Israeli French High Council for Scientific & Technological Cooperation

Call for Proposals 2022

Research Program "Maïmonide-Israel"

1. Anticipation and Impact of Viral Pandemic – What can we learn for the future? (Interdisciplinary Approach)
2. Agroecological Innovations Facing Global Changes

Within the framework of the Israeli French agreement on scientific cooperation, the Ministry of Science and Technology (MOST) of the State of Israel, as well as the Ministry of Europe and Foreign Affairs (MEAE) and the Ministry of Higher Education, Research and Innovation (MESRI) of France have decided to provide financial support for Research Network Projects carried out jointly by researchers from both countries.

A. Objectives

The aim of this program is to support the development of scientific and technological cooperation between French and Israeli researchers and to strengthen the scientific partnership between research groups from both countries by establishing bilateral research networks, enhancing research cooperation and promoting the exchange of knowledge between Israeli and French scientists.
French and Israeli research teams are hereby invited to submit proposals for research projects in the fields of:

1. **Anticipation and impact of viral pandemic – what can we learn for the future?**

   *(Interdisciplinary Approach)*

   The COVID-19 pandemic constitutes a breaking moment in modern history. This major crisis calls for a broad understanding of the various causes and consequences, in order to enhance preparedness and anticipate viral pandemics. Therefore, this call for proposals encourages researchers from different disciplines (virology, neurology, psychiatry, biology and other biomedical subjects as well as psychology, sociology, history, economy and all other disciplines in social sciences and humanities) to get together in various designated interdisciplinary teams and work to strengthen our capacities and capabilities for foresight and collective resilience. Research projects can include impact studies of pandemics on mental and public health, on economic, social, and educational aspects. In particular, a major stake is to understand mental disorders associated with prolonged pandemic and the impact on the population.

2. **Agroecological Innovations Facing Global Changes:**

   As our world faces multiple changes such as reduced soil fertility, biodiversity loss, UV increase and climate change, it is necessary to design new and creative solutions to rethink agriculture and mitigate unwanted consequences of these modifications. Research projects relevant for this call can be on innovative technologies and methods to improve resilience and sustainability of agricultural systems for climate changes (not including irrigation systems). Proposals on innovative sustainable polymers (e.g., plastics) and pesticides in agriculture are also encouraged.
B. Mode of Cooperation

Cooperation will take the form of planning and conducting joint research as well as conducting mutual visits between laboratories for the purpose of facilitating the research. It is also recommended to include the funding of young researchers' stay (PhD students and/or Post-doctorates) – in particular Israelis in French laboratories - as part of the Joint project research.

Each joint research team may submit one project only.

C. Level of Funding

It is the intention of the Parties to this Call to fund research proposals selected hereunder for a term of two years. However, funding must be approved on an annual basis, with the funding for the second year to be approved in accordance with the provisions of the research contract.

It is the intention of the program's sponsors to support 6 joint projects. However, the final number of projects to be sponsored will be determined based on such factors as scientific evaluation and budgetary considerations. Research projects should be planned on a two-year basis. Contracts will be signed accordingly.

The allocation for each approved research projects will be up to 80,000 Euro for the French side and 80,000 Euro (320,000 NIS) for Israeli side for the two-year project period. The total maximum project funding for all research projects approved under this Call is 480,000 Euro for the French side and 480,000 Euro (1,920,000 NIS) for the Israeli side, over a two-year period.
Expected starting date of the approved projects is the first semester of 2022.

Funding for the approved projects depends on the approval of State budget and the availability of funds on each side.

D. Eligibility

Proposals must meet the following preconditions. Proposals that do not meet the preconditions will be automatically rejected and will not be passed on to the scientific committee for review and evaluation.

1. Projects must be conducted by collaborating French and Israeli scientific research teams.

2. Each joint research team must be led by a Principal Investigator (PI) from each country.

3. The Principal Investigator (PI) on each side must be affiliated with an academic institution, meaning – in Israel:
   i. An accredited institution of higher education in Israel, according to the Council for Higher Education Act, 1958.
   ii. A research institute, which is a nonprofit organization, a government company or a governmental unit.

For the purposes of this Call a "research institute" means an institute whose main activity is the advancement of cutting-edge scientific knowledge, which possesses appropriate infrastructure and equipment, and which employs researchers who, inter alia, publish articles related to their research in leading scientific journals and who present their research at international symposia.
Industrial partners are encouraged to participate in research teams headed by Principal Investigators from an academic institution.

