

9th 10th

December 2026

NAPLES - ITALY

XV MOLECULAR CYTOPATHOLOGY

Meeting Director:
Giancarlo Troncone

Meeting Co-Chairs:
Sinchita Roy-Chowdhuri
Maria Dolores Lozano

Meeting Secretariat:
Mariantonia Nacchio

Meeting Organizer:
Concerto SRL

under the patronage of (on request):



REGIONE CAMPANIA



Congress Center “Hotel Royal Continental”
Via Partenope 38/44 – Napoli, ITALIA



Molecular
CYTOPATHOLOGY

RAZIONALE

The 15th Edition of the Molecular Cytopathology Meeting will highlight the evolving role of cytopathologists in managing small tissue samples, at the crossroads of morphology and precision oncology. As cytology and small biopsies increasingly converge in both workflow and diagnostic relevance, the meeting will explore new opportunities for integration in molecular testing, reporting systems, and daily practice. Through multidisciplinary, organ-based sessions, and with the participation of leading national and international experts, the program will address current challenges as well as future perspectives in small sample diagnostics, with the goal of redefining the role of cytopathology within modern oncologic pathways



FACULTY

Derek B. Allison
Giovanni Antonelli
Zubair W. Baloch
Livia Barba
Massimo C.P. Barberis
Claudio Bellevicene
Sule Canberk
Maria Grazia Chiofalo
Yosep Chong
Anna Crescenzi
Elvio D'Addato
Giovanni De Chiara
Guido Fadda
Gerardo Ferrara
Giacomo Gazzano
Diego Gerbasio
Annarita Gencarelli
Ivana Kholova
Vincenzo L'Imperio
Maria D. Lozano
Cristina Luongo
Umberto Malapelle
Stefania Masone
Ritu Nayar
Vincenzo Novizio
N. Paul Ogori
Francesco Pepe
Tommaso Porcelli
Jyanyu Rao
Cioly Rivero Colmenarez
Esther Diana Rossi
Sinchita Roy-Chowdhuri
Niels Rupp
Domenico Salvatore
Fernando C. Schmitt
Stefano Spiezia
Giovanni Tallini
Giancarlo Troncone
Clara Ugolini
Philippe Vielh
Elena Vigliar
Marco Volante
Danijela Vrdoljak-Mozetič
Jennifer Wang

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Naples
Pisa
Paris
Naples
Torino
Rijeka
Houston



December **2026**

- 09:00** **Welcome Message and Introduction to the Meeting**
Giancarlo Troncone, Sinchita Roy-Chowdhuri, Maria D. Lozano
- 09:30** **Lecture**
Why Do We Need Molecular Testing in Classification Systems?
Fernando C. Schmitt

SESSION I

LUNG

- Chairs:** *Giacomo Gazzano, Cioly Rivero Colmenarez*
- 10:00** **AI algorithm to identify tumor microenvironment heterogeneity in mouse and human non-small cell lung carcinomas**
Derek Allison
- 10:20** **The updated CAP/IASLC/AMP guidelines for lung molecular testing**
Sinchita Roy-Chowdhuri
- 10:40** **Blood based Liquid Biopsy**
Umberto Malapelle
- 11:00** **Non-Blood Liquid Biopsy**
Francesco Pepe
- 11:20** **Urine Based Liquid Biopsy**
Jianyu Rao
- 11:40** **TROP**
Vincenzo L'Imperio
- 12:00** **Q&A Session**
- 12:30** **Coffee break**
- 13:00** **Lecture**
Clinical Trials: Cosa di Nuovo per il Patologo?
Massimo C. P. Barberis
- 13:30** **Lunch break**



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SESSION II

**SWINGING MILAN:
WHEN MORPHOLOGY MEETS MOLECULAR TESTING**

Chairs: *Zubair W. Baloch, Philippe Vielh*

14:30 We Need to Talk About SUMP

Ivana Kholova

14:50 Molecular Techniques: The New Fashion

Niels Rupp

15:10 Why Is Molecular Testing Underutilized in Salivary Gland Cytopathology?

