

**Bohdan Malaniak Cedars-Sinai—RECOOP Young Scientists (BMYS) Research
Grant 2020**

(Grant application should not exceed 4 pages)

This form contains

- BMYS Grant Application Template
- BMYS Grant Application Guidelines
- BMYS Grants and Funds Mechanism and Contract Modalities

Enclosure

- RECOOP Purchasing Inventory

BMYS Grant Application Template

Project title (100 characters)

Applicant young scientist

Applicant organization (Cedars-Sinai RECOOP Research Centers (CRRC))

Supervisor

Partner CRRC young scientist

Partner CRRC organization

Partner CRRC supervisor

Partner CRRC young scientist

Partner CRRC organization

Partner CRRC supervisor

Project duration

12 months

Project

1. **Project summary** (2,000 characters)

2. **Background: Scientific justification** (1,000 character)

3. **Study plan** (Please outline the phases and indicate the dates. Step 1, 2, 3, etc.)

4. **Expected outcomes** (500 characters)

5. **Costs of the study (USD)** (Please itemize as shown below)

- Animal housing:
- Laboratory analyses: markers, regular laboratory tests, etc.
- Consumables: tubes, reagents, antibodies cost, etc.
- Other:

Subtotal cost:

6. **Justification of the request for travel and accommodation support (USD)** (500 characters)

Requested support (Please itemize as shown below)

- Travel expenses: where from and to
- Accommodation: location, price per night, number of nights, total price

Subtotal cost:

7. **Total requested support (USD):** \$5,000 maximum

8. Matching contribution (USD): \$2,500 minimum, please itemize
The matching fund could be any other grant like National Grants, institutional support, etc. In-kind contribution: animal housing, laboratory reagents and laboratory tests, high-performance laboratory equipment capacity (small animal MRI, gas chromatography, high-pressure liquid chromatography), accommodation and meals for visiting young scientists.

9. Funding modality (Please select one) For more details, see the *Grants and Funds Mechanism and Contract Modalities* below.

- Cooperation Research Agreement
- Grant Research Agreement

10. Justification of the purchases in the scope of the RECOOP research strategy

- What is the target of the measurements: cell lines, animal or human tissue or plasma?
- In which phase of your research will you use the reagent?
- Who will perform the measurements?
- How will these measurements support the ongoing research work of the scientist performing the measurements?
- How will it support the RECOOP research strategy?

11. RECOOP Purchasing Inventory

Please complete the excel file with requested price quotes from the vendors.

Heads of the departments and supervisors of the participating CRRCs agreed, and the applicant CRRC declared the availability of a matching fund.

Applicant CRRC Institution's name

Young Scientist	Name and signature
Supervisor	Name and signature
Department head	Name and signature

Partner CRRC Institution's name

Young Scientist	Name and signature
Supervisor	Name and signature
Department head	Name and signature

Partner CRRC Institution's name

Young Scientist	Name and signature
Supervisor	Name and signature
Department head	Name and signature

BMYS Grant Application Guidelines

Basic requirement

RECOOP will support only projects that are strongly related to RECOOP Common Mechanism of Diseases Research Strategy, which are:

- Obesity, correlation of peripheral and central insulin resistance
- Obesity, apoptosis, mitochondrial dysfunction
- Obesity, reproductive health, myometrium contractility
- Obesity, low-grade inflammation, neurodegenerative diseases
- Obesity, low-grade inflammation, cardiovascular diseases
- Low-grade inflammation and immune system response
- Environmental pollution, low-grade inflammation, neurodegenerative diseases
- New drug development and nanobiotechnology

Eligibility

Cedars-Sinai—RECOOP Research Centers (CRRCs)

Research studies

Preclinical and clinical research. In translational research projects the performed laboratory tests and measurements must have clinical relevance.

Type of project

Support of collaborative efforts. Minimum of one partner CRRC is required or exceptionally a non-CRRC partner organization that should clearly justify its participation on a project and its role and financing.

