

PERSONAL INFORMATION

Florin-Daniel LIPȘA



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Sex Male | Date of birth 18/03/1977 | Nationality Romanian

JOB APPLIED FOR

Associate Professor, position II/12, Microbiology

WORK EXPERIENCE

04/2016–Present

Vice-dean of the Faculty of Agriculture, UASVM Iași.

Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania (www.uaiasi.ro/agricultura)

Responsibilities relating to the Scientific Research and International Relations of the Faculty

10/2012–Present

Lecturer, Department of Plant Sciences, Faculty of Agriculture, UASVM Iași.

Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania (www.uaiasi.ro/agricultura)

Main activities and responsibilities: Teaching and research on issues related to the General, Soil and Food Microbiology, Fermentation technology, Virology and bacteriology.

01/2005–09/2012

Teaching Assistant, Dept. of Plant Sciences, Faculty of Agriculture, UASVM Iași

Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania (www.uaiasi.ro/agricultura)

Main activities and responsibilities: Teaching and research on issues related to the Microbiology and Phytopathology.

02/2003–12/2004

Associate instructor, Dept. of Plant Sciences, Faculty of Agriculture, UASVM Iași.

Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania (www.uaiasi.ro/agricultura)

Main activities and responsibilities: Teaching and research on issues related to the Microbiology and Phytopathology.

EDUCATION AND TRAINING

04/2011–04/2013

Post - doctoral degree in Agronomy

Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania (www.uaiasi.ro/agricultura)

Topic: *Research on the presence and spread of infectious agents in vineyards using serological methods POSDRU/89/1.5/S/62371*

25/06/2010

PhD in Agronomy (Magna Cum Laude) at Justus Liebig University Giessen, Germany

Justus Liebig Universität, Ludwigstraße 23, 35390 Giessen, Germany

PhD thesis: *Genetic and molecular investigations of antinutritive phenolic compounds (tannins) in rapeseed (Brassica napus L.)*. Scientific advisor: Prof. Dr. Dr. h. c. Wolfgang Friedt).



Doctoral degree was recognized by the Ministry of Education, Research and Development of Romania in 2010.

- 01/2006–10/2008 **Doctoral grant financed by DAAD (Deutscher Akademischer Austauschdienst)**
Justus Liebig Universität, Ludwigstraße 23, 35390 Giessen, Germany

- 10/1995–06/2001 **Agricultural engineering degree (Diploma) at Faculty of Agriculture**
Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Romania
License in Plant protection (scientific advisor: Prof. Dr. Mihai Tălmăciu).

- 09/1991–07/1995 **High school diploma**
Agricultural High school Podu Iloaiei, Șos. Națională nr. 88, 707365 Podu Iloaiei, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C2	C2	C2	C2	C1
TestDAF (Frankfurt am Main, 2003) și ZMP (Giessen, 2002)					
English	C1	C2	C1	C1	C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

- good communication skills gained through my experience as university lecturer
- excellent contact skills with students gained through my experience as university lecturer

Organisational / managerial skills

- leadership (director or member in different research projects, vice-dean responsible for a team of more that 20 people).
- good organisational skills
- good team-leading skills

Job-related skills

- good command of quality control processes (currently vice-dean responsible for research quality and internationalization)
- mentoring skills (as lecturer, I am responsible for the training and induction of students)

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

Other computer skills: JoinMap and PlabQTL; Microsoft Office™ (Word™, Excel™, PowerPoint™); Corel Draw and Photoshop



ADDITIONAL INFORMATION

Other attributions and activities at faculty and university level

04/2016 - present: Vice-dean of the Faculty of Agriculture, UASVM Iași. Responsibilities relating to the Scientific Research and International Relations of the Faculty.

04/2016 - present: Member of the University Senate (UASVM Iași).

04/2016 - present: Member of the Faculty Council.

2008 - 2016: Member of the Department of Plant Sciences Council.

10/2016: Member of the Scientific and Organizing Committee of international scientific *Conference on Agriculture and Food engineering*, Iași, Romania.

2008 - present: Responsible for the activities of **IAESTE** Romania (*International Association for the Exchange of Students for Technical Experience*) at UASVM Iași (co-founder member of association).

Specializations and qualifications

- 05/2018, Justus Liebig University Giessen, Germany, Teaching staff mobility Erasmus +
- 05/2017, Justus Liebig University Giessen, Germany, Teaching staff mobility Erasmus +
- 05/2016, Justus Liebig University Giessen, Germany, Teaching staff mobility Erasmus +
- 04/2015, Justus Liebig University Giessen, Germany, Teaching staff mobility Erasmus +.
- 05/2013, ZHAW University Zürich, Switzerland, Teaching staff mobility Erasmus - Socrates.
- 10/2001 – 12/2002, Scientific assistant, Department of Plant breeding at Justus Liebig University Giessen, Germany.

