

Napoli - ITALY

5th | 6th DECEMBER 2022

Congress Center "Federico II" - Via Partenope, 36 - Naples, ITALY

XI MOLECULAR CYTOPATHOLOGY

Meeting Director

Giancarlo Troncone

Meeting Co-Chairs

Sinchita Roy-Chowdhuri

Maria Dolores Lozano Escario

Meeting Secretariat

Mariantonia Nacchio

Meeting Organizer

Concerto Srl

METODOLOGIE DI ANATOMIA PATOLOGICA PER LO STUDIO DI MARCATORI PREDITTIVI DI RISPOSTA TERAPEUTICA

Master Universitario di I livello Dipartimento di Sanità Pubblica,
Università degli Studi di Napoli Federico II

Direttore del Master: Prof. Giancarlo Troncone

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It is a with great pleasure to invite you to the XI Edition of the Molecular Cytopathology Congress, that will be held in person in Naples on the 5th and the 6th of December

This International Congress, started as a focus on a diagnostic niche in the cytopathology field, has growth along with the introduction of an increasingly number of molecular tests for predictive and diagnostic purpose.

Moreover, the introduction of these new molecular techniques has challenged our daily routine practice that has shifted from a microscopic-only approach to a multidisciplinary one, in which the molecular biologist has become a valuable partner in the diagnostic work-up. The XI Edition of Molecular Cytopathology Congress will provide a perspective on the evolution of molecular pathology in the field of cytopathology with updates on cytological and molecular issues.

GENERAL INFO

Meeting “in presence” - ECM CREDITS ONLY

ECM EVENT N. 700-364771 ed. 1 – **14** ECM CREDITS

Il convegno è destinato a:

Biologo; Tecnico Sanitario Laboratorio Biomedico; Medico Chirurgo (Endocrinologia; Genetica Medica; Malattie metaboliche e diabetologia; Medicina e Chirurgia di accettazione e di urgenza; Medicina Interna; Oncologia; Radioterapia; Chirurgia Generale; Anatomia Patologica; Biochimica Clinica; Laboratorio di Genetica Medica; Medicina Nucleare; Radiodiagnostica; Chirurgia Toracica; Otorinolaringoiatria; Urologia)

Obiettivo formativo: CONTENUTI TECNICO-PROFESSIONALI (CONOSCENZE E COMPETENZE) SPECIFICI DI CIASCUNA PROFESSIONE, DI CIASCUNA SPECIALIZZAZIONE E DI CIASCUNA ATTIVITÀ ULTRASPECIALISTICA, IVI INCLUSE LE MALATTIE RARE E LA MEDICINA DI GENERE.

Meeting “on-line” - European CME credits (ECMEC®s) ONLY

Virtual meeting on Concerto platform.

Participants registered to attend the virtual meeting will receive an e-mail containing congress link and password.

