



ISTITUTO PASTEUR ITALIA
FONDAZIONE CENCI BOLOGNETTI

CALL 2024

a) **N. 12 Two year “Anna Tramontano” - research projects** of 20.000 Euro/year reserved to **under 60** year-old scientists (by the deadline of proposal submission) of *Sapienza Università di Roma* and of the *Italian Pasteur Laboratory*, with at least 5 last/corresponding author research papers in press or published in the last 5 years (since 01/01/2019) in high quality peer-reviewed scientific journals. Editorials and letters to the editor without data do not count for eligibility.

b) **N. 8 Two year - research projects** of 20.000 Euro/year reserved to **under 40** year-old scientists (by the deadline of proposal submission) with at least 3 first/last/corresponding author research papers in press or published in the last 5 years (since 01/01/2019) in high quality peer-reviewed scientific journals. Editorials and letters to the editor without data do not count for eligibility.

The projects must be performed within the Sapienza Departments or the Italian Pasteur Laboratory. The Hosting Department will actively favor the birth of a totally independent new research unit, and provide the facilities, equipment, and infrastructure necessary to carry out the proposed research. The Department Head must provide a letter that confirms the commitment of the Hosting Institution to foster the new research unit and certify that the PI will receive a salary for all the grant period.

All proposed research plans must have a clear objective that is consistent with the Istituto Pasteur Italia-Fondazione Cenci Bolognetti mission and should fall into one of the following research areas and research units:

Genetics, biology and pathophysiology of eukaryotes

- *Genetics and epigenetics of eukaryotes*
- *Regulation of gene expression*
- *Chromosome biology*
- *Human evolution*
- *Genetic and epigenetic basis of the diseases*
- *Developmental biology*
- *Structural Biology*
- *Computational biology*
- *Biophysics and Bioinformatics*
- *Metabolism and signaling pathways in health and disease*
- *Senescence and aging*
- *Stem cells and regenerative biology and medicine*
- *Cardiovascular biology and pathophysiology*
- *Neuroscience and neurodegenerative diseases*

- *Gut and brain communication*
- *Cancer Biology*
- *Environmental biology and pathophysiology*

Genetics and biology of microorganisms

- *Bacterial genome plasticity and regulatory networks*
- *Bacterial signal transduction mechanisms*
- *Bacterial metabolism and stress adaptation*
- *Evolution and spreading of antimicrobial resistance*
- *Virus-associated diseases*
- *Vector-borne diseases*

Inflammation and immunity

- Innate immunity and inflammation*
- Immune responses to infectious agents*
- Immunoregulation*
- Tumor immunity*
- Immunopathies*
- Neuroinflammation*
- Chronic inflammatory diseases*

Infectious agents and associated diseases

- *Biology of microbe-host interactions*
- *Pathogenic mechanisms of infectious agent-associated diseases*
- *Microbiota-related diseases*

Novel therapeutic interventions

- *Novel antimicrobial strategies*
- *Novel approaches targeting cancer metabolism*
- *Immunotherapy*
- *Gene therapy and genome editing*
- *RNA therapeutics*
- *Drug discovery, design, and delivery*
- *Nanomedicine*

The applicants must submit electronically the **application** by **30th April 2024** (application@istitutopasteuritalia.it) **specifying which call category they are applying for** and deliver the original paper copy signed to the Segreteria "Istituto Pasteur Italia" (Viale Regina Elena, 291 - 00161 Roma) by **12.00 am 6th May 2024**.

The application must entirely be written in English and presented **as a single file pdf** as follows:

CALL 2024

1st Page: (a) Title of the project (b) Research area and Research unit (c) Applicant's name, surname and date of birth (d) Academic position held at Sapienza Università di Roma (e) work address, department, telephone and e-mail; (f) Proposal summary.

Next pages: (g) State of the art (h) Research aims (i) Detailed project and methodology (j) References (k) Group components (must be present only in one proposal): names and qualifications (l) Applicant's Curriculum vitae and relevant publications of last 10 years with Impact Factor as well as the selected publications needed for admission (m) Other financial support

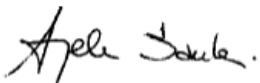
The application must not exceed 12 pages from point (a: title of the project) to point (k: group components).

Applications that do not conform to all the requirements in these instructions will be rejected. The Scientific Council will initially verify the feasibility and quality of the submitted research proposals as well as their relevance to the Pasteur Institute mission, and then the proposal will be independently evaluated by two international reviewers with expertise in the specific area of the research plan.

Funding will start on July 1st, 2024

Rome, 15th March 2024

The Scientific Director
Angela Santoni



The President
Luigi Frati



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