Age limit

40 years

Duration of the projects

12 months

Funding

\$5,000 USD maximum

Matching fund: \$2,500 USD minimum

The awarded amount will be paid only if the applicant provides and proves availability of a matching fund. Funding will be provided for maximum of two fiscal years of the project.

If the grant exceeds maximum of awarded funding or plans more than 12 months prior to its submission the applicant must discuss it with the president of RECOOP HST Association.

Travel and conferences Grant would not support any travel outside the RECOOP partnership and would not support any conference participation, except RECOOP organized meetings and conferences.

RECOOP has two versions of the research agreements—cooperation and grant—the grantee shall select one.

For more details, see RECOOP Grants and Funds Mechanism and Contract

Modalities

- Cooperation Research Agreement
- Grant Research Agreement

The submission deadline is February 28, 2020.

Application should be sent to Sandor G. Vari, MD, (vari@cshs.org) and Simona Lauerova (s.lauerova@seznam.cz)

The selection committee will be composed of the president of the RECOOP HST Association and four RECOOP scientists.

Selected grant applications shall be presented during the RECOOP 15th Bridges Annual Conference on April 3–4, 2020 in Wroclaw, Poland at the Novotel Wroclaw Centrum Hotel. Final selection of approved projects will be announced during the conference.

Approved projects will begin September 1, 2020.

BMYS Grants and Funds Mechanism and Contract Modalities

General Memorandum of Understanding (GMOU)

GMOU is a legal and contractual base for funding the grant applications approved by the General Assembly of RECOOP within the RECOOP Grant and Fund Mechanism in order to

- Support and foster research activities of the Cedars-Sinai RECOOP Research Centers (CRRC) and projects that are strongly related to a RECOOP Common Mechanism of Diseases Research Strategy and areas of interest and
- Create an environment that facilitates the efficient and effective utilization of the RECOOP funds

Grant and Research Agreements

I. Cooperation Research Agreement

Funding of the Grantee from RECOOP with RECOOP Central Purchasing

- Grantee arranges the price quote with the vendor. In case of a Central Purchase Modality for the Grantee from RECOOP Member States other than Hungary, RECOOP purchase manager administers the price quotes.
- Grantee justifies the price quote.
- Grantees must negotiate the payment to the vendor by RECOOP via bank transfer.
- RECOOP representative reviews the justification and, if it is approved, Grantee itemizes purchases in an excel chart RECOOP Purchasing Inventory with valid vendors' prices.
- Based on the price quotes, RECOOP prepares the purchase orders (PO) for the vendors listed in the RECOOP Purchasing Inventory with requested price quotes from the vendors.
- RECOOP sends PO to the vendors.
- Grantee confirms the shipment delivery.
- Grantee provides RECOOP with interim and final reports on research progress and on project expenses (including the Grantee institution's matching fund of \$2,500 USD) and submit them to the RECOOP every six months for evaluation.

Grantee shall not use the grant funds for any travel outside the RECOOP partnership or conference participation, except meetings and conferences organized or sponsored by RECOOP.

II. Grant Research Agreement

Funding of the Grantee from RECOOP

- Grantee's institution will open a separate bank account or subaccount assigned to the project and reports it to RECOOP.
- Grantee's institution keeps a distinct bookkeeping for expenditures.
- Based on the research plan outlined in the grant application, the Grantee solicits price quotes and itemizes the planned purchases in an excel chart with valid vendors' prices.
- RECOOP legal representative reviews the justification and, if it is approved, initiates bank transfer.

- RECOOP transfers funds for the project in parts, in the beginning of each fiscal year of the project implementation, to the Grantee's institution's project bank account.
- Grantee prepares and issues the PO for the vendors based on the RECOOP Purchasing Inventory.
- Grantee follows analytical accounting for determination of expenditures.
- Grantee provides RECOOP with analytical accounting statement for the project (including the Grantee institution's matching fund of \$2,500 USD), together with copies of price quotes, POs, invoices and as a part of the interim and final reports every six months for evaluation.

Grantee shall not use the grant funds for any travel outside the RECOOP partnership or conference participation, except meetings and conferences organized or sponsored by RECOOP.

