



Florin-Daniel LIPȘA

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WORK EXPERIENCE

04/2016 – CURRENT Iasi, Romania

VICE-DEAN OF THE FACULTY OF AGRICULTURE, IULS IAȘI "ION IONESCU DE LA BRAD" IASI UNIVERSITY OF LIFE SCIENCES (FORMER UASVM IASI)

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

09/2018 – CURRENT Iasi, Romania

ASSOCIATE PROFESSOR, DEPT. OF FOOD TECHNOLOGIES, FACULTY OF AGRICULTURE, IULS "ION IONESCU DE LA BRAD" IASI UNIVERSITY OF LIFE SCIENCES (FORMER UASVM IASI)

Teaching and research on issues related to the Microbiology.

10/2012 – 08/2018 Iasi, Romania

LECTURER, DEPARTMENT OF PLANT SCIENCES, FACULTY OF AGRICULTURE, UASVM IAȘI "ION IONESCU DE LA BRAD" UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE (UASVM)

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

02/2003 – 12/2004 Iasi, Romania

ASSOCIATE INSTRUCTOR, DEPT. OF PLANT SCIENCES, FACULTY OF AGRICULTURE, UASVM IAȘI "ION IONESCU DE LA BRAD" UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE (UASVM)

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

01/2005 – 09/2012 Iasi, Romania

TEACHING ASSISTANT, DEPT. OF PLANT SCIENCES, FACULTY OF AGRICULTURE, UASVM IAȘI "ION IONESCU DE LA BRAD" UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE (UASVM)

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

● EDUCATION AND TRAINING

29/12/2022

HABILITATION DEGREE (DOMAIN AGRONOMY, FIELD MICROBIOLOGY). HABILITATION THESIS: MICROBES AND THEIR ROLE IN LIFE SCIENCES "Ion Ionescu de la Brad" Iasi University of Life Sciences

01/10/2020 – 15/07/2022

MASTER DEGREE IN FOOD INDUSTRY Ștefan cel Mare University of Suceava

09/04/2021 – 15/07/2021

GRADUATION CERTIFICATE FOR THE POSTGRADUATE EDUCATION PROGRAM: ENTREPRENEURIAL EDUCATION –THEORETICAL AND PRACTICAL INNOVATIVE APPROACHES "Ion Ionescu de la Brad" Iasi University of Life Sciences

04/2011 – 04/2013

POST - DOCTORAL DEGREE IN AGRONOMY Ion Ionescu de la Brad University of Agricultural Sciences and Veterinary Medicine (UASVM) Iași, Ro

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.

12/2003 – 09/2007

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, Ro

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

● LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
GERMAN	C2	C2	C2	C2	C1
ENGLISH	C1	C2	C1	C1	C1

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

● ADDITIONAL INFORMATION

PUBLICATIONS

Publications

Author of 9 books/book chapters, 21 articles in ISI journals and 96 articles in other peer-reviewed journal indexed by CABI database.

Technical books/Manuals (selective, since 2011)

1. LIPȘA F.D., ULEA E., 2022 - Microbiology, Publishing House Ion Ionescu de la Brad Iași, 284 pag., ISBN: 978-973-147-464-9.
2. 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.
3. 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.
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.

List of publications (selective, since 2016):

1. CIOBANU, M.M.; POSTOLACHE, A.N.; LIPȘA, F.D.; et al., 2022 - Meat Fatty Acid Composition of Wild Boars Hunted in Romania in Relationship to Gender and Age-Class. *Animals*, 12(7), 810. ISSN: 2076-2615. <https://doi.org/10.3390/ani1207081>
2. RADU C.D.; VERESTIUC L.; ULEA E.; LIPSA F.D.; et al, 2021 - Evaluation of Keratin/Bacterial Cellulose Based Scaffolds as Potential Burned Wound Dressing. *Appl. Sci.* 11, 1995, ISSN 2076-3417. <https://doi.org/10.3390/app11051995>
3. LIPȘA F.D., URSU Laura, URSU C., ULEA E., CAZACU Ana, 2020 - Evaluation of the Antifungal Activity of Gold-Chitosan and Carbon Nanoparticles on *Fusarium oxysporum*. *Agronomy*, 10, 1143-1153, ISSN 2073-4395. DOI: 10.3390/agronomy10081143
4. MĂCĂREL V.C., RADU C.D., VERESTIUC LILIANA, IVAN F.D., ULEA E., LIPȘA F.D., et al., 2019 - Researches Concerning Chemical Modifications of Hair Keratin, *Revista de Chimie* 70(6):2091-2095, ISSN: 2537-5733.
5. 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.
6. LIPȘA F.D., ULEA E., CHIRIAC IRINA, 2016 - Monitoring of fungal aerosols in some educational buildings from Iași, Romania, *Environmental Engineering and Management Journal* 15(4):801-807, ISSN: 1582-9596.
7. TIMOFTE ANDREEA-ALEXANDRA, FLOREA ANDREEA-MIHAELA, LIPSA F.D., ULEA E., 2018 - Essential Oils and Homemade Fungicides against *Fusarium oxysporum* f.sp. *lycopersici* Tomato Patogen, *SCIENTIFIC PAPERS-SERIES B HORTICULTURE*, 62:513-516. ISSN: 2285-5653
8. CARA I.G., LIPȘA F.D, CARA M.S., et al. 2017 - Dissipation of acetochlor and residue analysis in maize and soil under field conditions, *AgroLife Scientific Journal* - 6(1):48-55, ISSN 2285-5718.
9. LIPȘA F.D., GAFENCU A.M., ȚÎMPĂU A., FLOREA A;M., ULEA E., 2020 - Assessment of bacteria and fungi associated with the instant noodles and accompanying seasoning packets. *Lucrări Științifice - Seria Agronomie*, 63(2):69-74, ISSN 1454-7414.

