



UNIUNEA EUROPEANĂ



MINISTERUL MUNCII, FAMILIEI ȘI
EGALITĂȚII DE ȘANSE
AMPOSDRU



FONDUL SOCIAL EUROPEAN
POS DRU
2007-2013



INSTRUMENTE STRUCTURALE
2007-2013



Workplace

Occupation or position held

Activities and responsibilities

Work experience

University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" Iasi

Professor Doctor

Teaching and Research activity

Professor – 2007 to present

Associate professor - 2003-2007

Assistant professor – 1998-2003

Instructor – 1994 - 1998

Occupation or position held

Research Engineer U.S.A.M.V. Iasi – 1991-1994

Agrometeorology Laboratory Engineer, Romanian Waters

Directorate R.A., Iasi branch office – 1989 - 1991

Scientific Researcher, Podu - Iloaiei Agricultural Research Station, Iasi county – 1981 - 1989

2007 – Assistant Professor Certificate within the project EUROPE AID/122298/D/SER/RO – implemented by WYG International, Sapard, measure 4.1

2005 - Certificate of Specialist in Phytosanitary Measures, Regional Phytosanitary Unit Autonomous region of Friuli Venice - Italy

2004 - Certificate of Specialist ERASMUS-SOCRATES Program, Aristotel University Thessaloloniki -Greece

2003 - Certificat of Expert in ECO-RURAL TOURISM, University Kraguevac, Serbia

Education and Training

2002 - Certificate of specialist in Ecology, EUROPEAN COMMISSION - INTAS-TACIS Program, Balti, Moldavian Republic

2002 - Certificate of specialist ARISTOTELES Program, l'École Nationale Supérieure d'Agronomie et des Industries Alimentaires in Nancy-France

2001 - Certificate of specialist Leonardo da Vinci Program, Istituto Tecnico Agrario Statale ITAS Ricasoli – Siena, Italy

2000 - Certificate of specialist – “Agriturism and rural tourism. A



key option for rural integrated and sustainable development, World forum on Agritourism and Rural Tourism - Perugia, Italia
 1996 - Certificate of participation in TEMPUS courses – Phare, Al. I. Cuza University, Iasi
 1992-1998 - PhD in Agronomy, Phytotechnie specialization

Main subjects studied

Phytotechnie, Plant Physiology, Agrotechnics

/ professional skills acquired

PhD supervisor, Agronomy field

Research, technologies and the study of growth and development processes of the agricultural plants

Name and type of educational organization / provider of formation

University of Agricultural Sciences and Veterinary Medicine *Ion Ionescu de la Brad*, Faculty of Agriculture, Department of Plant Science

National or International Classification Level

4, university degree

Personal skills and competences

Native Language

Romanian

Foreign Languages

English

French

Autoevaluation

Comprehension

Speaking

Writing

Listening

Reading

Conversation

Oral speech

Writing

English

B2

B2

B2

B2

B2

French

B2

B2

B2

B2

B1

(*) *Common European Framework of Reference for Foreign Languages*

Social skills and competences

1. The social skills have been acquired and developed within the teaching process through interaction with students.

2. Professional relations with agricultural specialists from the research and agricultural development stations and with professor peers from universities of profile from our country and abroad
 Titular for the subjects of Plant Physiology and Vegetal Physiology; director of national and international grants.

Organisational skills and competences

Technical skills and competences

Technologies for agricultural and horticultural crops; technologies for medicinal plants; physiological processes of crop plants



UNIUNEA EUROPEANĂ



MINISTERUL MUNCII, FAMILIEI ȘI
EGALITĂȚII DE ȘANSE
AMPOSDRU



FONDUL SOCIAL EUROPEAN
POS DRU
2007-2013



INSTRUMENTE STRUCTURALE
2007-2013

Skills and computer use Microsoft Excel, Microsoft PowerPoint, Microsoft Vision, Adobe Acrobat, statistical software.

Additional Information ♦ SPECIALIZATION

- 1983 - Intensive Course in French - Center of training for the agricultural staff – Bucharest
- 1985 – Course for computer use – Training Center Iasi
- 1998 - Courses of the Department of Didactic Staff Training - Al. I. Cuza Iasi

· 2000 – study and documentation activities in plant physiology field - Northwest Missouri State University, Maryville – US

· 2002 - research internship at the Institute of Plant Nutrition of the University *Justus Liebig* Giessen – Germany

♦ Expert evaluator PNCD II - 2007

♦ Expert evaluator CEEEX - 2007

♦ Expert evaluator CNCSIS - 2006

♦ Membre within organizations and scientific societies:

- Romanian Society of Cellular Biology – 2007

- Romanian Agronomists Society – 1994

- Romanian Horticulturists Association – 1999

Universitary Foundation for Supporting the Agricultural Producers (FUSPA) – 1999

- Romanian Society of Mycologists - 2020

♦ Member of the editorial board of the following journals:

