

# Molecular Medicinals: from congenital to acquired hematological diseases

Lecce, June 3rd, 2025

Cnr Nanotec - Aula Rita Levi Montalcini

13:00 - 14:00	<b>Welcome reception and registration</b>
14:00 - 14:30	<b>Welcome Adress and Overview of the scientific vision of TecnoMed</b> <b>FABRIZIO ILLUMINATI</b> (Director, CNR Nanotec; Full Professor of Theoretical Physics, Department of Industrial Engineering, University of Salerno – Italy) <b>GIUSEPPE GIGLI</b> (Scientific Director Tecnomed Puglia, Lecce; Full Professor of Physics, Department of Experimental Medicine, University of Salento, Lecce - Italy) <b>Session 1. Molecular therapy for hemoglobinopathies</b> <i>Chairs :</i> <b>FABRIZIO ILLUMINATI</b> (Director CNR Nanotec; Full Professor of Theoretical Physics, Department of Industrial Engineering, University of Salerno – Italy) <b>ANNA RITA MIGLIACCIO</b> (Senior Investigator, Altius Institute for Biomedical Sciences – Seattle, USA and Cnr Nanotec, Lecce - Italy)
14:30 - 15:15	<b>Epigenetic regulation of erythropoiesis and its therapeutic implications</b> <b>NIKOLETA PSATHA</b> (Assistant Professor, Department of Genetics, Development and Molecular Biology - School of Biology, Aristotle University of Thessaloniki - Greece)
15:15 - 15:35	<b>Beta-hemoglobinopathies: more than one curative options</b> <b>EVANGELIA YANNAKI</b> (MD, Director Hematopoietic Cell Transplantation Unit and Gene & Cell Therapy Center of ‘G. Papanikolaou’ Hospital, Thessaloniki – Greece)
15:35 - 15:55	<b>Precision gene control by delivery of synthetic transcription factors in vitro and in vivo</b> <b>JOHN STAMATOYANNOPOULOS</b> (MD, Full Professor of Medicine and Genome Sciences, University of Washington; Director Altius Institute for Biomedical Sciences - Seattle, WA - USA)
15:55 - 16:15	<i>Coffee break</i>
	<b>Session 2. Molecular immune therapy for cancer</b> <i>Chairs:</i> <b>LORETTA L. DEL MERCATO</b> (Senior Researcher, Cnr Nanotec, Lecce - Italy) <b>THALIA PAPAYANNOPOULOU</b> (Elo Giblett Endowed Professor, Division of Hematology and Oncology, University of Washington – USA)
16:15 - 17:00	<b>The vision of the Myeloproliferative Neoplasms Research Consortium (MPN-RC) to improve the therapy for myelofibrosis</b> <b>RONALD HOFFMAN</b> (MD, Albert A. and Vera G. List Professor of Medicine, Professor of Hematology and Medical Oncology and Director of the Myeloproliferative Disorders Research Program -Tisch Cancer Institute, Icahn School of Medicine at Mount Sinai, New York - USA)
17:30 - 18:00	<b>Targeting HSC using LNP technology: strategies and potential applications</b> <b>STEFANO RIVELLA</b> (Ph.D. Kwame Ohene-Frempong Chair on Sickle Cell Anemia; Professor of Pediatrics - Children’s Hospital of Philadelphia; Leader of the RNA Gene Therapeutics Group - Penn Institute for RNA Innovation; Scientific Director of CuRED, Philadelphia - USA)
17:00 - 17:30	<b>Clinically oriented nanoparticles delivery systems for therapeutic agents</b> <b>ILARIA E. PALAMÀ</b> (Senior Researcher, Cnr Nanotec, Lecce - Italy)
13:00 - 18:00	<b>Poster session</b> <i>Chairs:</i> <b>TIZIANO VERRI</b> (Full Professor of Physiology, University of Salento, Lecce - Italy) <b>FRANCESCO DE NUCCIO</b> (PhD, Researcher of Human Anatomy, University of Salento, Lecce - Italy)
19:30	<b>Conclusions</b> <b>ANNA RITA MIGLIACCIO</b> (Senior Investigator, Altius Institute for Biomedical Sciences, Seattle - USA and Cnr Nanotec, Lecce - Italy)

SCIENTIFIC COMMITTEE

CHAIRS: GIUSEPPE GIGLI, FABRIZIO ILLUMINATI, ANNA RITA MIGLIACCIO

MEMBERS: LORETTA L. DEL MERCATO, ILARIA E. PALAMÀ, TIZIANO VERRI, FRANCESCO DE NUCCIO

SCIENTIFIC & ORGANIZATIONAL SECRETARIAT

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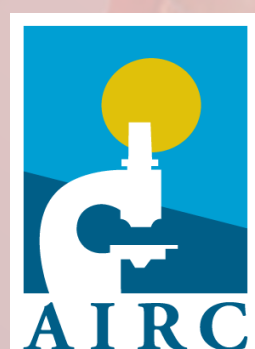
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The event is free to attend, but **registration is required in advance** via the following link:

<https://forms.gle/9MF94CEy9KYrgeq96>

Alternatively, you may scan the QR code to register