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Final Report of the Joint Bilateral Agreement CNR/ CINVESTAV (Mexico)

Biennial Programme 2021-2022

Considering the General Agreement signed on May 25, 2020, the joint call for the bilateral project program launched on May 29, 2020 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, 21 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:

Joint Research Project	Italian Institution	Mexican Institution
A microfluidic device to assess the anti-inflammatory effects of ginger-derived nanovesicles on mammalian cells	Dr GABRIELLA POCSFALVI Institute of plant genetics (CNR-IBBR) Via Pietro Castellino, 111 - 80131 Napoli	Dr JOSE LUIS GARCIA CORDERO Cinvestav - Unidad Monterrey

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Carbon nanobeads as active components for the production of bio-methanol via reduction of CO ₂	Dr GIUSEPPE BONURA Institute for advanced energy technologies "Nicola Giordano" (CNR-ITAE) Via Salita S. Lucia sopra Contesse, 5 - 98126 Messina	Dr JUAN FRANCISCO PÉREZ ROBLES Cinvestav – Unidad Querétaro
Exploring the relation between near field and far field thermal emission tailored by coupling phase changing and plasmonic materials	Dr ANTONIO CRICENTI Institute of structure of matter (CNR-ISM) c/o Area della Ricerca di Roma - Tor Vergata Via del Fosso del Cavaliere, 100 - 00133 Roma	Dr JUAN JOSÉ ALVARADO GIL Applied Physics Department, Cinvestav – Unidad Mérida
Endoplasmic reticulum luminal calcium concentration controls inter-organelle communication	Dr GIORGIA PALLAFACCHINA Institute of neuroscience (CNR-IN) V.le G. Colombo 3-35121 Padova	Dr AGUSTÍN GUERRERO HERNÁNDEZ Cinvestav - Departamento de Bioquímica

for the

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for the

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