYROIDECTOMIZED PREGNANT WOMEN <i>Andrea Scuto (Italy)</i> |
| 09:12 - 09:30 | OP-06-05 THE ASSOCIATION OF GESTATIONAL THYROID FUNCTION WITH GESTATIONAL DIABETES MELLITUS: AN INDIVIDUAL PARTICIPANT META-ANALYSIS <i>Joris Osinga (Netherlands)</i> |

MONDAY

11.09.2023

COFFEE BREAK
09:30 - 11:00
Exhibition Area

10:00 - 11:00

AULA MAGNA

Meet the
EXPERT

7

The 2022 WHO classification
of thyroid neoplasms
Fernando Schmitt (Portugal)

10:00 - 11:00

ROOM 208

ORAL Session 7

Thyroid hormone receptors

Chairs: Krishna Chatterjee (United Kingdom)
and Annunziata Gaetana Cicatiello (Italy)

- | | |
|---------------|---|
| 10:00 - 10:12 | OP-07-01 MONOCYTE AND MACROPHAGE FUNCTION IS IMPAIRED IN PATIENTS WITH RESISTANCE TO THYROID HORMONE DUE TO A MUTATION IN THYROID HORMONE RECEPTOR ALPHA <i>Anne van der Spek (Netherlands)</i> |
| 10:12 - 10:24 | OP-07-02 TANUCYTIC THYROID HORMONE SIGNALLING IN THE REGULATION OF HYPOTHALAMIC FUNCTIONS AND HORMONE UPTAKE <i>Akila Chandrasekar (Germany)</i> |
| 10:24 - 10:36 | OP-07-03 RAPID SCREENING OF THRA VARIANTS PATHOGENICITY IN THE ZEBRAFISH MODEL <i>Federica Marelli (Italy)</i> |
| 10:36 - 10:48 | OP-07-04 CHARACTERIZING CELL-TYPE SPECIFIC ACTIVITIES OF TRALPHA₂ IN THE MODULATION OF THYROID HORMONE ACTION <i>Nina Härting (Germany)</i> |
| 10:48 - 11:00 | OP-07-05 THYROID HORMONE ACTION IN CHRONIC ISCHEMIC HEART DISEASE <i>Susanne Grund (Germany)</i> |

MONDAY

11.09.2023



11:10 - 12:10

AULA MAGNA

INDUSTRY Symposium 8
COFFEE BREAK
12:20 - 13:20
Exhibition Area

12:20 - 13:20

POSTER HALL

POSTER Session 3

| | |
|----------------|--|
| PS3-21-01 - 09 | Hypothyroidism <i>Chair: Birte Nygaard (Denmark)</i> |
| PS3-22-01 - 09 | Nodules 2 <i>Chair: Gerasimos Sykiotis (Switzerland)</i> |
| PS3-23-01 - 09 | Pregnancy <i>Chair: Alicja Hubalewska-Dydejczyk (Poland)</i> |
| PS3-24-01 - 09 | Thyroid Eye Disease <i>Chair: Thomas Brix (Denmark)</i> |
| PS3-25-01 - 09 | Case Reports 2 <i>Chair: Maria-Christina Burlacu (Belgium)</i> |
| PS3-26-01 - 09 | Thyroid hormone diagnostics 2 <i>Chair: Chantal Daumerie (Belgium)</i> |
| PS3-27-01 - 09 | Thyroid Cancer clinical 3 <i>Chair: Juan Carlos Galofré (Spain)</i> |
| PS3-28-01 - 09 | Translational 2 <i>Chair: Francesco Frasca (Italy)</i> |
| PS3-29-01 - 09 | Treatment 2 <i>Chair: Christine Spitzweg (Germany)</i> |
| PS3-30-01 - 09 | Thyroid Physiology in Periphery & Development Basic <i>Chair: Balasz Gereben (Hungary)</i> |

