



أكاديمية البحث  
العلمي والتكنولوجيا  
Academy of Scientific  
Research & Technology



National Research Council of Italy

## Final Report of the Bilateral Agreement CNR/ASRT

### Biennium Programme 2022-2023

Considering the Agreement on scientific cooperation between ASRT and CNR signed on March 28, 2010 and the joint call for the bilateral project programme launched on April 15, 2021

Both Parties agreed on supporting 8 projects in the framework of the joint programme (CNR: 5.000,00 euros per project per year and ASRT 7.500,00 euros per project per year, during 2-year period).

After the evaluation performed independently by both Parties, CNR and ASRT agreed to support the projects which received the highest scores.

Despite the large number of high quality proposals received, the Parties agreed on the following final ranking list of the supported proposals:



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Joint project	Italian project leader	Egyptian project leader
Multifunctional biogenic membrane from agro-Waste for dye removal from Textile factories effluents+2:9ts CLEAR- WATER	Dr. DANIELA CASCHERA	Dr. ABEER M. ADEL
Screening, purification and identification of trypsin inhibitors from some legume seeds and evaluation of their biological activities	Dr. MORENA GABRIELE	Dr. Mona Mohamed Awad
Flexible Ultrafiltration Inorganic Membrane Based on Ultra-long Hydroxyapatite for Wastewater Purification	Dr. FRANCESCO GALLIANO	Dr. HAMDY MAAMOUN ABDEL-GHAFFAR
Biowaste-derived Injectable Bionanomaterials Platform for Regenerative Medicine	Dr. STEFFANIA SCIALLA	Dr. SAWSAN DACRORY
Synthesis and biological evaluation of novel Triazole based compounds as anti-cancers and Non-steroidal Aromatase Inhibitors	Dr. ANNA CHIARA DE LUCA	Dr. HUDA REFAAT MAHMOUD RASHDAN
Ionic cellulose/calcium phosphate hybrids: New biosourced materials for bone tissue regeneration	Dr. VINCENZO GUARINO	Dr. AHMED SALAMA



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Joint project	Italian project leader	Egyptian project leader
Development & Evolution of wound dressing using electrospinning with controlled drug delivery	Dr. ANNALISA ALUIGI	Dr. AMIRA EL-RAFEI
Fabrication of novel nano muclage-saponin edible coating extracted from Egyptian and Italian barberry figs (Opuntia ficus-indica) peels and cladodes and its preservation effect on Navel orange during storage	Dr. FEDERICA BLANDO	Dr. IBRAHIM KHALIFA

for the

National Research Council of Italy

Dr. Virginia Coda Nunziante

Head of International Relations Office

for the

the Academy of Scientific Research and Technology

Dr. Mahmoud M. Shkr