11 European CME credits (ECMEC®s)

Faculty

Syed Z. Ali, Baltimore

Massimo Barberis, Milan

Claudio Bellevicine, Naples

Andrea Bianco, Naples

Sule Canberk, Porto

Caterina De Luca, Naples

Albino Eccher, Verona

Paul Hofman, Nice

Jason Hornick, Boston

Maria Dolores Lozano Escario, Pamplona

Umberto Malapelle, Naples

Sabine Merkelbach-Bruse, Cologne

Ritu Nayar, Chicago

Rupp Niels, Zurich

Silvia Novello, Turin

Fabio Pagni, Monza

Esther Diana Rossi, Rome

Sinchita Roy-Chowdhuri, Texas

Domenico Salvatore, Naples

Spasenija Savic Prince, Basel

Fernando C. Schmitt, Porto

Giovanni Tallini, Bologna

Rocco Trisolini, Rome

Giancarlo Troncone, Naples

Paul Vanderlaan, Boston

Philippe Vielh, Paris

Elena Vigliar, Naples

Vivian Weiss, Nashville

Pio Zeppa, Salerno

5 December

- 9:00 AM **Welcome Message**
Matteo Lorito, University of Naples Federico II, Rector
Maria Triassi, Dean of the University of Naples Federico II Medical School
Giuseppe Longo, General Manager University Hospital Federico II
Maria Rosaria Romano, Dirigente UOD 5004 Assistenza Ospedaliera Regione Campania
Filippo Fraggetta, President of the Italian Society of Pathology and Cytopathology (SIAPEC)
Giancarlo Troncone, Head of the Department of Public Health, University of Naples Federico II
Lucio Palombini, Emeritus Professor of Pathology, University of Naples Federico II
- 9:30 AM **Introduction to the meeting**
Giancarlo Troncone
- I session: The future of Cytopathology**
Chairs: Giancarlo Troncone, Philippe Vielh, Maria Dolores Lozano Escario
- 10:00 AM **New Paradigms in Education and Cytopathology**
Ritu Nayar
- 10:20 AM **Molecular cytopathology: an overview**
Fernando Schmitt
- 10:40 AM **The interventional cytopathologist**
Elena Vigliar
- 11:00 AM **Questions & Answers**
- 11:30 AM **Coffee break**
- 12:00 PM **Digital Cytopathology**
Albino Eccher
- 12:20 PM **Organoids and Fine Needle Aspiration**
Vivian Weiss

5 December

- 12:40 PM **Liquid biopsy**
Umberto Malapelle
- 1:00 PM **Questions & Answers**
- 1:30 PM **Lunch**
- II session: Emerging Biomarkers**
Chairs: Sinchita Roy-Chowdhuri, Fernando Schmitt
- 2:30 PM **Assessing protein correlates of molecular genetic alterations: “Next-generation” Immunohistochemistry**
Jason Hornick
- 2:50 PM **RET testing: fusions and point mutations**
Giovanni Tallini
- 3:10 PM **Next generation technologies for gene fusion detection**
Spasenija Savic Prince
- 3:30 PM **Questions & Answers**
- 4:00 PM **Coffee break**
- 4:30 PM **BRCA testing on cytology for Ovarian Cancer**
Massimo Barberis
- 4:50 PM **MET: mutation, exon skipping and amplification**
Sabine Merkelbach-Bruse
- 5:10 PM **NGS for gene fusion detection in salivary glands**
Rupp Niels
- 5:30 - 6:30 PM **Questions & Answers**

6 December

III session: Thyroid

Chairs: Domenico Salvatore, Pio Zeppa

- 9:00 AM **Overview on the Revised Bethesda classification**
Syed Ali
- 9:20 AM **FNA pitfalls of thyroid cystic lesions**
Esther Diana Rossi
- 9:40 AM **Molecular testing in thyroid pediatric patients: American prepectives**
Molecular testing in thyroid pediatric patients: European perspectives
Vivian Weiss, Sule Canberk
- 10:20 AM **Questions & Answers**
- 11:00 AM **Coffee break**
- 11:20 AM **Proteomic in Thyroid Cytopathology**
Fabio Pagni
- 11:40 AM **AUS/FLUS: can we do better?**
Paul Vanderlaan
- 12:00 PM **Laboratory-developed molecular tests for thyroid FNAs**
Claudio Bellevicine
- 12:20 PM **Questions & Answers**
- 1:00 PM **Lunch**
- IV session: Lung**
Chairs: Spasenija Savic Prince, Andrea Bianco
- 2:00 PM **Non-Small Cell Lung Cancer: the paradigm of precision oncology**
Silvia Novello

6 December

- 2:20 PM **Management of Cytopathological samples: perspective from Interventional Pneumologist**
Rocco Trisolini
- 2:40 PM **The evolution of Molecular Pathology in NSCLC**
Sinchita Roy-Chowdhuri
- 3:00 PM **Questions & Answers**
- 3:30 PM **Coffee break**
- 4:00 PM **Immunotherapy and lung cytology**
Maria Dolores Lozano Escario
- 4:20 PM **Still a room for single gene test in NSCLC? Workflow**
Caterina De Luca
- 4:40 PM **How to implement Liquid Biopsy in Europe**
Paul Hofman
- 5:00 PM **Questions & Answers**
- 5:30 - 6:00 PM **Closing remarks**
Giancarlo Troncone, Sinchita Roy-Chowdhuri,
Maria Dolores Lozano Escario

THANKS TO:

Agilent Technologies Italia Spa

Arrow Diagnostics Srl

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Cytosens

Diatech Pharmacogenetics

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