13:30 - 14:30

ROOM 208

ORAL Session 8
Hypothyroidism/Nodules

Chairs: Bernard Corvilain (Belgium)
and Francesco Latrofa (Italy)

| | |
|---------------|--|
| 13:30 - 13:42 | OP-o8-01 EVALUATION OF LEARNING METHODS SIMILAR TO DEEP LEARNING AND DEVICE USING DEEP LEARNING FOR THE DIAGNOSIS OF THYROID NODULES <i>Jin Young Kwak (Rep. of South Korea)</i> |
| 13:42 - 13:54 | OP-o8-02 INDIVIDUALS ON LEVOTHYROXINE HAVE HIGHER HADS ANXIETY AND DEPRESSION SCORES THAN THE GENERAL POPULATION AND THIS IS EXACERBATED BY THE THR₉₂ALA SUBSTITUTION IN DIO₂, PARTICULARLY AT HIGHER DOSES <i>Peter Taylor (United Kingdom)</i> |
| 13:54 - 14:06 | OP-o8-03 DIAGNOSTIC PERFORMANCE OF ULTRASOUND-BASED RISK STRATIFICATION SYSTEMS FOR THYROID NODULES: A SYSTEMATIC REVIEW AND META-ANALYSIS <i>Leehi Joo (Rep. of South Korea)</i> |
| 14:06 - 14:18 | OP-o8-04 TESTING FOR A CAUSAL ROLE OF THYROID HORMONE MEASUREMENTS WITHIN THE NORMAL RANGE: A SYSTEMATIC MENDELIAN RANDOMIZATION STUDY <i>Heba Alwan (Switzerland)</i> |
| 14:18 - 14:30 | OP-o8-05 THYROID HORMONE PROFILES IN INDIVIDUALS ON NON STANDARD THYROID HORMONE REPLACEMENT <i>Peter Taylor (United Kingdom)</i> |

MONDAY

11.09.2023

13:30 - 14:30

AULA MAGNA

Meet the
EXPERT

8

Human brain organoids: new models of
thyroid hormone action during neuronal
development

Robert Opitz (Germany)



ETA 2023 MILAN

14:40 - 15:40

AULA MAGNA

ORAL Session 9

Thyroid Eye Disease

Chairs: Mario Salvi (Italy) and Milos Zarkovic (Serbia)

14:40 - 14:52 OP-09-01
VRDN-001, A FULL ANTAGONIST
ANTIBODY TO IGF-1 RECEPTOR:
IN VITRO HARMACOLOGY AND PHASE 1/2
RESULTS IN PATIENTS WITH THYROID EYE
DISEASE (TED)
Raymond Douglas (USA)

14:52 - 15:04 OP-09-02
PRECLINICAL PHARMACOKINETICS AND
CLINICAL EXPOSURE PREDICTION FOR
VRDN-003, A NEXT-GENERATION HALF-
LIFE EXTENDED ANTIBODY TO THE IGF-1
RECEPTOR FOR THYROID EYE DISEASE
Kelly Foster (USA)

15:04 - 15:16 OP-09-03
LINSITINIB, AN IGF-1R INHIBITOR,
ATTENUATES DISEASE DEVELOPMENT AND
PROGRESSION IN A MODEL OF THYROID
EYE DISEASE
Anne Gulbins (Germany)

15:16 - 15:28 OP-09-04
NOVEL, RAPID, SENSITIVE BIOASSAY FOR
THYROTROPIN RECEPTOR STIMULATORY
ANTIBODIES- A MULTICENTER, SINGLE
BLIND STUDY
George Kahaly (Germany)

15:28 - 15:40 OP-09-05
CLINICAL AND VISUAL OUTCOMES OF
DYSTHYROID OPTIC NEUROPATHY AFTER
SURGICAL ORBITAL DECOMPRESSION
Mirco Armenti (Italy)

MONDAY

11.09.2023



14:40 - 15:40

ROOM 208

ORAL Session 10
Novel diagnostics in Thyroid Cancer

Chairs: Dagmar Führer-Sakel (Germany)
and Enrico Papini (Italy)

14:40 - 14:52

OP-10-01

IDENTIFICATION OF CLINICAL AND
HISTOPATHOLOGICAL RISK FACTORS
FOR RADIOACTIVE IODINE REFRACTORY
DISEASE IN PATIENTS WITH FOLLICULAR
AND HURTHLE CELL THYROID
CARCINOMA

Merel Stegenga (Netherlands)

14:52 - 15:04

OP-10-02

ROLE OF THE TELOMERE ABNORMALITIES
AND CHROMOSOME FRAGILITY ON THE
RISK OF SECOND MALIGNANT TUMOR IN
PAPILLARY THYROID CANCER PATIENTS

