



National Research Council of Italy



Cinvestav

**Final Report of the Joint Bilateral Agreement CNR/ CINVESTAV (Mexico)**  
**Biennial Programme 2023-2024**

Considering the General Agreement signed on May 25, 2020, the joint call for the bilateral project program launched on March 10, 2022 and a recent exchange of emails between CINVESTAV (Mexico) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 4 projects granting 10.000 Euros per year for 2 years.

At the deadline fixed by the call, 13 proposals have been submitted to both Parties.

After the evaluation procedures performed independently by both Parties, the assessed projects obtaining the highest scores, have been taken into account.

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

<b>Joint Research Project</b>	<b>Italian Institution</b>	<b>Mexican Institution</b>
Chemistry and cell biology of cellular zinc storage and mobilization in insect vectors of disease and agricultural pests	Dr. FRANCESCA SCOLARI Istituto di Genetica Molecolare "Luigi Luca Cavalli-Sforza" (CNR-IGM)	Dr. FANIS MISSIRLIS Department of Physiology, Institute of Molecular Genetics Biophysics & Neuroscience, Cinvestav



National Research Council of Italy



Cinvestav

Design, synthesis, and characterization of molecules able to inhibit Carbonic anhydrase (CA IX) and their effect on ovarian cancer cell lines	Dr. GIUSEPPINA DE SIMONE Istituto di Biostrutture e Bioimmagini (CNR-IBB)	Dr. PATRICIA TALAMÁS ROHANA Departamento de Infectómica y Patogénesis Molecular-CINVESTAV
Biominceralization of eggshells of dinosaurs of 70 million years old from the northern part of Mexico	Dr. DRITAN SHIQI Istituto di Cristallografia (CNR-IC)	Dr. MARÍA DE JESÚS ROSALES-HOZ Department of Chemistry, Cinvestav
Quantum simulation of magnetic materials with superfluid spin mixtures	Dr. GIACOMO IAMPORESI Istituto Nazionale di Ottica (CNR-INO)	Dr. KARINA JIMÉNEZ-GARCÍA Laboratorio de Tecnologías Cuántica - CINVESTAV - Unidad Querétaro

for the

National Research Council of Italy

for the

Center for Research and Advanced Studies of the National Polytechnic Institute of Mexico

Virginia Coda Nunziante

Head of European and International Relations

José Mustur de León  
General Director