**D1. Additional Provisions**

1. For the Israeli side, the application should be submitted through the Science Forefront Site, [https://kf.most.gov.il](https://kf.most.gov.il).
   
   In order to apply for the first time, the applicant needs to fill an "account request" in the Science Forefront system. The request should be approved by the research authority of the Institute. Once approved, the applicant will be notified by email that the account is active.

2. For French applicants, the application procedure follows that of the "Program Hubert Curien" (PHC) rules available on the Campus France website at [https://www.campusfrance.org/fr/maimonide](https://www.campusfrance.org/fr/maimonide).

3. French and Israeli Principal Investigators (and affiliated academic institution) are respectively responsible to French MEAE/MESRI and to Israeli MOST for the execution of the project.

4. Proposals for which funding is approved, which include experiments with animals, must submit the approval of the relevant Committee for Experimentation on Animals before the project can commence.

5. Proposals for which funding is approved, which involve human subjects, must submit the approval of the relevant Helsinki Ethics Committee before the project can commence.

More information (in French only) on the selection criteria and the arrangements for dissemination of the results can be found on the Campus France website at:

It is strongly recommended that the French and Israeli research teams and their institutions enter into agreements regarding intellectual property rights prior to the start of collaborative activities.

D2. Submission of Research Proposals

**Joint deadline for applications:** Thursday April 29, 2021 by 15:00.

Proposals will not be accepted under any circumstances after the specified date and hour.

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Proposals will not be accepted under any circumstances after the specified date and hour.

For Israeli Research Teams only:

i. The Principal Investigator must submit the proposals in **English** via the "Science Forefront" system **a week before the final Joint Deadline**, by **Thursday April 29, 2021 at 15:00**.

ii. A proposal thus submitted by **April 22, 2021** can be edited by the researcher, in coordination with the institute, until the final submission date.

iii. The **institute** must submit the final proposal by **Thursday April 29, 2021 at 15:00 (local Israel time)**. This is the final formal submission date. Proposals not submitted by the institute by this time, will be disqualified.

Please be noted: as technical problems are common, **it is strongly recommended to submit the application well in advance of the application deadlines detailed above.**
E. Funded expenses

Generally, funding may be assigned to costs related to the bilateral nature of the project (travel expenses of the researchers, scientific meetings, etc.) as well as to defray costs incurred by the approved research projects (disposables, publication costs, etc.). It is recommended that funding will be dedicated also to support the mobility of young researchers between the institutions involved in the approved projects and joint labs.

For the Israeli side only: project funds may be used in accordance with the Most Regulations for Science Projects (the "Most Regulations"). Specific provisions regarding permissible use of project funds are set out in the Most Regulations and the research contract.

For the French side, project funds utilization is divided:

- **Up to 20000 €/year from the MESRI can be used to finance materials and salaries**

- **Up to 20000 €/year from the MEAE can be used to finance travel** (French researchers' travel to Israel) and hosting expenses (Israeli researchers' hosting in France and French researchers' hosting in Israel); a small part of this budget can also be used for some logistical expenses.

Participating scientists are encouraged to plan extended visits to their counterparts' institutions. As long as the visits are an integral part of research collaboration, international travel and in-country living expenses of visiting scientists should be included in the project's budget. International travel costs should be included in the budget of the visiting side, while in-country living expenses should be included in the budget of the French side for both visits to France or to Israel. The visits must take place in France or in Israel only. Visits to third countries may not be financed by project funds.
For the French Side, mobility is strongly encouraged as the amount of money dedicated to it is significant. It is then greatly advised to plan a long-term (3 to 6 months) Israeli young researcher visit as part of the project and to specify it in advance in the application.

**F. Status Seminar**

A status seminar will be held in Israel in November 2023 in order to evaluate the progress/results of this program. At the status seminar every Israeli French research group will present its research results, including each side's contribution to the research, the overall result, and the cooperation between the two research groups. The relevant expenses for travel and accommodations for the seminar should be included in the project budget proposal.

**G. Renewal of funding**

Renewal of project funding for a second year is subject to the submission, separately by the French and Israeli PIs, of the relevant documents.

 Israeli and French PIs must submit these documents in English to MOST and to the French Embassy respectively, two months before the end of the first year's contract.

The Israeli team should submit the documents on the appropriate forms together with the annual scientific report.