Laura Valerio (Italy)

15:04 - 15:16

OP-10-03

KI67 PROLIFERATIVE INDEX, BUT NOT
MITOTIC COUNT AND NECROSIS, IS A
PROGNOSTIC FACTOR IN PATIENTS WITH
MEDULLARY THYROID CANCER:
A SINGLE-CENTER RETROSPECTIVE
ANALYSIS ACCORDING TO THE 2022 WHO
PATHOLOGICAL CLASSIFICATION

Antonio Prinzi (Italy)

15:16 - 15:28

OP-10-04

IMPROVEMENT IN NECK ULTRASOUND
REPORT QUALITY FOLLOWING
IMPLEMENTATION OF ETA GUIDELINES
FOR POSTOPERATIVE CERVICAL
ULTRASOUND FOR THYROID CANCER
FOLLOW-UP, A PROSPECTIVE POPULATION
STUDY

Jiahui Wu (Canada)

15:28 - 15:40

OP-10-05

HYPOTHYROIDISM AND THE RISK OF
CANCER: A DANISH REGISTER-BASED
LONG-TERM FOLLOW-UP STUDY

Thea Riis (Denmark)

15:50 - 16:50

AULA MAGNA

INDUSTRY Symposium 9
COFFEE BREAK

16:50 - 17:15
Exhibition Area

17:15 - 18:00

AULA MAGNA

Short Call Abstracts

Chair: Laura Fugazzola (Italy)

**Selenium supplementation does not improve health related
quality of life inpatients with hypothyroidism due to
autoimmune thyroiditis: the chronic autoimmune
thyroiditis quality of life selenium trial (catalyst)**
Camilla Bøgelund Larsen, Denmark
**Universal screening to detect overt hypothyroidism
in pregnant women: a first-year interim analysis**
Stine Linding Andersen, Denmark
**DEHAL1 deficiency disrupts thyroglobulin homeostasis
and impairs iodine storage**
Pouya Alikhani, Spain

18:00 - 18:45

AULA MAGNA

Pinchera Prize Lecture

Chairs: Leonidas Duntas (Greece)
and Graham Williams (United Kingdom)

18:45 - 20:00

AULA MAGNA

ETA General Assembly

20:00-23:00

**NETWORK
DINNER**

Venue:
University,
Cortile 700

MONDAY

11.09.2023

SCIENTIFIC
PROGRAMME

07:15 - 07:55

AULA MAGNA

**The international TIRADS (I-TIRADS) project.
AN UPDATE**

Chair: Laszlo Hegedüs (Denmark)

07:15 - 07:25 **The International Thyroid Nodule Ultrasound
Working Group (ITNUWG) initiative**
Enrico Papini (Italy)

07:25 - 07:40 **The I-TIRADS lexicon project. Consensus
on US descriptors for thyroid nodules**
Cosimo Durante (Italy)

07:40 - 07:45 **Progress & next steps**
Laszlo Hegedüs (Denmark)

07:45 - 07:55 **Q&A**

08:00 - 08:30

AULA MAGNA

Research Grants Winner presentations 2020/2021

Chair: Kris Poppe (Belgium)

08:00 - 08:07 **3-iodothyronamine (T1AM) protects from brain
ischemia by modulating microglia-mediated
inflammation**
Grazia Rutigliano (Italy)

08:07 - 08:14 **Improving risk stratification in pediatric and
adolescent differentiated TC**
Livia Lamartina (France)

08:14 - 08:21 **Induced Pluripotent Stem Cells-derived neural
cells to model thyroid hormone signalling**
Nilhan Gunhanlar (Netherlands)

08:21 - 08:28 **A cortical organoid model for MCT8-deficient
syndrome to understand the timing and
mechanism of the myelination defects and to
develop a platform for personalized treatment**
Federico Salas (Spain / USA)

08:30 - 09:30

AULA MAGNA

A Year in...

