



X-HiDE start-up grants for translational projects on inflammatory mechanisms of clinical significance

Grant background

The X-HiDE research profile, together with academic and business partners, provides in-depth molecular insight into inflammatory processes based on translational research of experimental biomedicine, medical science and system biology (www.oru.se/X-HiDE). In order to encourage translational projects on key inflammatory mechanisms with clinical significance, X-HiDE announce a call for start-up grants to stimulate collaborative research related to inflammation.

Grant aims

- To identify pilot studies with the potential to develop into full-scale projects associated to the X-HiDE profile.
- To identify novel approaches of studying pathophysiological mechanisms related to inflammatory processes with focus on improvement of diagnostics and treatment.

Who can apply?

Researchers (PhD/MD) and PhD students with the ambition of exploring molecular pathways or analyzing mechanisms involved in inflammatory processes are eligible to apply. In addition, the call is open for ongoing clinical studies that address new research questions related to inflammatory mechanisms. Researchers with limited possibility to perform planned analyses themselves may, if motivated in the application, apply for and be offered the support and time by a technician. If a project has received a start-up grant from our previous calls, the call allows researchers to apply for the current grant if a novel and innovative research question is presented.

What can be apply for?

The grant is intended to cover running expenses related to experiments, analyses and attainment of specialized novel competence or methodology. Funds may be used for expenses related to salaries for technician performing the analyses, but are not intended to support salaries for involved researchers e.g. the PI.

How much can be apply for?

In this call, grants will be funded with up to approximately 100 000 SEK to be used in 2024. The grants will not be affected by over-head costs.

Evaluation criteria

The qualified projects should:

- be of innovative, explorative and/or experimental design.
- be based on a clinical research question of relevance for diagnosis, prognosis, treatment or characterization of inflammatory processes seen in a defined disease or condition.



- include clinically derived material.
- address the research question using molecular analytical methods.
- contribute to the knowledge of inflammatory phenotype-specific and/or phenotype-common mechanisms (as described at <https://www.oru.se/english/strategic-initiatives/strategic-research-profiles/x-hide/a-new-concept-of-describing-inflammation/>).
- contribute to translational research by collaboration between medical, biomedical and/or system biology researchers.
- preferentially, if possible, include collaboration with X-HiDE external company partner(s).

Decision process

A work group with representatives of themes, WPs and X-HiDE management is responsible for the call. Grants will be decided upon by the group in a timely fashion. Unsuccessful applications will receive feedback in order to potentially develop a future collaboration in X-HiDE outside of the present call.

Questions and more information

If you are unsure about the criteria or want to discuss the potential of your project and collaborations in X-HiDE, please do not hesitate to contact us through X-HiDE@oru.se.

Granted applicants will be invited to present their research at a suitable X-HiDE function e.g. open seminars.

How to apply

Use the template below and submit the application to X-HiDE@oru.se. Label your submission "Start-up grant 2024". The application deadline is 2024-03-09, at 23:59:59.

1. Background, research question and aim, an outline of the approach including description of the disease/condition, materials, analyses, data collection and processing. A timeline should be presented. (<300 words)
2. Expected outcome. Results and application of data. (<200 words)
3. Available infrastructure, human resources, and additional funding. (<200 words)
4. Main risks and potentials of the project. (<200 words)
5. Aims and expected results related to interests of the X-HiDE profile. (<200 words)
6. Description of key collaborators. (<200 words)
7. Budget. The costs should be defined and motivated. N.B. that overhead costs (OH) are accounted for separately and should not be included in the budget.

External company partners

Sprint Bioscience <https://www.sprintbioscience.com/en/>

TATAA biocenter <https://tataa.com/>

Wolfram Math Core <https://www.wolframmathcore.com/>

Astra Zeneca <https://www.astrazeneca.com/>