



Ildikó Racskóné Domonkos

Nationality: Hungarian **Date of birth:** 18/12/1965 **Gender:** Female **Phone number:** (+36) 62599704

Email address: domonkos.ildiko@brc.hu

Work: Biological Research Centre Temesvári krt. 62., 6726 Szeged (Hungary)

WORK EXPERIENCE

Research fellow

Biological Research Centre [01/01/2007 – Current]

City: Szeged

Country: Hungary

- scanning electron microscopy
- physiology and morphology of microalgae
- biochemical and biophysical properties of thylakoid membranes
- role of lipids and carotenoids in photosynthesis
- teaching activity: courses about biotechnology of cyanobacteria and the role of lipids in photosynthetic organisms; both for BSc, MSc and PhD students at the University of Szeged

Assistant research fellow

Biological Research Centre, Hungarian Academy of Sciences [01/09/2003 – 31/12/2006]

City: Szeged

Country: Hungary

- physiology of cyanobacteria
- biochemical and biophysical properties of thylakoid membranes
- role of lipids and carotenoids in the structure and function of thylakoid membranes and in photosynthesis

PhD student

Biological Research Centre, Hungarian Academy of Sciences [01/09/2000 – 31/08/2003]

City: Szeged

Country: Hungary

- biochemical and biophysical studies on thylakoid membranes of cyanobacteria
- role of lipids and carotenoids in the structure and function of photosynthetic complexes

Junior research associate

Department of Biochemistry, Medical School of Albert Szent-Györgyi University [01/09/1990 – 31/08/2000]

City: Szeged

Country: Hungary

- immunofunctions of mammalian leukocytes: adhesion, aggregation, phagocytosis
- flow cytometry and morphology

Guest researcher in external work places

2-6 weeks per years in 2002-2012

Laboratory of Biophysics, Wageningen University, Wageningen, the Neatherlands

Department of Plant Physiology and Biochemistry, Faculty of Biotechnology, Jagiellonian University, Kraków, Poland

Institute of Microbiology, Academy of Sciences, Třeboň, Czech Republic

Institute of Biophysics, Bulgarian Academy of Sciences, Sofia, Bulgaria

EDUCATION AND TRAINING

PhD - Thesis title: Role of phosphatidylglycerol in the structure and function of Photosystem I
University of Szeged [2007]

City: Szeged

Country: Hungary

pre-degree certificate

PhD School in Biology, University of Szeged [01/09/2000 – 31/08/2003]

City: Szeged

Country: Hungary

plant biology, biochemistry and biophysics of photosynthesis, lipid biochemistry

MSc in Biology (molecular biology and biotechnology)

Attila József University [01/09/1985 – 23/06/1990]

City: Szeged

Country: Hungary

LANGUAGE SKILLS

Mother tongue(s): **Hungarian**

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Google Drive / Reference manager / ImageJ Fiji / Corel Draw / Origin Pro / EndNote

PUBLICATIONS

Publications

Scientific publications: 32

Cumulative IF: 153,304

Citations: 562/749

Book chapters: 1

Hirsch index: 15

Link: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10012903>

NETWORKS AND MEMBERSHIPS

Memberships

Hungarian Society for Microscopy / European Microscopy Society

Hungarian Biophysical Society

Hungarian Society for Plant Biology

CONFERENCES AND SEMINARS

International conferences

- 2021: Microscopy Conference 2021 (Joint Meeting of Dreilandertagung & Multinational Congress on Microscopy - DIGITAL)
- 2019: Algaeurope, Paris, France
- 2017: 8th Symposium on Microalgae and Seaweed Products in Plant/Soil-Systems, Mosonmagyaróvár, Hungary
- 2015: International Conference Photosynthesis Research for Sustainability-2015: In honor of Dr. George C. Papageorgiou, Crete, Greece
- 2014: 9th European Workshop on the Molecular Biology of Cyanobacteria, Texel, the Netherlands
- 2013: 6th European Symposium on Plant Lipids, Bordeaux, France
- 2012: 20th International Symposium on Plant Lipids, Seville, Spain
- 2011: 8th European Workshop on the Molecular Biology of Cyanobacteria, Naantali, Finland
- 2011: 16th International Symposium on Carotenoids, Krakow, Poland
- 2008: 7th European Workshop on the Molecular Biology of Cyanobacteria, České Budějovice, Czech Republic
- 2006: 17th International Symposium on Plant Lipids, East Lansing, MI, USA
- 2005: 4th Euroconference on the Molecular Bioenergetics of Cyanobacteria, San Feliu de Guixols, Spain
- 2004: 14th FESPB Congress, Krakow, Poland
- 2004: 16th International Plant Lipid Symposium, Budapest, Hungary
- 2001: Advanced Biophysics School on Lipid-Protein Interactions and the Organization of Membranes, Szeged, Hungary
- 1993: INTERLEC 15, 15th International Lectin Meeting, Szeged, Hungary
- 1992: 8th International Congress of Immunology, Budapest, Hungary

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HONOURS AND AWARDS

Dr. Rollin D. Hotchkiss prize

[2004]

JOB-RELATED SKILLS

Job-related skills

scanning electron microscopy: sample preparation and microscope operation