Chairs: Tomasz Bednarczuk (Poland)
and Monica Dentice (Italy)

08:30 - 08:50 **A Year in Clinical thyroidology**
Carla Moran (Ireland)

08:50 - 09:10 **A Year in Basic Thyroidology**
Jens Mittag (Germany)

09:10 - 09:30 **A Year in Basic Cancer**
Garcilaso Riesco-Eizaguirre (Spain)

09:30 - 10:00

AULA MAGNA

Historical Vignette

The discovery of T3

Chair: Graham Williams (United Kingdom)

Speaker: **Peter Kopp** (Switzerland)

COFFEE BREAK
10:00 - 10:45
Exhibition Area

TUESDAY

12.09.2023



10:45 - 12:15

AULA MAGNA

ORAL Session 11
Autoimmunity/Hyperthyroidism

Chairs: Ulla Feldt-Rasmussen (Denmark)
and Maria Laura Tanda (Italy)

- | | |
|---------------|---|
| 10:45 - 11:03 | OP-11-01 EFFECT OF GLUTEN-FREE DIET ON AUTOIMMUNE THYROIDITIS PROGRESSION IN PATIENTS WITH NO HISTOLOGICAL CONFIRM OF CELIAC DISEASE: A META-ANALYSIS <i>Tommaso Piticchio (Italy)</i> |
| 11:03 - 11:21 | OP-11-02 SYSTEMATIC ASSESSMENT OF POLYAUTOIMMUNITY IN PATIENTS WITH ESTABLISHED LYMPHOCYTIC THYROIDITIS <i>Marco Centanni (Italy)</i> |
| 11:21 - 11:39 | OP-11-03 EFFECTS OF ACUTE TRIIODOTHYRONINE TREATMENT IN PATIENTS WITH ANTERIOR MYOCARDIAL INFARCTION UNDERGOING PRIMARY ANGIOPLASTY: DOES INFARCT SIZE MATTER? <i>Constantinos Pantos (Greece)</i> |
| 11:39 - 11:57 | OP-11-04 COMPARISON OF LONG-TERM MORTALITY AND CARDIOMETABOLIC EFFECTS OF TREATMENT FOR HYPERTHYROIDISM: EGRET STUDY <i>Barbara Torlinska (United Kingdom)</i> |
| 11:57 - 12:15 | OP-11-05 ASSOCIATION BETWEEN THYROID FUNCTION AND OSTEOARTHRITIS: A POPULATION-BASED COHORT STUDY <i>Yanning Xu (Netherlands)</i> |

10:45 - 12:15

ROOM 208

ORAL Session 12:
Emerging Insights into Thyroid Cancer Genetics

Chairs: Simone De Leo (Italy) and Paula Soares (Portugal)

- | | |
|---------------|---|
| 10:45 - 11:03 | OP-12-01 PROSPECTIVE EVALUATION OF THYROSPEC MOLECULAR TESTING OF INDETERMINATE THYROID NODULE CYTOLOGIES FOLLOWING DIAGNOSTIC PATHWAY OPTIMIZATION <i>Ralf Paschke (Canada)</i> |
| 11:03 - 11:21 | OP-12-02 COMPARATIVE ANALYSIS OF SOMATIC COPY NUMBER ALTERATIONS (SCNA) BETWEEN HÜRTLE CELL TUMORS (HCT) AND ONCOCYTIC VARIANT OF FOLLICULAR CELL DERIVED THYROID TUMORS (OV-FCDTT) <i>Sule Canberk (Portugal)</i> |
| 11:21 - 11:39 | OP-12-03 DIFFERENT HISTOLOGICAL VARIANTS IN MULTIFOCAL PTC ANALYZED BY NGS SHOW AN INDEPENDENT MOLECULAR ORIGIN <i>Teresa Ramone (Italy)</i> |
| 11:39 - 11:57 | OP-12-04 GENETICS OF FAMILIAL NON-MEDULLARY THYROID CARCINOMA - INVESTIGATION OF TWO FAMILIES' <i>Elisabete Teixeira (Portugal)</i> |
| 11:57 - 12:15 | OP-12-05 BRAF FUSION GENES IN A LARGE COHORT OF THYROID CARCINOMAS <i>Barbora Bulanova (Czech Republic)</i> |

TUESDAY

12.09.2023



12:25 - 13:55

AULA MAGNA

SCIENTIFIC Symposium 8: (clinical)

Complications of hyperthyroidism

Chairs: Ilaria Muller (Italy) and Wilmar Wiersinga (Netherlands)