Esther Diana Rossi

15:30 Q&A Session

SESSION III

**PREDICTIVE IMMUNOCYTOCHEMISTRY:
THE PATH FOR STANDARDIZATION**

Chairs: *Sule Canberk, Sinchita Roy-Chowdhuri*

**16:00 From Established to Emerging Biomarkers: The Growing
Role of Predictive Immunocytochemistry in Cytology**

Maria D. Lozano

16:20 PD-L1: Standardization

Ivana Kholova

16:40 What's New? FR- α Expression Level in Cytology

Elena Vigliar

17:00 Q&A Session

18:00 Closing remarks



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SESSION IV

CLASSIFICATION SYSTEMS AND MOLECULAR TESTS IN THYROID CYTOPATHOLOGY

Chairs: *Guido Fadda, Clara Ugolini*

- 09:00** **The Current Status of Thyroid Cytology in the Era of New Classifications, Molecular Profiling, and Clinical Risk Stratification**
Sule Canberk
- 09:30** **The fascinating history of papillary thyroid carcinoma nuclei: revelation of two nuclear morphologies “Classical papillary” and “papillary-like”, with different pathobiologic characteristics**
N. Paul Otori
- 10:00** **Nuclear Atypia in the Framework of TBSRTC**
Zubair W. Baloch
- 10:20** **PRECISE: A prognostic thyrocyte-derived gene signature for thyroid carcinoma**
Jennifer Wang
- 10:40** **Nuclear Atypia in the Framework of ITRCC 2025**
Anna Crescenzi
- 11:00** **Coffee break**
- 11:30** **Molecular Tests and ITRCC 2025**
Giovanni Tallini
- 11:50** **Molecular Testing Application Beyond Indeterminate Categories**
Marco Volante



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- 12:10 The Evolution of the “TIRNET” Project in the Campania Region**
Claudio Bellevicine, Giancarlo Troncone
- 12:30 ESP Survey on the Current Practice of Thyroid Fine-Needle Aspiration Cytology**
Giancarlo Troncone
- 12:40 Discussion with TIRNET Experts**
Domenico Salvatore, Vincenzo Novizio, Stefania Masone, Elvio D’Addato, Giovanni De Chiara, Stefano Spiezia, Maria Grazia Chiofalo, Giovanni Antonelli, Diego Gerbasio, Annarita Gencarelli, Livia Barba, Cristina Luongo, Tommaso Porcelli, Gerardo Ferrara
- 12:50 Update on Educational Cytopathology**
- 13:00 Lunch break**
- 14:00 Lecture**
Cytopathology Training in Europe
Danijela Vrdoljak-Mozetič
- 14:30 Lecture**
Cytopathology Training in USA
Ritu Nayar
- 15:00 Oral free papers reserved for young pathologists/trainees**
- **Presentation n 1**
 - **Presentation n 2**
 - **Presentation n 3**
 - **Presentation n 4**
 - **Presentation n 5**
 - **Presentation n 6**
- 16:30 Q&A Session**
- 16:45 Final lecture**
AI in cytology
Yosep Chong
- 17:15 – 17:30 Closing Remarks**
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Evento ECM n. 700-485515 ed. 1

13 crediti formativi ECM per:

**Biologo; Tecnico Sanitario Laboratorio Biomedico;
Medico Chirurgo [Endocrinologia; Genetica medica;
Medicina interna; Oncologia; Radioterapia; Chirurgia
generale; Anatomia Patologica; Biochimica clinica; Medicina
nucleare; Patologia Clinica (Laboratorio di Analisi Chimico-
Cliniche e Microbiologia) Radiodiagnostica]**

Official language

English – NO simultaneous translation

Recording

**The full meeting will be recorded and made available for
later viewing for six months after the end of the meeting,
only for attendees.**

Printed program not available

**To reduce the environmental impact of the congress, the
production of printed materials will be limited as far as
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