NETWORKS AND MEMBERSHIPS

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.

HONOURS AND AWARDS

Honours and awards 2021 - The "Professor E-tare" award offered by ANOSR (National Alliance of Student Organizations in Romania)

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

ORGANISATIONAL SKILLS

Organisational skills ■ leadership (director or member in different research projects, vice-dean responsible for a team of more than 20 people).

- good organisational skills
- good team-leading skills

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills ■ good communication skills gained through my experience as university lecturer

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

JOB-RELATED 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)

OTHER ATTRIBUTIONS AND ACTIVITIES AT FACULTY AND UNIVERSITY LEVEL

Other attributions and activities at faculty and university level

1. Coordinator IAESTE Romania (The International Association for the Exchange of Students for Technical Experience) on behalf of the University for Life Sciences "Ion Ionescu de la Brad" Iasi (USV Iasi) - since 2008.
2. Responsible for the partnership with Justus Liebig University of Giessen (Germany) - since 2012.
3. Responsible for the ARACIS Commission in the field of Product Engineering, specialization Processing Technology, of agri-food products - since 2015
4. Responsible for the ARACIS Commission in the field of Product Engineering, specialization Expertise on the Supply Chain Food Products - from 2015 to 2020.
5. Responsible for the ARACIS Commission in the field of Biology - period 2017 - 2020.
6. Member of the Council of the Faculty of Agriculture - since 2016.
7. Member of the USV Iasi Senate - since 2016.
8. Member of the Board of the Department of Plant Science, Faculty of Agriculture, USV Iasi - from 2008 to 2016.
9. President of the undergraduate committee, specialization Consumer and Environmental Protection, Faculty of Agriculture, USV. Iasi - since 2020
10. Member of the undergraduate committee, specialization in Agricultural Products Processing Technology, Faculty of Agriculture, USV Iasi - period 2017-2019
11. Member of the undergraduate committee, Biology specialization, Faculty of Agriculture, USAMV Iasi - 2016
12. Secretary of the undergraduate committee, Biology specialization, Faculty of Agriculture, USAMV Iasi - 2011-2015.

SPECIALIZATIONS AND QUALIFICATIONS

Specializations and qualifications

- 01/2022, Justus Liebig University Giessen, Germany, Teaching staff mobility Erasmus +
- 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.

AWARDED ARTICLES

Awarded articles

1. PN-III-P1-1.1-PRECISI-2021-67321

RADU C.D.; VERESTIUC L.; ULEA E.; **LIPSA F.D.**; VULPE V.; MUNTEANU C.; BULGARIU L.; PAȘCA S.; TAMAS C.; CIUNTU B.M.; CIOCAN M.; SÎRBU I.; GAVRILAS E.; MACAREL C.V.; ISTRATE B., 2021 - Evaluation of Keratin/ Bacterial Cellulose Based Scaffolds as Potential Burned Wound Dressing. Appl. Sci. 11, 1995, ISSN 2076-3417. Factor de impact (2019): 2,474. <https://doi.org/10.3390/app11051995-43169>

2. PN-III-P1-1.1-PRECISI-2020-43169

LIPȘA F.D., URSU Laura, URSU C., ULEA E., CAZACU Ana, 2020 - Evaluation of the Antifungal Activity of Gold-Chitosan and Carbon Nanoparticles on *Fusarium oxysporum*. Agronomy, 10, 1143 DOI: 10.3390/agronomy10081143

3. 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.

4. 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

CITATIONS

Citations

169 în ISI Web of Science journals. ISI h-index: 6.

369 citări în Google Scholar. h- index: 9.

RESEARCH AND DEVELOPMENT PROJECTS

Research and development projects

Director of **9** research-development grants and **member** of the research team of other **38** international/ national projects.

The latest research projects (selective, since 2013):

NATIONAL

1. „Romania – Common Agricultural Policy (CAP) - Survey of Family Farms” (08.04-30.07.2021). Project financed by the World Bank (7200142 / 08.04.2021). Project manager.
2. Studies regarding the influence of soil properties and microbial communities on agricultural productivity growth (2017-2018). Project financed by private company. Project manager.
3. Assessing diversity and establishing the seasonal dynamics of yeasts from different soil types present in eastern Romania (2013-2015). Project manager.
4. Optimizing the practical activities by developing the material base at the Didactic Station of USAMV Iasi (2017). Project manager
5. Use of designed nanomaterials in plant science (2018-2020) - PN III TE 41/2018. Researcher.
6. 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.
7. 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.
8. 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.