12:25 - 12:50 **Thyroid periodic paralysis**
Jan Calissendorff (Sweden)

12:55 - 13:20 **Atrial fibrillation and anticoagulation procedures**
Grigoris Effraimidis (Greece)

13:25 - 13:50 **Thyroid storm**
Dorina Ylli (Albania)

12:25 - 13:55

ROOM 208

ORAL Session 13

Pathophysiological actions of thyroid hormones

Chairs: Anita Boelen (Netherlands) and Irene Campi (Italy)

12:25 - 12:43 **OP-13-01**
DEIODINASE TYPE 3 DEPLETION IN FIBROADIPOGENIC PROGENITORS IMPROVES REGENERATION OF DYSTROPHIC MUSCLE.
Cristina Luongo (Italy)

12:43 - 13:01 **OP-13-02**
INDUCED TYPES 2 AND 3 DEIODINASE IN THE MUSCLE OF CRITICALLY ILL PATIENTS CORRELATES WITH ENDOPLASMIC RETICULUM AND MITOCHONDRIA ALTERATIONS: IMPLICATIONS TO NONTHYROIDAL ILLNESS SYNDROME PATHOPHYSIOLOGY
Simone Wajner (Brazil)

13:01 - 13:19 **OP-13-03**
THYROID HORMONE SIGNALLING REGULATES BETA-CELL PATHOLOGICAL GROWTH, DEDIFFERENTIATION AND TRANSDIFFERENTIATION IN DIABETIC PANCREAS
Angelo Michele Lavecchia (Italy)

13:19 - 13:37 **OP-13-04**
VANDETANIB DOWNREGULATES TYPE 2 DEIODINASE IN FIBRO/ADIPOGENIC PROGENITORS
Tommaso Porcelli (Italy)

13:37 - 13:55 **OP-13-05**
THYROID HORMONE ACTION IN ACETAMINOPHEN-INDUCED ACUTE LIVER FAILURE
Manuela Kowalczyk (Germany)

14:05 - 14:20

AULA MAGNA

PRIZE CEREMONY and CLOSURE

Chairs: Laura Fugazzola (Italy) and Kris Poppe (Belgium)

TUESDAY

12.09.2023



Industry Sponsored Satellite Symposia

SATURDAY, 09.09.

| | | |
|---------------|---|------------|
| 15:30 - 16:30 | ETA Industry-sponsored Satellite Symposium 1: MERCK Healthcare KGaA-Darmstadt Hypothyroidism: Focus on its effects and on tissue changes | AULA MAGNA |
|---------------|---|------------|

SUNDAY, 10.09.

| | | |
|---------------|---|------------|
| 07:00 - 08:00 | ETA Industry-sponsored Satellite Symposium 2: HORIZON Therapeutics Ireland DAC The True Impact of Thyroid Eye Disease (TED) | ROOM 201 |
| 11:10 - 12:10 | ETA Industry-sponsored Satellite Symposium 3: Eli Lilly and Company and Bayer Consumer Care AG Working together in the management of advanced thyroid cancer | AULA MAGNA |
| 11:10 - 12:10 | ETA Industry-sponsored Satellite Symposium 4: VINDICO Medical Education IGF-1R: Pathophysiology in Thyroid Eye Disease and Rationale for Its Blockade | ROOM 208 |
| 17:10 - 18:10 | ETA Industry-sponsored Satellite Symposium 5: EISAI A practical guide to prehabilitation in DTC | AULA MAGNA |
| 17:10 - 18:10 | ETA Industry-sponsored Satellite Symposium 6: IMMUNOVANT, Inc. FcRn inhibition in Graves' hyperthyroidism and orbitopathy: Current perspectives in pathogenesis and treatment guidelines | ROOM 208 |

MONDAY, 11.09.

| | | |
|---------------|---|------------|
| 07:00 - 08:00 | ETA Industry-sponsored Satellite Symposium 7: QUIDEL Bioassays for TSH-R-AB: Methodology and relevance | ROOM 208 |
| 11:10 - 12:10 | ETA Industry-sponsored Satellite Symposium 8: IBSA Institut Biochimique SA Gut environment and hypothyroidism | AULA MAGNA |
| 15:50 - 16:50 | ETA Industry-sponsored Satellite Symposium 9: IPSEN Innovation S.A.S. Treatment sequencing in RAI-R DTC: A patient case in an evolving landscape | AULA MAGNA |

