

# Biocommunication

## Mechanisms and Consequences of Information Storage and Retrieval in Plants and Microbes



IRTG of the Collaborative Research Center 973



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### Focus

The integrated research training group (IRTG) of the CRC 973 aims to qualify PhD candidates to develop into internationally well connected academics capable of linking molecular knowledge with ecological concepts. The IRTG is part of the graduate programme of the Dahlem Centre of Plant Sciences at the Freie Universität Berlin.

The IRTG programme teaches PhD candidates how to tackle scientific questions of molecular and ecological life sciences by an interdisciplinary approach. The programme offers a curriculum that combines the current state of molecular life science with ecological concepts. The PhD candidates are offered lectures, seminars and lab training courses that use cutting-edge methodologies. The programme is based on interdisciplinary teaching within the CRC 973 and is enriched by lectures presented by internationally highly renowned guest scientists. Furthermore, the IRTG programme is supported by the offers for PhD candidates enrolled in the graduate programmes of Freie Universität Berlin, University of Potsdam and the Max Planck Institute of Molecular Plant Physiology.

Genetics, Biochemistry, Molecular Biology



Need of co-work

### Structural Impact

The IRTG is integrated into the structures of the Dahlem Research School (DRS) and Potsdam Graduate School (PoGS). Students will have access to diverse offerings of the DRS: qualification seminars, mentoring, exchange across disciplines, welcome center, post-doc fellowships.

Deadlines: calls and deadlines vary  
 Places: no fixed number  
 Scholarships: 5 per year



### Qualification Concept

The IRTG will provide a framework specifically tailored to the particular scientific needs of the CRC programme. Essential key elements of this framework are: (a) Qualification of the PhD students in both the advanced molecular and biochemical methods as well as in the ecological and evolutionary approaches, and unification of these currently often separately used disciplines by a structured curriculum with a supervision and training concept; (b) international education of young researchers by providing the chance of international exchanges, in alignment with the concept of the FU Berlin as international network university, facilitating national and international networking activities and connectivity; (c) training in soft skills by a special programme with the objective to improve the performance and enhance future employment chances of young researchers.

### Contact Information

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