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5th International Conference on

Nano Chemistry & Nano Medicine

May 26-27, 2025 | Rome, Italy



S C I E N T I F I C P R O G R A M

08:30-09:00 Registrations

09:00-09:30 Introduction

09:30-09:50 COFFEE BREAK

09:50-11:50
Meeting Hall 01 **KEYNOTE LECTURES**

	MEETING HALL 01	MEETING HALL 02
11:50-13:10	Talks On: Nano Science and Technology Nanorobotics and Nanomanipulation Energy Conversion and Storage Food, Smart Agriculture, and Medicine	Talks On: Nano Catalysis for Sustainable Chemistry Photocatalysis: Light-Powered Reactions Electrocatalysis: Tiny Catalysts for Energy Nanostructured Catalysts and Nanoenzymes

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

	MEETING HALL 01	MEETING HALL 02
14:00-16:00	Talks On: Novel Nanomaterials and Their Applications Graphene: Beyond Basic Research – Real-World Applications Carbon Nanotubes: From Strong Materials to Electronic Applications Quantum Dots: Tiny Bright Dots for Better Detection Metal-Organic Frameworks (MOFs): Tiny Porous Structures	Talks On: Advanced Nanomaterials Present Position Of Nanotechnology And Cosmetic Products Nanoparticles Synthesis and Applications Nanomaterials in Lithium-Ion Batteries: Boosting Performance Nano-Antimicrobials: Combating Resistant Infections

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)

Young Researchers in
Nanotechnology

09:00-10:30
Meeting Hall 01**KEYNOTE LECTURES**10:30-10:50 **COFFEE BREAK**

	MEETING HALL 01	MEETING HALL 02
10:50-12:50	Talks On: Nano Medicine	Talks On: Nano-Enabled Diagnostic Tools
	Drug Delivery	Nanosensors: Spotting Diseases Early
	Regenerative Medicine	Lab-on-a-Chip: Tiny Labs for Quick Tests
	Nanoparticles in Cancer Therapy: Targeting Tumors Effectively	Nanoparticles in Imaging: Tiny Helpers for Better Scans
	Personalized Nanomedicine	Nano-Biosensors: Tiny Tools for Accurate Tests

12:50-13:35 **LUNCH BREAK**

	MEETING HALL 01	MEETING HALL 02
13:35-15:55	Talks On: Nano-Surgery and Advanced Therapies	Talks On: Nanotech for Energy and Environment
	Nanorobots in Surgery: Pioneering Minimally Invasive Procedures	Nanomaterials for Clean and Sustainable Technology
	Nanorobots in Surgery: Pioneering Minimally Invasive Procedures	Nanostructured Solar Cells: Enhancing Efficiency and Reducing Costs
	Ion Channels As Sensors	Green Nanotechnology: Designing Eco-Friendly Materials
	Lipids As Nano - Bricks And Mortar	Nanotech for Oil and Gas
	Nano-Enhanced Implants: Reducing Rejection and Improving Integration	Nano-Enabled Sensors for Environmental Monitoring

15:55-16:15 **COFFEE BREAK**

MEETING HALL 01 (16:15-17:00)

MEETING HALL 01 (17:00-18:00)

Poster Presentations

Workshop

Awards & Closing Ceremony

PAST AFFILIATES

Gerd Kaupp

University of Oldenburg, Germany

Haruo Sugi

Teikyo University of Medicine, Japan

Marissa J. Carter

Strategic Solutions, Inc., USA

Masaru Matsuo

Dalian University of Technology, China

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Inha University, Korea (South)

Mineo Hiramatsu

Meijo University, Japan

Myung Chul Chang

Kunsan National University, South Korea

Takahiro Maruyama

Takahiro Maruyama, Japan

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Nanyang Technological University, Singapore

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Hyung-Man Kim

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University of São Paulo, Brazil

Väino Sammelselg

University of Tartu, Estonia

Andriy Kovalenko

University of Alberta, Canada

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Shinshu University, Japan

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Harbin Institute of Technology, China

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Haider Butt

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Malik Maaza

*UNESCO UNISA Africa Chair in Nanosciences
& Nanotechnology, South Africa*

Rome Attractions



The forum



The Pantheon



st-peters-square



Colosseum



trevi-fountain



st peters basilica



vatican city



Monument to Garibaldi



Vittorio Emanuele II Monument

Glimpses of Nano Chemistry & Nano Medicine Conferences