Publications Author of 6 books/book chapters, 8 articles in ISI journals (4 as first/corresponding author) and 61 articles in other peer-reviewed journals/proceedings indexed by CABI database.

Technical books/Manuals (since 2010)

1. LIPȘA F.D., ULEA E., 2018 – Practical manual for food microbiology, Publishing House Ion Ionescu de la Brad, 162 p., ISBN 978-973-147-275-1.
2. LIPȘA F.D., ULEA E., Ulea Eugen, 2017 – Food microbiology, Publishing House Ion Ionescu de la Brad, 265 p., ISBN 978-973-147-275-1.
3. ULEA E., LIPȘA F.D., 2013 - *Considerations of the potential application of antimicrobial agents on textile materials*, in *Textiles Materials with Medical End-Use II* (148 pag), Editor RADU C.D., Publishing House Performantica, ISBN 978-606-685-074-2.
4. ULEA E., F.D. LIPȘA, 2012 - *Practical guide for microbiology*, Publishing House Ion Ionescu de la Brad Iași, 150 pag., ISBN: 978-973-147-107-5.
5. ULEA E., F.D. LIPȘA, 2011 - *Microbiology*, Publishing House Ion Ionescu de la Brad Iași, 203 pag., ISBN: 978-973-147-091-7.
6. LIPȘA Florin Daniel, 2010 - *Genetische und molekulare Untersuchungen antinutritiver phenolischer Inhaltsstoffe (Tannine) der Rapssaat (Brassica napus L.)*, Cuvillier Verlag Göttingen (Germania), ISBN 978-386-955-540-9, 134 p.

List of publications (selective, since 2012):

1. LIPȘA F.D., ULEA E., 2017 - *Assessment of yeast diversity in different soil types under various management regimes in Moldavia region, Romania*, USAMV Iași, *Lucrări științifice. Seria Agronomie*, 60(2):11-14, ISSN 1454-7414.
2. LIPȘA F.D., FLOREA Andreea-Mihaela, ULEA E., 2017 - *Comparative studies of the fungal aerosols in some educational buildings from urban and rural environments in Neamt County, Romania*, *Scientific Papers. Agronomy series*, 60(2): 197-200, ISSN 1454-7414.
3. CARA IRINA GABRIELA, LIPȘA F.D., CARA MIHAI SORIN, BURTAN LAVINIA, ȚOPA DENIS, JIȚĂREANU GERARD, 2017 – *Dissipation of acetochlor and residue analysis in maize and soil under field conditions*, *AgroLife Scientific Journal* – 6(1):48-55, ISSN 2285-5718.
4. ULEA E., LIPȘA F.D., BĂLĂU Mihaela Andreea, FILIPOV F., MORARI Evelina Cristina, 2017 - *Diversity of soil bacteria as indicators of soils pollution in Moldavia region, Romania*, *Environmental Engineering and Management Journal* 16(4):879-889, ISSN: 1582-9596.
5. LIPȘA F.D., ULEA E., CHIRIAC IRINA PARASCHIVA, 2016 - *Monitoring of fungal aerosols in some educational buildings from Iași, Romania*, *Environmental Engineering and Management Journal*



15(4):801-807, ISSN: 1582-9596.