- Agronomic Research in Moldova, Iasi – 2006

- Scientific papers - Agronomy Series USAMV, Iasi – 2009

♦ Participation in international scientific conferences: 1993

Melitopol, Ukraine; 1996 - Madrid, Spain; 1997 - Pulawe, Poland;

1998 -Novi Sad, Yugoslavia; 1999 –Kiel - Germany; 2000 - Forth

Worth - Dallas, USA; 2000 - Toulouse, France; 2004 - Iasi,

Romania; 2006 - Iasi, Romania; 2007 - Palermo, Italy; 2008 -

Budapest - Hungary; 2008 - Hersonissos - Crete, Greece; 2008 -

Chisinau, Moldova, 2010 - Clermont-Ferrand, France; 2012 -

Montevideo, Uruguay; 2014 - Jeju-do, South Korea de sud.

♦ **Books and university textbooks – 12**

1. **Jitareanu, Carmenica Doina**, 2002, *Plant Physiology*, Ed. „Ion Ionescu de la Brad”, Iasi, ISBN: 973-8014-88-3, 342 p.

2. **Jitareanu, Carmenica Doina**, 2007, *Plant Physiology*, Ed. „Ion Ionescu de la Brad”, Iasi, ISBN 978-973-7921-89-5, 500 p.

3. **Jitäreanu Carmenica Doina**, Alina Elena Marta, 2018 –*Plant Physiology (Student Study Manual)*, Ed. „Ion Ionescu de la Brad”, Iasi, ISBN 978-973-147-302-4, 416 p.

4. **Jitareanu, Carmenica Doina**, Toma, Liana Doina, Slabu, Cristina, Marta, Alina Elena, 2011, *Practical work on plants' physiology*, Ed. “Ion Ionescu de la Brad”, Iasi, BN 978-973-147-076-4, 190 p.

5. **Jitareanu, Carmenica Doina**, Marta, Alina Elena, Slabu, Cristina,



UNIUNEA EUROPEANĂ



MINISTERUL MUNCII, FAMILIEI ȘI
EGALITĂȚII DE ȘANSE
AMPOSDRU



FONDUL SOCIAL EUROPEAN
POS DRU
2007-2013



INSTRUMENTE STRUCTURALE
2007-2013

2014, *Experimental basis of plant physiology*, Ed. Braila, ISBN 978-973-0-17661-2, 200 p.

6. Jităreanu Carmenica Doina, Alina Elena Marta, 2020, *Practical works of plant physiology (vol. I)*, Ed. "Ion Ionescu de la Brad", Iasi ISBN 978-973-147-356-7, 180 p.

7 Toma, Liana Doina, **Jitareanu, Carmenica Doina**, 2007, *Plant Physiology*, Ed. „Ion Ionescu de la Brad”, Iasi, ISBN: 978-973-147-001-6, 420 p.

8. Toma, Liana Doina, **Jitareanu, Carmenica Doina**, 2000, *Plant Physiology*, Ed. „Ion Ionescu de la Brad”, ISBN: 973-8014- 24-7, 210 p.

9. Toma, Liana-Doina, Milica, C., Robu, T., **Jitareanu, Carmenica Doina**, Slabu Cristina, 1998, *Plant Physiology - ractical works*, The workshop for multiplying the didactic material of the University of Agronomy and Veterinary Medicine Iasi, 140 p.

10. Toma, Liana-Doina, Milica, C., Robu, T., **Jitareanu, Carmenica Doina**, Slabu, Cristina, 1999, *Plant Physiology - laboratory guide*, Ed. „Ion Ionescu de la Brad”, Iasi, 168 p.

11. Rotaru, Liliana, **Jitareanu, Carmenica Doina**, Cotea, V. Valeriu, Slabu, Cristina, Marta, Alina, Mustea, Mihai, Colibaba, Cintia Lucia 2013, *Adapting the vineyard technologies to the climate change context - Handbook for agricultural consultants and farmers*. Ed. "Ion Ionescu de la Brad", Iasi, ISBN: 978-973-147-134-1, 157 p

12. Rotaru Liliana, Cotea V. Valeriu, Slabu Cristina, Marta Alina, Mustea Mihai, Colibaba Cintia Lucia, **Jităreanu Carmenica Doina**, 2014 - *Compendium vin.eco.challenge*, 95 pag.

◆ **Articles and scientific papers - 169** - of which 77 are single or first author, 17 were published in the proceedings of international conferences, 9 occurred in ISI, 65 appeared in peer reviewed journals in BD, 68 were published in volumes of some national scientific ISBN / ISSN, 91 are in foreign languages and 10 others were communicated at various scientific meetings without being published. Seventy-three papers have been cited in the bibliography of other specialized publications, and two others are found in the book "Quality of plant products" by Prof. Dr. Docent Chiril Popescu, 1996, Ed.