Notes

Merck Satellite Symposium
45th Annual ETA Meeting 2023 Milan

MERCK

Hypothyroidism: focus on its effects and on tissue changes

**Saturday, September 9th
3:30 to 4:30 PM CEST**

AGENDA

Chair:

Leonidas Duntas (Greece)

Etiology of hypo- thyroidism and its influence on the treatment

Antonio Bianco (US)

Changes in tissue sensitivity modify the thyroid hormone requirements

Luca Persani (Italy)

Consequences of undertreatment of hypothyroidism

Ulla Feldt-Rasmussen (Denmark)

Date of approval: 28/June/2023
GL-NONT-00057



This is an international medical-scientific symposium
organized and hosted by Merck Healthcare KGaA.

Frankfurter Str. 250, Darmstadt, Germany,
Phone: +49 6151 72 9978, www.merckgroup.com

Join us at ETA 2023 for a conversation on
**The True Impact of
Thyroid Eye Disease (TED)**

featuring



Gail Devers

Olympic gold medalist,
lives with Graves'
disease and TED



Mario Salvi, M.D.

Founder & Head of Graves
Orbitopathy Center,
University of Milan

Devers is a world-renowned track star who has been living with Graves' disease and TED for 30+ years. Hear the details of her quest to diagnosis and how endocrinologists play a key role in the comprehensive management of TED.

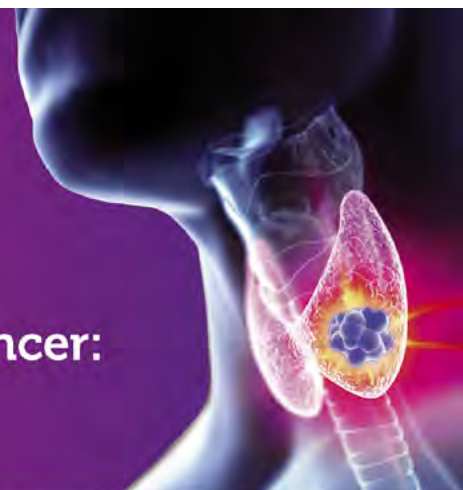
Sunday, 10 September
7 AM CEST
Room 201



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Satellite Symposium
European Thyroid Association 2023

Working together in
the **management of
advanced thyroid cancer:**
key considerations



Sunday, 10 September, 11:10–12:10 CEST, Aula Magna Room

Agenda

| | | |
|-------|---|---|
| 11:10 | Introduction and welcome | Rossella Elisei, Italy (Chair) Sophie Le Boulleux, Switzerland (Chair) |
| 11:15 | Rapidly evolving biomarker testing in thyroid cancer: optimising detection of molecular alterations | Giancarlo Pruneri, Italy |
| 11:30 | Discussion | All: moderated by Chairs |
| 11:45 | Making treatment decisions in the management of advanced thyroid cancer: right patient, right time and right treatment — illustration by clinical cases | Lori Wirth, US Moderated by Chairs |
| 12:05 | Closing remarks | Rossella Elisei, Italy |

Objectives

- > Discuss the benefits of collaborative working in the management of advanced thyroid cancer
- > Discuss shaping and optimisation of testing strategies to improve thyroid cancer biomarker testing
- > Accelerate the translation of clinical evidence into practice for better patient outcomes in the management of advanced biomarker-driven thyroid cancer
- > Exchange clinical experience in the management of biomarker-driven thyroid cancer



Rossella Elisei



Sophie Le Boulleux



Giancarlo Pruneri



Lori Wirth



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MA-PFM-ONC-IT-0003-1
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IGF-1R: Pathophysiology in THYROID EYE DISEASE

and Rationale for Its Blockade


Sunday, 10 September
11:10 - 12:10 | Room 208



Save to your calendar:
tinyurl.com/y6dnyrnn

AGENDA

- 11:10 Introduction**
George J. Kahaly, MD, PhD
- 11:15 Basic Findings and Rationale for Inhibiting the IGF-1R**
George J. Kahaly, MD, PhD
- 11:27 US Real-World Case Discussions: Treating Thyroid Eye Disease**
Sara Tullis Wester, MD
- 11:42 Monitoring and Managing Adverse Events of Targeted IGF-1R Therapy: What We Know Now**
Andrea Lora Kossler, MD
- 11:57 Posttest and Question & Answer**

This continuing education activity is provided by 

This activity is supported by an educational grant from Horizon Therapeutics Ireland DAC.

