

1st International Conference “APRICOT”

Magnetic nanomaterials in biomedicine: synthesis and functionalization

March 1-4, 2023, Yerevan, Armenia

With the arrival of spring in sunny Armenia, we are pleased to invite you to the 1st International Conference on “Armenia’s Perspectives in Current Oncology Theranostics” (APRICOT) with the subtitle “**Magnetic nanomaterials in biomedicine: synthesis and functionalization**” to be held on March 1-4, 2023 in Yerevan, Armenia. This conference also includes the 3rd MaNaCa summer school, funded by European Union in the framework of Twinning/Horizon 2020 programme.

The conference will focus on magnetic nanohybrids in various biomedical areas such as bioseparations, hyperthermia treatment, drug delivery and toxin removal, medical diagnostics, and sensing devices. Aiming to start a series, it will show the convergence of material science and biological sciences, bring together the scientific community of Physicists, Chemists, and Biologists to discuss the latest developments in the fabrication and characterization of nanomaterials and their biomedical applications.

2nd Call



MaNaCa

Topics

- Synthesis, characterization, and properties of magnetic nanomaterials
- Novel processing and manufacturing technologies of magnetic nanomaterials
- Investigating methods for characterization magnetic nanoparticles
- Interaction of magnetic nanoparticles with electromagnetic waves
- Biomedical applications, e.g. therapy, diagnosis, cell separation
- Functional magnetic nanomaterials and their applications

Registration

The conference fee is 250 €, which includes a conference kit, coffee breaks, and lunches during the conference and the excursion out of the city.

Registration and Abstract Submission opens on December 10, 2022.

Deadline: February 10, 2023.

Click [here](#) to register.



Contact info

Chairs: Dr. Aram Manukyan
Dr. Marina Spasova
Dr. Makis Angelakeris

Secretary:

Dr. Lusine Tsarukyan
apricot.ipr@gmail.com

Plenary Speakers



Prof. Makis
Angelakeris

Aristotle
University of
Thessaloniki,
Greece



Prof.
Alexander
Mukasyan

University of
Notre Dame,
USA



Prof. Karen
Martirosyan

University
of Texas Rio
Grande
Valley, USA



Prof. Shivaji Pawar
D. Y. Patil University
India

Social Program

The social program will include tours to the Greco-Roman colonnaded Temple of Garni, medieval monastery Geghard, high-altitude Lake Sevan, and Etchmiadzin Cathedral - perhaps the first cathedral of the world (but not the first church) built in ancient Armenia. <http://armenia.travel/en>

Organizers

Institute for Physical
Research of National
Academy of Sciences of
Armenia

www.ipr.sci.am



MaNaCa

www.h2020-manaca.eu/

Co-organizing Student Project

OPTICA Formerly OSA
IPR Armenia Student Chapter

Venue



[National Academy of
Sciences of Armenia,
Yerevan, Armenia](#)