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Call for Technology Development/Implementation Projects linked to SciLifeLab

Science for Life Laboratory (SciLifeLab) was initiated in 2010 to strategically strengthen Swedish research in the molecular biosciences. SciLifeLab is a research center organized in collaboration between Karolinska Institutet (KI), Royal Institute of Technology (KTH), Stockholm University (SU) and Uppsala University (UU). Since 2013 SciLifeLab is a national infrastructure, responsible to provide universities and researchers in Sweden with technical support, analyses and knowledge.

In order to ensure close exchange of scientific knowledge between the national infrastructure of SciLifeLab and leading researchers, a unique research environment has been built in close proximity to the platforms, with research groups from all four host universities, KI, KTH, SU and UU. The host universities support research and technology development at SciLifeLab in several ways, for example via the state-financed strategic research funds (SFO).

To further stimulate the involvement of SU in future technologies and infrastructure facilities linked to SciLifeLab, a call for support to Technology Development/Implementation Projects (TD/IP) is now opened.

PIs are invited to apply for 2-year financial support to develop new technology or to advance/implement existing technology, with the aim that it can be launched as a service to Swedish researchers as part of the national infrastructure facilities/platforms at SciLifeLab. This means that the developed technologies/applications must be of the highest technical and scientific quality, and are is expected to be of great interest/importance for researchers within molecular biosciences in Sweden.

Applications are opened for a maximum of 1.25 MSEK/year x 2 years and can cover:
- Salary or part of salary for a postdoctoral researcher, who will be responsible for the technology development
- Costs for material, reagents and running costs that are necessary for development of the technology
- Costs for necessary, small equipment

The evaluation and prioritization of the applications will be done by SciLifeLab infrastructure management and by the working committee (Arbetsutskottet) (i.e. SciLifeLab committee) of the Science Faculty board, based on:

Områdesnämnden för naturvetenskap

(1) Scientific and technical quality (2) How well the technology/application fits with SciLifeLab activities and (3) The expected needs/value of the technology/application for putative users.

The application should have at least one responsible project leader/PI employed at SU. Collaboration with an existing infrastructure platform/facility is recommended but not necessary.

Application (in Swedish or English) should include (max 5 pages):

- Name of the Technology Development/Implementation Project (TD/IP)
- Name, department and contact information of the responsible applicant and any co-applicants.
- Description of the technology/application that will be developed/advanced/implemented and its scientific user areas (max 2 pages).
- Description of how well the technology fits into SciLifeLab activities (max ½ page).
- Description of the value/importance of the technology/application for research within molecular biosciences in Sweden, and the expected request from users within academia, industry, environmental management or health care (max ½ page).
- Budget, including costs for personnel, material, running costs, equipment if any, overhead (max 20%) and other costs if any. Other financial support should also be included. The total yearly sum applied should be clear (max ½ page).
- For applications for equipment, it is necessary to attach quotes and a justification of why the equipment is necessary for the project.
- A short clarification from the departmental chair that the application is approved.

The announcement for and employment of a researcher is done by the PI's home department according to SU's rules. The funding should be requisitioned afterwards from the Faculty of Science, each year in November. A scientific report (max 1 page) and an economic report should be submitted to the Office of Science at the time of requisitioning the funding, each year in November. The project has to be finished at the latest 3 years after funding was approved (in May 2022). Max 20% overhead can be withdrawn, as SFO funding is considered as internal grants.

For questions concerning present infrastructure platforms/facilities, contact Annika Jenmalm Jensen (Annika.Jenmalm-Jensen@ki.se) and Mats Nilsson (mats.nilsson@scilifelab.se). Other questions about the call, contact Ylva Engström (ylva.engstrom@su.se)

Applications should be sent as one single pdf document to the Office of Science, katariina.kiviniemi.birgersson@su.se latest 31 March. Write "Technology Development application" in the subject line.

Time plan:
Deadline for application 2019-03-31
Decision on funding in May
Accumulated project costs are requisitioned, yearly in November
Scientific report year 1, at the latest Nov 30, 2020
Scientific final report in November 2021, but at the latest May 31, 2022