Held in conjunction with the 45th Annual Meeting of the European Thyroid Association.



GEORGE J. KAHALY, MD, PhD
Mainz, Germany



ANDREA LORA KOSSELER, MD, FACS
Palo Alto, CA, United States



SARA TULLIS WESTER, MD, FACS
Palo Alto, CA, United States

Eisai invites you to a promotional symposium at the 45th annual meeting of the European Thyroid Association

**Sunday,
10 September
2023**

17:10-18:10
**Aula Magna
Room**

A practical guide to prehabilitation in DTC

Join us and have your say as we discuss the role of prehabilitation in DTC and hear from our expert speakers about different strategies for making prehabilitation work in practice

- 17:10 Chair's welcome and introduction**
Professor Rossella Elisei, University of Pisa, Italy
- 17:15 The need for prehabilitation in DTC**
Professor Laura Locati, University of Pavia, Italy
- 17:30 Panel discussion: Making prehabilitation work in practice**
Professor Rossella Elisei, University of Pisa, Italy
Professor Laura Locati, University of Pavia, Italy
Professor Dagmar Führer, University of Duisburg-Essen, Germany
- 18:00 Audience Q&A**

This is a promotional symposium that has been organised and funded by Eisai.
Eisai products will be discussed during this session.
EMA-LENA-23-00093 Date of preparation: July 2023

Notes

45TH ANNUAL MEETING OF THE EUROPEAN THYROID ASSOCIATION

FcRn inhibition in Graves' hyperthyroidism and orbitopathy: Current perspectives in pathogenesis and treatment guidelines

Sunday, September 10, 2023

Satellite Symposium
sponsored by Immunovant, Inc.

University of Milan
Room 208
Via Festa del Perdono 7
20122 Milano, Italy

CHAIR AND MODERATOR

George J. Kahaly, M.D., Ph.D.
Johannes Gutenberg University Medical Center
Mainz, Germany

FACULTY

Luigi Bartalena, M.D.
University of Insubria at Varese
Varese, Italy

Simon Pearce, M.B., B.S.

Newcastle University
Newcastle upon Tyne, United Kingdom

AGENDA

| | | |
|--|-------------|-------------|
| Introduction | GJ Kahaly | 17:10-17:15 |
| Pathogenesis of Graves' hyperthyroidism and orbitopathy: Knowns and unknowns | S Pearce | 17:15-17:30 |
| Comparison of the EUCOGO Guidelines and the ETA/ATA Consensus | L Bartalena | 17:30-17:45 |
| FcRn inhibition in Graves' hyperthyroidism and associated orbitopathy | GJ Kahaly | 17:45-18:00 |
| Q&A and discussion panel | All Faculty | 18:00-18:10 |

 IMMUNOVANT

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06/23





Early riser symposium

Bioassays for TSH-R-AB: Methodology and relevance

Featured speakers:



Methodological progress

Paul D. Olivo, MD

Dr. Paul Olivo is a board-certified Internist with a background in molecular virology, infectious diseases, and the development of medical diagnostic devices. Extensive knowledge of the application of genetically engineered cells in bioassays for medical diagnostics.
St. Louis County, Missouri, United States



Clinical utility and relevance

George J. Kahaly, MD, PhD

Professor of Medicine and
Endocrinology / Metabolism at the
Johannes Gutenberg University (JGU)
Medical Center, Mainz, Germany



September 11, 2023



Breakfast: 6:30 – 7:00
Symposium: 7:00 – 8:00



Room 208

IBSA Satellite Symposium

Gut environment & hypothyroidism

Monday, September 11th, 2023

11.10 - 12.10

Aula Magna

University of Milan



Chairmen: **Laszlo Hegedüs** (Denmark) – **Mario Salvi** (Italy)

11.10-11.15 **Welcome and introduction**

Laszlo Hegedüs

11.15-11.40 **Translating microbiota research into patient benefit**

Julian Marchesi (United Kingdom)

