**ATTILA FARKAS**
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*Date and place of birth:* 4th September 1979; Kiskunfélegyháza, Hungary
*Nationality:* Hungarian

**Education**

2003 – 2008 University of Szeged, Hungary, Faculty of Natural Science**,** Environmental Researcher

1998 - 2003 University of Szeged, Hungary, Juhász Gyula Teacher Training Faculty, Biology – Physical education

**Present and previous work addresses and positions**

2017- Biological Research Centre, Hungarian Academy of Sciences, Institute of Plant Biology, Szeged, Hungary
Scientific Administrator

2021- Senior Research Assistant of Advanced Core Facility, HCEMM, Hungarian Centre of Excellence for Molecular Medicine, University of Szeged, Szeged, Hungary

2012-2017 Biological Research Centre, Hungarian Academy of Sciences, Institute of Biochemistry, Szeged, Hungary
Scientific Administrator, Symbiosis and Functional Genomics Unit, Microbial Genomics

2008-2012 Bay Zoltán Research Foundation, BayGen Institute Szeged, Hungary
Young Scientist, Bioenergy, Microbial Genomics

2003- Magister Universitas, Hungary
Biology Teacher

**Professional Affiliation**

Member in Hungarian Society for Microbiology

**Publications and Citations**

| | |
|---|---|
| **Cumulative Impact Factor:** | **119,238** |
| Number of Publications: | 18 |
| First-author Publications: | 4 |
| Total Citations: | 1575 |
| Hirsch-index: | 15 |

**Profile**

**Researchgate**: https://www.researchgate.net/profile/Attila_Farkas5/research **Google Scholar**: https://scholar.google.com/citations?user=zP7Mpo0AAAAJ&hl=hu

**Languages**

Hungarian - native
English - intermediate level
Spanish - basic level

**Areas of Expertise**

Microbial Interactions, Symbiosis Research, Natural Antimicrobial Peptides, Protein-protein interaction, Molecular background of natural algal bacterial association, confocal laser scanning microscopy, scanning electron microscopy

**Expertise in Scanning Electron Microscopy**

5 years of experience with JEOL JSM-7100F / LV high-end field emission scanning electron microscope
5 years of experience with bacterial, fungal, algal, plant, arthropod, human cell lines biological samples
Experience using Quorum K850 critical point dryer in biological sample preparation technique
Experience with Quorum Q150 coater for high resolution SEM images in vacuum evaporation mode with gold and chromium
Experience in the latest sample preparation technique by ionic hyperosmotic liquid for observing less conductive samples

**Techniques**

Working with Prokaryotes, Plants and Algae
Working with proteins and peptides
Protein Gel Electrophoresis
Western Blot
Affinity Chromatography
Radioactive Assays
Confocal Laser Scanning Microscopy
Scanning Electron Microscopy

## Patent

2009 Nodule specific medicago peptides having antimicrobial activity and pharmaceutical compositions containing the same
European application number: 09305547.3-2107
Inventors: Kondorosi E., Mergaert P., Van de Welde W., Maróti G., Farkas A., Kereszt A.