

Life Sciences

Innovative biological and biomedical applications of novel imaging technologies

Call 2014

IMAGING 2014 is a project call within the Vienna Science and Technology Fund (WWTF) Life Sciences programme dealing with innovative biological and biomedical applications of novel imaging technologies. It invites

- universities and non-university research institutions as well as scientists and researchers in Vienna, including those moving to Vienna as a result of this call,
- who want to conduct a cutting-edge research project over several years (2-4 years) in biological or biomedical imaging. Partnerships across imaging facilities and institutions in Vienna are welcome but not mandatory.
- Proposals should use the newest generation of imaging technologies.
- Proposals should tackle biological or biomedical questions that could not or have not been addressed up to now requiring innovative imaging methodology.
- A total of € 4 million will be dedicated to this call. Funding range per project is € 200.000-600.000.

This is a two stage call:

Short proposals have to be submitted by 28 March 2014.

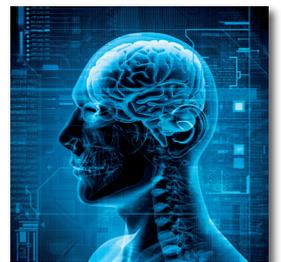
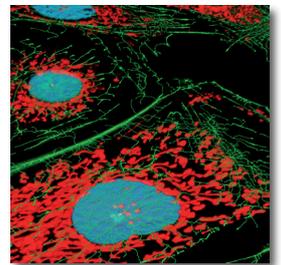
Full proposals have to be submitted by 8 August 2014.

All interested parties are cordially invited to an **open Proposers' Day**.

There will be a special section at this event for female applicants.

28 January 2014, 1-5 pm.

edu4you Frankgasse 4, 1090 Wien, Eingang Garnisongasse



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>> More details
on the reverse side

WWTF Project Call 2014 "Life Sciences – IMAGING"

Innovative biological and biomedical applications of novel imaging technologies

Focus and Key Facts

WWTF's Life Sciences project call targets cutting-edge research that supports the development of novel approaches in biological and biomedical imaging methodologies with the potential to substantially move forward the Life Sciences. Please note that while the addressed question has to be biologically or biomedically driven, the Principal Investigator does not have to come from these fields.

Funding: The overall budget allocated for the 2014 call is € 4 million.

Schedule: The call starts on 10 January 2014. The deadline for short proposals is 28 March 2014. Note, that this is a two-stage selection process. Full proposals are only accepted upon invitation. The deadline for full proposals is 8 August 2014. The funding decision is expected for December 2014.

WWTF provides funding for scientific projects which should:

- address a clearly identified biological/biomedical question,
- bring together competences in imaging and in biological/biomedical research,
- aim to make use of the newest generation of imaging technologies such as functional and multi-parametric MR imaging, super resolution imaging and other novel optical microscopy techniques, hybrid imaging, ultrahigh field MR imaging, PET/SPECT imaging, whole body imaging, and single particle tracking microscopy,
- last 2–4 years and will typically request between € 200.000 and € 600.000 funding.

Please also consider the following do's and don'ts:

- Ideally, proposals should include the development of novel methodological approaches and its application to a relevant biological or biomedical question. Projects involving only image analysis, post-processing, pure technological development or only the evaluation and validation of methods and biomarkers are not within the scope of this call.
- It is essential that the project team involves an expert in the imaging technology/methodology used and a researcher responsible for the biological or biomedical question that would have to be addressed.
- Please be aware that in case of funding the PI must be affiliated to a Viennese university or research institution for the whole duration of the project.
- The main project activities should take place in Vienna. However, core team members can be based world-wide. Up to 20% of funding for researchers may be allocated outside Vienna.
- New partnerships across institutions and imaging facilities in Vienna would be desirable but are not mandatory.
- No preliminary data is requested. Nevertheless, ideas have to be scientifically sound, feasible and well-grounded.

For more details kindly refer to the "WWTF Funding Guidelines" and to the "Guide for Writing a Proposal", both available online at www.wwtf.at

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