

1st International Conference “APRICOT”

Magnetic nanomaterials in biomedicine: synthesis and functionalization

March 1-4, 2023, Yerevan, Armenia

1st 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

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.

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 1, 2023.

Click [here](#) to register.



Contact info

Chairs: Dr. Aram Manukyan

Dr. Marina Spasova

Dr. Makis Angelakeris

Secretary:

Dr. Lusine Tsarukyan

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Conference Program

Updated on a daily basis since December 1st, 2022

Summer School Program

Updated on a daily basis since December 1st, 2022

Plenary Speakers

To be announced

Invited Speakers

To be announced

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



IPR Armenia Student Chapter

Venue

National Academy of Sciences of
Armenia, Yerevan, Armenia