

Final Report of the Joint Bilateral Agreement CNR/Royal Society of London (UK)**Biennial Programme 2025-2026**

Considering the General Agreement signed on September 25, 2018, the joint call for the bilateral project program launched on April 10, 2024 and a recent exchange of emails between the Royal Society of London (UK) and CNR, both Parties have jointly decided to fund, within the framework of the future joint program, up to 5 projects granting 6.000 Euros (12.000 £) per year for 2 years.

At the deadline fixed by the call, 23 proposals have been submitted to both Parties.

After the evaluation procedures carried out independently by both Parties, the projects evaluated with the best average between the CNR's and the RS's evaluations were taken into consideration, taking into account the number of projects submitted for each thematic area, the projects recommended by the RS and those considered by the RS as reserves.

The number of projects submitted is broken down into the different thematic areas as follows:

Research area	Projects submitted	Projects selected
Engineering, ICT	2	0
Bio-agri-food sciences	1	0

Biomedical sciences	3	1
Chemical sciences	8	2
Earth and environment	3	1
Physical sciences	6	1
Total	23	5

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	UK Institution
Seismic Intelligent Microzonation	GABRIELE FIORENTINO Istituto di geologia ambientale e geingegneria (IGAG)	RAFFAELE DE RISI School of Civil, Aerospace and Design Engineering, University of Bristol, Bristol, United Kingdom
Investigating the role of PCDH10 in excitatory synapse assembling and physiology	ALESSANDRA FOLCI Istituto di Neuroscienze (IC)	MICHAEL COUSIN University of Edinburgh

Elucidating the role of organic ligands within quasi-2D perovskite LEDs	TERSILLA VIRGILI Istituto di fotonica e nanotecnologie (IFN)	ALEXANDRA RAMADAN University of Sheffield
Artificial Neural Network prediction of new metamorphic proteins	MASSIMILIANO MELI Istituto di Scienze e Tecnologie Chimiche “Giulio Natta” (SCITEC)	ALESSANDRO PANDINI Brunel University London
From short to medium bioactive Peptide Size: new insights into crystallization and structure determination (acronym PepSize)	BENEDETTA CARROZZINI Istituto di Cristallografia (IC)	JERRY Y.Y. HENG Department of Chemical Engineering, Imperial College London (UK)

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