11.40-12.05 **Impact of the gut environment on treatment of hypothyroidism**

Camilla Virili (Italy)

12.05-12.10 **Closing remarks and discussion**

Mario Salvi

Sponsored by:

IBSA Institut Biochimique SA
Via del Piano 29, 6915 Lugano, Switzerland
www.ibsagroup.com



Caring Innovation

Notes

2023 ETA Ipsen-sponsored
satellite symposium:

TREATMENT SEQUENCING IN RAI-R DTC: A PATIENT CASE IN AN EVOLVING LANDSCAPE

AGENDA

FACULTY:



Laura Fugazzola
Italy – **Chair**



Jaume Capdevila
Spain



Marcia Brose
USA

Welcome and introduction 15:50

**Initiating systemic therapy in
RAI-R DTC: when and what to use?** 15:55

**Treatment sequencing in
RAI-R DTC: how to approach
2L systemic therapy?** 16:10

**Patient management during
RAI-R DTC systemic therapy:
what are the available strategies?** 16:25

Q&A 16:40

Monday 11th September
15:50 – 16:50 CEST
Milan, Italy
Room: Aula Magna

This is an educational, non-promotional meeting organised and funded by Ipsen.
This symposium is faculty led.
CBZ-ALL-004477. Date of preparation: July 2023

 **IPSEN**
Innovation for patient care

46th Annual Meeting of the European Thyroid Association

www.eta2024.com



7-10 September
2024
Athens Conservatoire
Greece

Transparency Declaration

The Executive Committee and the Standing Office of the ETA are most grateful to the following ETA Corporate members and all other sponsors for their generous logistical support of the ETA 2023 Annual Meeting

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| Bayer Ltd | 10.500 € for a shared satellite symposium 500 € for a display |
| Bayer S.p.A. | 3.000 € for an exhibition space |
| Biocartis MV | 3.000 € for an exhibition space |
| biolitec biomedical technology GmbH | 3.000 € for an exhibition space |
| ECO Medical Technology Co., Ltd. | 3.000 € for an exhibition space |
| Egetis Therapeutics AB | 3.000 € for an exhibition space |
| Eisai Europe Ltd. | 20.000 € for a satellite symposium 12.000 € for an exhibition space |
| Eli Lilly and Company | 10.500 € for a shared satellite symposium 500 € for a display |
| ESAOTE | Provision of ultrasound machines |
| Horizon Therapeutics Ireland DAC | 15.000 € for a satellite symposium 6.000 € for an exhibition space |
| IBSA Institut Biochimique SA | 30.000 € for a satellite symposium 12.000 € for an exhibition space |
| Immunovant, Inc. | 20.000 € for a satellite symposium |
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| Merck KGaA | 30.000 € for a satellite symposium 12.000 € for an exhibition space |
| piur imaging GmbH | 3.000 € for an exhibition space |
| Quidel | 15.000 € for a satellite symposium 3.000 € for an exhibition space |
| RF Medical Co. Ltd | 3.000 € for an exhibition space |
| Samsung | Provision of ultrasound machines |
| Savio Pharma Italia S.r.l. | 3.000 € for an exhibition space |
| STARmed Co., Ltd. | 6.000 € for an exhibition space |
| Vindico Medical Education | 20.000 € for a satellite symposium 1.000 € for a display |
| Viridian Therapeutics Inc. | 3.000 € for an exhibition space 2.500 € for display |

EXHIBITOR PLAN

Registration

CORTILE D'ONORE

Booth Company

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|----|-------------------------------------|
| 1 | MERCK Healthcare |
| 2 | Eisai Europe Ltd . |
| 3 | IBSA Institut Biochimique SA |
| 4 | STARmed Co. Ltd. |
| 5 | Quidel |
| 6 | RF Medical Co. Ltd. |
| 7 | Egetis Therapeutics AB |
| 8 | ECO Medical |
| 9 | Bioscientifica |
| 10 | Horizon Therapeutics |
| 11 | Bayer S.p.A. |
| 12 | SAVIO PHARMA Italia s.r.l. |
| 13 | Viridian Therapeutics Inc. |
| 14 | biolitec biomedical technology GmbH |
| 15 | Biocartis MV |
| 16 | piur imaging GmbH |

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MILAN

European THYROID Association
2023

see you next year in Athens