◆ **Grants and research contracts – 24**

d₁ International projects

-The analysis of the adapting opportunities of the Romanian vineyards ecosystems t to the new competitive and environmental context / vin.eco.challenge; POS / IEC A2-O2.1.2 653; 2010 - 2012; High-level scientific research projects, with specialist foreign director - **team responsible**

-Network for online academic collaboration in order to develop the ability to provide skills and competitiveness for the labor market "ID



UNIUNEA EUROPEANĂ



MINISTERUL MUNCII, FAMILIEI ȘI
EGALITĂȚII DE ȘANSE
AMPOSDRU



FONDUL SOCIAL EUROPEAN
POS DRU
2007-2013



INSTRUMENTE STRUCTURALE
2007-2013

HRD / 86 / 1.2 / S / 62 723, 2010-2012 - **project manager**

-Non-agricultural activities in the metropolitan area of Iasi " POS / DRU 93437; 2009-2010 - **team responsible**

-Integrated project for supporting the entrepreneurship development in the north-east region; POS / DRU 10106; 2008-2010 - **team member**

- Enterprises providing services – the protagonists of territorial development; POS / HRD 18.501; 2008-2010 – **team member**

- Quality assurance and development of an early warning system for microbial contaminations for the European fruit juice industry; FP-6 COOL-CT-2005 – 012461; 2005 – 2008 - **team member**

d₂ Type SCOPES, Leonardo, border, Bilateral, etc

-Effect of sewage sludge application on quality indices of soil vulnerable to degradation; Romania- Greece bilateral project, C 18873; 2006 - 2007 - **team member**

NATIONAL PROJECTS

a. CNCSIS Grants

-Exploitation of the medicinal and aromatic plants in naturalistic cosmetics and perfumery; NURC 33620/2002; 2001-2003 - **project manager**

-The effect of climate fluctuations on physiological, biochemical processes, and on some cytological aspects involved in biosynthesis and the quality of sunflower oil in the Moldavian Plain; NURC 163/2006; 2005-2007 - **project manager**

-Monitoring the food chain soil-plant-animal with implications for the agro - zootechnical production quality and human health; NURC 62/2006; 2006-2008 - **team member**

b. CNCSU Grants

-The contribution of some ecophysiological and technological factors to the formation of seed, fat and protein production on sunflower and chickpeas; CNCSU no. 125; 2000 - 2002 **team member**

-The study of ecophysiological reaction to the pedoclimatic stress factors, to the pathogens attack and to pollution on some crops, in the conditions from Moldova; CNCSU no. 33620; 2000 - 2002 - **team member**

-Research on ecophysiological and technological bases of production of wheat and spring triticale; CNCSU No. 134; 1996-1997 - **team member**

b. National Projects/Programs (PNCDI, CEEX etc)

-The screening of salinity tolerance of some local populations of vegetables in order to preserve the genetic potential and biodiversity (S STRESS); PN II 97/2012; 2012-2016; *Partner I* - **scientific responsible**

-The substantiation of food safety in an environmentally friendly production of fresh vegetables by studying the main risk factors, for a sustainable production (SIECOLEG); PNCDI 51-141; 2008-2011 -



UNIUNEA EUROPEANĂ



MINISTERUL MUNCII, FAMILIEI ȘI
EGALITĂȚII DE ȘANSE
AMPOSDRU



FONDUL SOCIAL EUROPEAN
POS DRU
2007-2013



INSTRUMENTE STRUCTURALE
2007-2013

team member

-Soil and water resources management in excessive drought agroecosystems in order to preserve biodiversity; PNCDI 51-017; 2007-2009 - **team member**

-Devices using combustion chambers for mist generation for plant protection against unfavorable environmental factors; PNCDI 51-043; 2007-2010 - **team member**

-Aerosol generator for plant protection against pests and diseases, designed and built on the basis of technologies used in the aviation industry; PNCDI 51-063; 2007-2010 - **team member**

-Preparation, physico-chemical and biological characterization of some vegetal steroidal glycoside biopreparations (Glicobioact) CEEEX 49-2005; 2005-2008 - **team member**

-The use of morphological, structural, ultrastructural and biochemical biomarkers for the assessment of human impact on biodiversity from Ceahlau National Park and its surrounding area (UBP-MENER) 640-2005 CEEEX; 2005 - 2008 - **team member**

-The assessment of the current stage and of the development potential of organic vegetables production in the north-eastern Romania (PRODLECO); CEEEX 31/2006; 2006-2008 - **team member**

-The improvement, the preservation and the capitalization of degraded soil by anthropogenic intervention in the agro - ecosystems of the hilly areas, for increasing the quality of life and environmental protection (Amcosol); CEEEX 44-2005; 2005-2008 - **team member**

-Products and technologies for promoting a sustainable agriculture system and for protecting the agro-ecological resource from Moldavian Plateau (Moldoproteh); CEEEX 152-2006; 2006-2008 - **team member**

c. Contracts – economical agents

-Professional training for developing skills in crop production and livestock farming; SAPARD M-4.1 / 2000-2006; 2007 - **project manager**

Professor Dr. Carmenica Doina JITAREANU