

***Babeş-Bolyai University Cluj-Napoca
2012-2013***

Doctoral School in Integrative Biology

Doctoral supervisors

Vasile Cristea

Plant ecology and conservation; Phytosociology

Annette Damert

Molecular and cell biology; Mobile genetic elements

Nicolae Dragoş

Molecular and cell biology; The biology of cyanobacteria; Algology

Octavian Popescu

Recombinant DNA; Bionanotechnology; Molecular interactions

Elena Rakosy

Plant genetic engineering; Resistance to biotic and abiotic stress; Cytogenetics; Bioethics

Laszlo Rakosy

Invertebrates taxonomy, biogeography and phylogeography; Habitat and species protection and conservation; Landscape ecology and Biodiversity

Corneliu Tarba

Biophysics; Membrane biology; Bioenergetics

Affiliated academic staff

Szabados Laszlo - BRC Szeged HU

Plant molecular biology, Stress genetics

Horia Banciu

Extremophile biology

Manuela Banciu

Nanotechnology, Cell culture

Lucian Barbu

Cell biology and ultrastructure

Marko Balint

Ants taxonomy and ecology

Florin Crisan

Plant biology and consevation

Irina Goia

Plant ecology and taxonomy

Dan Gafta

Plant ecology, Biostatistics

Laura Momeu

Ecology and taxonomy of algae

Marcel Parvu

Phytopathology

Mihai Puscas

Plant molecular taxonomy

Corina Rosioru

Animal physiology

Ester Ruprecht

Plant biology

Szekely Gyongyi

Plant stress genetics

Luiza Ujvarosi

Molecular taxonomy of invertebrates

Constantin Craciun

Cell biology and ultrastructure

Nicolae Coman

Genetics

Description

The PhD studies at the Faculty of Biology and Geology, Biology section are integrating the last tendencies of modern biology. The students are developing research both in the field and well equipped laboratories covering such subjects as: new insights in molecular taxonomy and ecology of different groups such as algae, bacteria, plants, butterflies and moth, ants, birds or other animals, including their status, ecology and protection.

Experimental biology addresses other important topics like cell and molecular biology of resistance to biotic or abiotic stress, plant modification through cell fusion or gene transfer, molecular biology of extremophiles as new sources of important compounds, cytogenetics, bionanotechnology and others.

Two research institutes, one research group, the Botanical Garden and Zoology Museum are also facilities which sustain the PhD studies along with national and international research projects.

Contact

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