

3rd Call for **i³tm Rotational Positions** for the promotion of young scientists

Background:

The Integrated Interdisciplinary Institute of Technology for Medicine (i³tm) will support the increase in research cooperation in the field of medicine & technology – especially concerning the Research and Translation of Biohybrid Medical Systems and Pharmaceuticals. One activity is the funding of i³tm Rotational Positions. This measure should promote the cooperation of young scientists from different disciplines (medicine, engineering and natural science) and to support the cooperation in Germany and abroad.

The program is addressed to young physicians, natural scientists and engineers, who would like to learn at a host institution (in- & abroad) new methods and techniques in a 4 weeks up to 6 month stay. Furthermore young scientists from external facilities (in & abroad) are welcome to come to Aachen for a research internship.

1. Type and Aim of the project

With the i³tm Rotational Position program the national and international networking should be strengthened, young scientist get the chance to work in a host institution.

Scientists can apply for a research project in the thematic area of “Research and Translation of Biohybrid Medical Systems and Pharmaceuticals”, which allows them to stay at a host institution (national and international) with the research areas of medicine, natural science and engineering. The program is open for incoming and outgoing applicants.

2. Selection and evaluation criteria

The projects will be selected and evaluated by an evaluation group. The evaluation process may involve external experts.

The selection criteria for submitted proposals will be:

- Originality
- Interdisciplinarity
- Sustainable impact for the I³TM
- Competences and preliminary work of the applicant
- Adequateness of research approach

Major evaluation criteria after project completion will be the quality of obtained research results and the future perspective of the research topic as described in a final report, which has to be provided at least 18 month after project closure.

3. Funding

The budget for the Rotational Position Program is provided by the Excellence Initiative of the German federal and state governments and makes allowances to the allocation model aiming for 30% share of females funded by the Institutional Strategy.

Eligible costs are: Staff expenses, travel and subsistence costs.

4. General conditions

- Eligible applicants are young scientist of the above mentioned research areas in the stage of their PhD or afterwards. For physicians phd is required
- Applicants of the RWTH/ UKA must have a job beyond the period of the guest stay
- The duration of exchange is 4 weeks up to 6 months. An extension of the exchange should be submitted at least 8 weeks before the end of the stay.

5. Proposal structure and content

First step

Short proposal: presentation (max. 8 slides incl. title, 2 pages current status of research, further structure according to full proposal b) to f), see below) and short description (title (incl. acronym), project partners, affiliation, ½ page summary plus working and financial plan, type Arial, size 11, line spacing 1.5, max. 1 page). Presentation should not exceed 10 min and will be followed by a 10 min discussion. (Presentation workshop will take place on March 30th 2016). In addition applicants have to submit an informal acceptance of the guest institution and the signed form. Proposals must be sent as PDF. i³tm reserves the right to make a preselection if the number of applications exceeds the frame of the workshop.

For grant recommended proposals are prompted to submit a full proposal within 2 weeks.

Second step

Full proposal: max. 10 pages, type Arial, size 11, line spacing: 1.5

- a) Summary
- b) Current State-of-the-Art
- c) Relevant Work of the Applicants
- d) Goals and Approach (Methodology)
- e) Working Plan
- f) Financial Plan
- g) Expected Long Term Impact for i³tm
- h) References

Language: English or German

Please note: Proposals that do not comply with the formal criteria will be excluded from the reviewing process. If you have any questions concerning the compliance of the formal criteria of your proposal please contact the i³tm Geschäftsstelle.

1. Deadline for Submission of short proposal: March 16th 2016

2. Project Start: June 1st, 2016

3. Contact Data: Please apply via E-Mail to

i³tm Geschäftsstelle

Dipl.-Biol. Nina Keusgen

Dr. rer. nat. Kerstin Spornhauer

E-Mail: geschaeftsstelle@i3tm.rwth-aachen.de; Keyword: 6th Seed Fund Call

Phone.: +49 241 8085551

Please note that external reviewers may be used in the process. Therefore, please provide names of scientists/institutions you do not want to be used as reviewers because of direct competition in a separate e-mail.