



Final Report of the Joint Bilateral Agreement CNR / HESC MESCS RA (Armenia)

Biennial Programme 2025- 2026

Considering the General Agreement signed on July 30, 2018, the joint call for the bilateral project program launched on April 22, 2024 and a recent exchange of emails between the Higher Education and Science Committee of the Ministry of Education, Science, Culture and Sports of Armenia (RA MESCS HESC) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 10 projects. Each side will grant up to 5,000 euros per year per project for 2 years.

Of the total number of proposals submitted by both parties by the deadline, 14 were considered jointly.

After both Parties carried out independent evaluation procedures. CNR and HESC combined the results, obtaining a “combined score”. The projects with the best average scores from the CNR and HESC were selected, considering the different thematic areas.

Despite the large number of good proposals received, the Parties agreed to finance the following proposals included in a final ranking list:

Joint Research Project	Italian Institution	Armenian Institution
Enhancing Peptide Stability and Bioactivity: Integrative Research on Non-Coded Amino Acid	Dr BARBARA BIONDI Istituto di Chimica Biomolecolare (CNR-ICB)	Dr MKRTCHYAN ANNA FELIKS NAS RA “Scientific and Production Center Armbiotechnology”
Innovative linear and nonlinear optical approaches for non-invasive imaging of biological objects: Comparative studies and analysis	Dr RICCARDO CICCHI Istituto nazionale di ottica (CNR-INO)	Dr TSARUKYAN LUSINE MKRTICH NAS RA “Institute for Physical Research”



Touching devotion. Hidden holy manuscripts in Armenia, the material dimension of a sacred cult, and the power of contact across pre-modern Mediterranean	Dr ISABELLA CECCHINI Istituto di storia dell'Europa mediterranea (CNR-ISEM)	Dr HAKOBYAN HAYK ERDZANIK "Matenadaran" Mesrop Mashtots Institute of Ancient Manuscripts
From natural peptides to peptidomimetics and synthetic analogues: developing new antimicrobial and antifungal compounds	Dr ALESSANDRO GORI Istituto di Scienze e Tecnologie Chimiche "Giulio Natta" (CNR-SCITEC)	Dr SARGSYAN TATEVIK HOVHANNES NAS RA "Scientific and Production Center Armbiotechnology"
Development and Applications of Synthetic Amino Acids with Thioflavin-Like Side Chains	Dr GIOVANNI ROVIELLO Istituto di biostrutture e bioimmagini (CNR-IBB)	Dr SIMONYAN HAYARPI MANTASH Yerevan State University
Bioremediation technologies to reduce heavy metals contamination in acid mining drainage environment (BioMet_AMD)	Dr BARBARA CASENTINI Istituto di ricerca sulle acque (CNR-IRSA)	Dr KHACHATRYAN ANNA SERJIK NAS RA "Scientific and Production Center Armbiotechnology"
Unveiling soil-to-potato transfer factors of potentially toxic elements (PTEs) by using geochemical compositional data analysis	Dr ILARIA GUAGLIARDI Istituto per i Sistemi Agricoli e Forestali del Mediterraneo (CNR-ISAFOM)	Dr TEPANOSYAN GEVORG HOVHANNES NAS RA "Center for Ecological Noosphere Studies"
Intramolecular cyclization-cleavage, rearrangement-deamination of unsaturated ammonium salts and study of the biological properties of	Dr FRANCESCO ATTANASIO Istituto di cristallografia (CNR-IC)	Dr AYRAPETYAN LILIT VALER NAS RA "Scientific Technological Center of Organic and Pharmaceutical Chemistry"



the obtained products		
DeepRF: Deep Learning for RF-based Localization and Mapping with Synthetic Data	Dr THEOFANIS RAPTIS Istituto di informatica e telematica (CNR-IIT)	Dr KHACHATRIAN HRANT HAROUTIUN Yerevan State University
Numerical methods for solving advanced equations of mathematical physics of the Heun class, and related applications	Dr CLEMENTE CESARANO Istituto per le applicazioni del calcolo "Mauro Picone" (CNR-IAC)	Dr ISHKHANYAN ARTUR MICHAEL NAS RA "Institute for Physical Research"

for the
National Research Council of Italy (CNR)

Dr Virginia Coda Nunziante
Head of International Relations

for the
Higher Education and Science Committee of the Ministry of
Education, Science, Culture and Sports of Armenia (HESC)



Artur Movsisyan

Deputy Chairman
20.12.2024