The documents should be submitted by the Israeli PIs via the "Science Forefront" submission system of MOST; and by the French PIs to the French Scientific and Academic Attaché at the French Embassy in Israel: p.furia@mbfr-il.org and to the Scientific Officer at the French Embassy in Israel: n.barrutia@ambfr-il.org.
H. Proposal Review

A scientific committee on each side will evaluate proposals. A joint Israeli French scientific committee, composed of expert scientists from each country, will then jointly evaluate the proposals and formulate recommendations as to which projects will be funded.

Evaluation of the proposals will be based on:

1. Conformity with the definition of the program research topics presented above;
2. Significance (quantitative whenever relevant) of the problem being addressed, and the potential impact of the proposed approach on solving it. Proposals should address these issues explicitly and provide as much evidence as possible.
3. Scientific merit, with emphasis upon the originality and novelty of the proposed research.
4. Clarity and quality of the research proposal itself – presentation of the topic, definition of research objectives, presentation of research methodology and detailed program of work.
5. Feasibility of the research program.
6. Practical applicability of expected research results.
7. Extent of genuine collaboration between the French and Israeli research teams.
8. Level of involvement of young researchers (PhD students and/or post-doctorates).

I. Contracts, Payments and Reports

1. Contracts

Upon approval of a project proposal, contracts will be signed in Israel and in France between relevant Ministries and the Principal Investigators' institutions.
2. Payments

On the Israeli side, payments will be made by MOST to the PI's institution, in keeping with the provisions of the contracts referred to above.

On the French side, research funds will be managed by:

- The Ministry of Europe and Foreign Affairs (MEAE) of France through Campus France (in accordance with the rules of financial managements established by funders);

- The Ministry of Higher Education, Research and Innovation (MESRI) of France.

3. Final Reports

Within three months of the conclusion of the project, Israeli PIs must submit a final report in English to MOST at: Reports@most.gov.il (or via the new online submission system of MOST).

These include a final scientific and financial report covering the work and cooperation carried out during the entire two-year project period, in accordance with the contract's requirements.

French PIs must submit a final report based on the site below:

and attach it to their Campus France file online within three months and also send it to the French Scientific and Academic Attaché: p.furia@ambfr-il.org and to the Scientific Officer at the French Embassy in Israel: n.barrutia@ambfr-il.org.

J. Special Provisions Regarding the Israeli Applicant

All procedures and activities under this Call or the projects approved hereunder, including the eligibility of institutions via which applications must be filed, are subject to the standard
MOST Regulations and to the MOST Standard Contract for Scientific Projects (both referred to hereinafter as "the standard terms").

Applicants are required to familiarize themselves with the standard terms before filing an application under this Call; filing an application constitutes a declaration that the applicant has done so and agrees to be bound by the provisions thereof.

Please refer to MOST Regulations appendix on MOST website.

**K. Additional Information in France**

Additional **scientific information** may be obtained from:

**Mr. Paul FURIA**

Scientific and Academic Attaché

French Embassy in Israel, Tel-Aviv, ISRAEL

Tel: +972 (0)3 796 80 39

p.furia@ambfr-il.org

**Ms. Nathalie Barrutia**

Scientific Officer

French Embassy in Israel, Tel-Aviv, ISRAEL

Tel: +972 (0)3 796 80 41

n.barrutia@ambfr-il.org
L. Additional Information in Israel

Additional scientific information on "Anticipation and Impact of Viral Pandemic – What can we learn for the future? (Interdisciplinary Approach): "

may be obtained from the following:

**For Medical domains:**

Dr. Iris Eisenberg

Director, for Life Research

Ministry of Science and Technology

IrisE@most.gov.il

**For Social domains:**

Dr. Alex Altshuler

Director for Humanities and Social Sciences Research,

Ministry of Science and Technology

AlexA@most.gov.il

Additional scientific information on "Agroecological Innovations Facing Global Changes "

may be obtained from the following:

**Dr. Moshe Ben Sasson,**

Director for Environment and Agriculture Research,

Ministry of Science and Technology

mosheBS@most.gov.il

Additional **administrative information** may be obtained from the following:

**Mrs. Meira Binyamin**
Head of Scientific Assistance for Planning & Control Department Ministry of Science and Technology
Tel: 02-5411170/173/800/829
meirab@most.gov.il

Mrs. Claire Levaton
Director for Israel-France Scientific Relations
Division for International Relations
Ministry of Science and Technology
claire@most.gov.il

M. Application Forms
This call for proposals and application forms are available at the following Internet addresses:
For the Israeli team: http://www.most.gov.il/
For the French team: https://www.campusfrance.org/fr/maimonide