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**WORLD
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**SAPIENZA
UNIVERSITY
ROME**



**INTERNATIONAL
POLYAMINES
FOUNDATION ONLUS**

26th International Symposium on Molecular Medicine

2-4 November 2023

Grand Hotel Duca D'Este

Tivoli, Rome, Italy



Scientific Program

26th International Symposium on Molecular Medicine

26th International Symposium on Molecular Medicine

Scientific Program and Abstracts

SAPIENZA University of Rome
WORLD ACADEMY OF SCIENCE
Tivoli (Rome)-Italy
November 2-4, 2023

Under the auspices of



ORGANIZING COMMITTEE

Demetrios A. Spandidos , University of Crete, Greece
Enzo Agostinelli, SAPIENZA University of Rome, Italy

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<https://www.worldacademyofsciences.com/rome2023.html>

Conference Information:

Open session on November 2nd at 9:00 a.m.

Welcome party on November 2nd at 8:30 p.m. at Hotel Duca D'Este

Italian dinner on November 3rd at 8:30 p.m.

Gala dinner on November 4th at 8:30 p.m.

Desk registration will be open all the time of the meeting from 8:00 a.m. to 7:00 p.m.

WELCOME MESSAGE

Dear Attendees,

The Organizing Committee has the great honor to welcome you to Italy, to attend the **26th International Symposium on Molecular Medicine** that will be held at the Grand Hotel Duca d'Este in Tivoli, Rome, Italy from November 2 to 4, 2023.

Tivoli is a small town very close to Rome. Most Latin authors link the founding of Tivoli with the figure of Evandrus. The town probably grew up in the 7th-8th century B.C. through the merging of small, surrounding villages, as can be seen from the articles found in the necropolises; standing on Monte Ripoli, Tivoli controls passage from the Aniene Valley on one side and, on the other, is connected with Rome along the navigable course of the river. After various events, it came under Roman rule in 338 B.C. and became a municipality; it acquired Roman citizenship in 87 B.C. and was included in the 4th Region: *Sabina et Samnium* in the Augustan division. Numerous imperial monuments, for the originality of their architectural solutions, deserve to be visited: among them, Hadrian's Villa and Villa d'Este. Therefore, we wish all of you a memorable time in Tivoli both scientifically and socially. On the scientific side, the Conference will cover a wide range of topics: biochemistry, genetics, microbiology, molecular medicine, human genomics, immunology, polyamines, viral oncology and others. These topics are related to the biochemical and pathophysiological properties of polyamines, carcinogenesis and metastasis, chemotherapy, nutrition and cancer and to the traditional Chinese medicine. The scientific program will focus studies on molecular pathogenesis, molecular cardiology and psychology, on the metabolism of polyamines with a special emphasis on cancer. Findings on new pathways as a target for drug development for cancer treatment or chemoprevention will also be a central theme.

We would like to acknowledge all the distinguished speakers who kindly agreed to act as a part of the lecturing team. The scientific program supported by excellent participants, both senior experts and enthusiastic newcomers, includes lectures and shorter oral poster communications, as well as sessions of poster exhibition spanning several research areas and many countries of origin. The main goal of the conference is to promote scientific exchange among research groups highly qualified in different but interrelated fields and to foster collaborative investigations in the areas represented in the Conference. The Organizers hope that the presentations at this meeting, gathering contributions from biochemists, pharmacologists, chemists, geneticists, molecular biologists and clinical scientists, will demonstrate the current state of knowledge on the physiological, biochemical, pathological and therapeutic actions in cancer, covid and other diseases, providing a stimulus mainly for the new generation involved in the clinical field.

To enjoy stay in Tivoli-Rome to the full, you should take an active part in the social events, including parties. Our information desk, at the Congress Center, will be at your service to help you with daily problems. We look forward to meeting you at the welcome reception!

We thank you all for contributing to the success of the Congress, and wish you a very pleasant time in Tivoli-Rome.

Demetrios A. Spandidos
University of Crete, Greece

Enzo Agostinelli
SAPIENZA
University of Rome, Italy

26th International Symposium on Molecular Medicine

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TOPICS OF THE SYMPOSIUM

- | | |
|------------------------------|-------------------------------------|
| 1. BIOCHEMISTRY | 17. PATHOLOGY |
| 2. CARCINOGENESIS METASTASIS | 18. POLYAMINES |
| 3. CHEMOTHERAPY | 19. TRADITIONAL CHINESE
MEDICINE |
| 4. COVID | 20. TRANSGLUTAMINASES |
| 5. EPIDEMIOLOGY | 21. VIRAL ONCOLOGY |
| 6. FUNCTIONAL NUTRITION | |
| 7. GENETICS | |
| 8. HUMAN GENOMICS | |
| 9. IMMUNOLOGY | |
| 10. MICROBIOLOGY | |
| 11. MOLECULAR CARDIOLOGY | |
| 12. MOLECULAR PATHOGENESIS | |
| 13. MOLECULAR PSYCHOLOGY | |
| 14. MOLECULAR SURGERY | |
| 15. NEUROLOGY, PSYCHIATRY | |
| 16. NUTRITION AND CANCER | |

Ioannis please add:

- Scientific program when ready (after our checking)
- All the Abstracts
- Author index