6. BĂLĂU Andreea-Mihaela, LIPȘA F.D., ULEA E., 2016 - *Evaluation of some wheat varieties behavior to infection with Tilletia caries (D.C.) Tul.*, Scientific Papers. Agronomy series, 59(1):57-62 ISSN 1454-7414.
7. IACOB Cătălina-Ioana, BĂLĂU Andreea-Mihaela, LIPȘA F.D., ULEA E., 2016 - *The influence of PDA, CMA, TA and V8 culture media on the development of Phytophthora infestans De Bary. and Phytophthora parasitica Dast.*, Scientific Papers. Agronomy series, 59(1):63-68 ISSN 1454-7414
8. LIPȘA F.D., BĂLĂU Mihaela Andreea, ULEA E., 2015 - *Diversity of microbial communities in the phyllosphere of ornamental plants*, Scientific Papers. Agronomy series, 58(1):97-100, ISSN 1454-7414.
9. CHIRIAC Irina Paraschiva, LIPȘA F.D., ULEA E., 2015 - *Comparative study regarding in vitro infections with Erwinia amylovora and Pseudomonas syringae pv. syringae on Pomaceae species*, Cercetări agronomice în Moldova, 48(1):97-106, ISSN 0379-5837
10. LIPȘA F.D., Mihaela Andreea BĂLĂU, ULEA E., 2014 - *Microbiological research on some yeasts isolated from the Moldavia vine-growing region, Romania*, Scientific Papers. Agronomy series, 57(1):137-140, ISSN 1454-7414.
11. LIPȘA F.D., Mihaela Andreea BĂLĂU, ULEA E., 2014 - *Occurance of airborne fungal spores with potential allergogen effect in urban and rural educational institutions from Iași county, Romania*, Scientific Papers. Agronomy series, 57(1):141-144, ISSN 1454-7414.
12. RADU C.D., SALARIU M., AVADANEI M., GHICIUC C., FOIA L., LUPUSORU E.C., FERRI A., ULEA E., LIPȘA F.D., 2013 - *Cotton-made cellulose support for anti-allergic pajamas*, Carbohydrate Polymers 195(1):479-486, doi:10.1016/j.carbpol.2013.03.037, ISSN: 0144-8617.
13. LIPȘA F.D., ULEA E., MORARI Evelina Cristina, GALEȘ D., ARSENE I.C., 2012 - *Effect of Lignohumate (humic fertilizer) on soil microorganisms*, Scientific Papers. Agronomy series, 55(2):253-256, ISSN 1454-7414.
14. ULEA E., LIPȘA F.D., MORARI Evelina Cristina, GALEȘ D., CHIRIAC Irina Paraschiva, 2012 - *Influence of Aquasorb and different soil tillage systems on soil microbial populations in fields cultivated with soybean (Glycine max Merr.)*, USAMV Iași, Lucrări științifice. Seria Agronomie, 55(2):241-244, ISSN 1454-7414.
15. IRIMIA Nicoleta, ULEA E., LIPȘA F.D., 2012 - *Detection of Flavescence Dorée Phytoplasma in ampelographic collection at Iași, Romania*, Indian Journal of Horticulture, 69(3): 446-449, ISSN: 0972-8538.
16. LIPȘA F.D., SNOWDON R., FRIEDT W., 2012 - *Quantitative genetic analysis of condensed tannins in oilseed rape meal*, Euphytica 184(2):195-205, doi:10.1007/s10681-011-0546-3, ISSN: 0014-2336.

Awarded articles

1. PN-II-RU-PRECISI-2013-7-2038

LIPȘA F.D., SNOWDON R., FRIEDT W., 2012 - Quantitative genetic analysis of condensed tannins in oilseed rape meal, *Euphytica* 184(2):195-205, doi:10.1007/s10681-011-0546-3, ISSN: 0014-2336.

2. PN-II-RU-PRECISI-2013-7-4221

RADU C.D., SALARIU M., AVADANEI M., GHICIUC C., FOIA L., LUPUSORU E.C., FERRI A., ULEA E., LIPȘA F.D., 2013 - Cotton-made cellulose support for anti-allergic pajamas. Carbohydrate Polymers 195(1):479-486, doi:10.1016/j.carbpol.2013.03.037, ISSN: 0144-8617

Honours and awards

2018 - The "Professor Bologna" award offered by ANOSR (National Alliance of Student Organizations in Romania)

Citations

74 in ISI Web of Science journals. ISI h-index: 4.

A total of 184 citations according to Google Scholar. h- index: 6.

Research and development projects

Director of 6 research-development grants and **member** of the research team of other 25 international/national projects.

The latest research projects (selective, since 2013):

NATIONAL

1. Studies regarding the influence of soil properties and microbial communities on agricultural productivity growth (2017-2018). Project financed by private company. Project manager.
2. Assessing diversity and establishing the seasonal dynamics of yeasts from different soil types present in eastern Romania (2013-2015). Project manager.
3. Optimizing the practical activities by developing the material base at the Didactic Station of USAMV Iasi (2017). Project manager
4. Use of designed nanomaterials in plant science (2018-2020) - PN III TE 41/2018. Researcher.
5. Agriculture for tomorrow - Ensuring the sustainability of the environment by increasing the competitiveness of organic farming - PN-III-P1-1.2-PCCDI-2017-0850 (2018-2020). Researcher.
6. Vegetable overlay suitable for improving agroecosystem conditions in intensive apple orchards - Plant Cover. Cod proiect PN-III-P2-2.1-BG-2016-0374 (2016-2019). Researcher.
7. Elaboration of environment-friendly practices by exploiting the potential of biopesticide and biofertilization of medicinal plants - PN-III-P2-2.1-CI-2017-0123 (2017). Researcher.

INTERNATIONAL

1. From theoretical-oriented to practical education in agrarian studies (acronym TOPAS) - 585603-EPP-1-2017-1-DE-EPPKA2-CBHE-JP: 2017-2020. Project manager
2. *Lupinus mutabilis* for increased biomass from marginal lands and value for BIOrefineries — LIBBIO. Project Horizon 2020 (2016-2020). Researcher.
3. From hemp seeds to bast ribbons. ZHAW Switzerland. Contract 1.2.5- 07VL, nr. 5062/2012: 2012-2014.

Memberships

Member of professional associations:

- International Union of Soil Sciences (IUSS)
- European Confederation of Soil Science Societies
- Romanian Mycological Society
- Romanian Association of Food Industry Specialists
- Romanian Horticultural Society
- Romanian National Society for Soil Science
- Romanian Society for Agricultural History and Retrology.

