

The DLR Institute of Aerospace Medicine, Cologne, Germany offers in cooperation with the universities of Aachen, Bonn, Cologne, Kiel and Regensburg excellent and interdisciplinary training for up to 25 doctoral candidates from different fields. Participants will learn to develop integrated concepts to solve health issues in human spaceflight and in related disease patterns on Earth, and to further explore the requirements for life in extreme environments, enabling a better understanding of the ecosystem Earth and the search for life on other planets in unmanned and manned missions.

Your benefit

- Scholarship for 3 years
- Intensive mentoring by thesis advisory committee
- Introductory & advanced lectures in subfields of space life sciences: radiation & gravitational biology, astrobiology & space physiology
- Elective courses for specialization in one of the subfields (seminars, practical courses)
- Intensive soft skill training
- Stays at the partner institutions or abroad
- Students' Workshop & Journal Clubs



Muscle cross
section (thigh)

Who can apply?

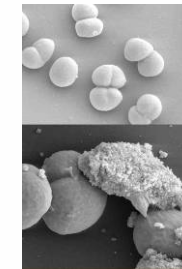
- Highly qualified and motivated graduates from any country
- Applicants should hold a Master's or other degree with excellent grades comparable to a German University Diploma or Master degree in biology, physics, psychology, veterinary medicine, nutrition or sports sciences.
- Potential participants should have a strong interest in life sciences and skills for experimental research.
- Applicants should have excellent proficiency in spoken and written English.
- Knowledge of German is useful, but no prerequisite

Start of the program

April 2009 (at the earliest)

Duration

3 years



*Deinococcus
radiodurans*

How to apply?

Applicants are invited to send

- their curriculum vitae,
- list of publications,
- copy of their diploma/master theses,
- past and present research interests,
- copies of masters/diploma certificates (with translation if not in German, English or French) and
- contact addresses of two referees.

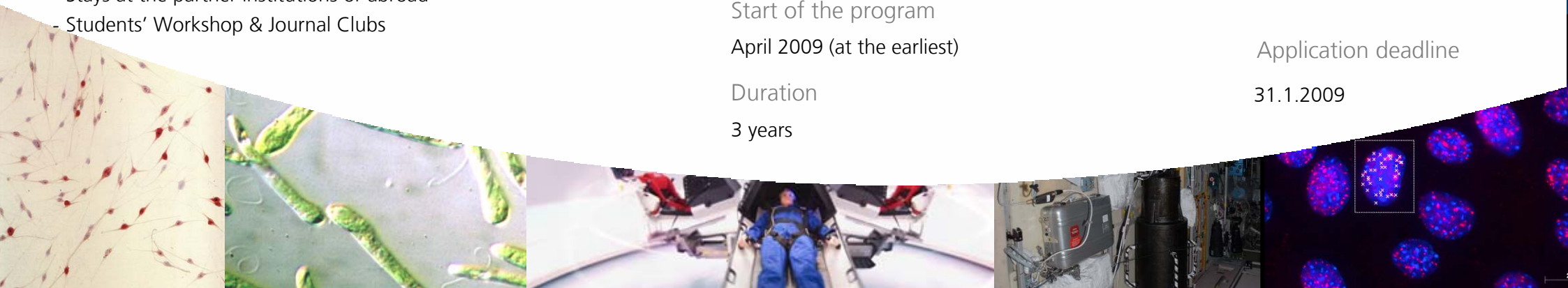
Selected candidates are interviewed by the SpaceLife Selection Committee.

Please refer to the SpaceLife webpage

<http://www.dlr.de/me/SpaceLife>

Application deadline

31.1.2009



SpaceLife

Members



Institute of Aerospace Medicine, German Aerospace Center (DLR), Köln, Germany



Christian-Albrechts-Universität zu Kiel

Institute for Experimental and Applied Physics at the CAU in Kiel, Germany



Institute for Molecular Physiology and Biotechnology of Plants (IMBIO) at the University of Bonn, Germany



Institute of Aerospace Medicine and the Institute of Botany at the RWTH Aachen, Germany



Institute for Training Science and Sports Informatics of the DSHS Köln, Germany



Lehrstuhl für Mikrobiologie and the Archaea Centre of the University of Regensburg, Germany

SpaceLife-ME-D-1008

SpaceLife

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Helmholtz Space Life Sciences Research School (SpaceLife)

An Interdisciplinary Doctoral Candidate Program

