

Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Florentina Israel-Roming**
Address 77, Hagi Ghita Street, Bucharest (Romania)
Telephone(s) +40 213180468 **Mobile** +40 722384320
Fax(es) +40 213180468
E-mail(s) florentinarom@yahoo.com
Nationality Romanian
Date of birth 10/06/1960
Gender Female

Work experience

Dates	09/2001 →
Occupation or position held	Lecturer professor (2001-2005); assistant professor (2005-present)
Main activities and responsibilities	Teaching (courses and practical classes) and research at disciplines: Enzymology, Secondary metabolites useful in agriculture and Food additives
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Bucharest, Faculty of Biotechnologies 59, Marasti Blvd., Bucharest (Romania)
Type of business or sector	Education and research
Dates	09/2001 →
Occupation or position held	Scientific researcher CS III
Main activities and responsibilities	Head of Applied Biochemistry Department, research in method development, isolation and characterization of biochemical compounds, training activity
Name and address of employer	Centre of Applied Biochemistry and Biotechnology BIOTEHNOL , 59, Marasti Blvd., Bucharest (Romania)
Type of business or sector	Research and training
Dates	01/1997 - 08/2001
Occupation or position held	Scientific researcher CS III
Main activities and responsibilities	Research in enzymology, plant secondary metabolites and food and feed additives
Name and address of employer	National Institute for Research and Development in Biotechnology, Biochemistry Department 16, Lucretiu Patrascanu Street, Bucharest (Romania)
Type of business or sector	Research
Dates	09/1991 - 12/1996
Occupation or position held	Scientific researcher CS III (1994-1996), Scientific researcher CS (1992-1994)
Main activities and responsibilities	Research in enzymology, plant biochemistry
Name and address of employer	SC Biotehnos SA 18, Dumbrava Rosie Street, Bucharest (Romania)
Type of business or sector	Research

Dates 10/1990 - 08/1991
 Occupation or position held Assistant researcher
 Main activities and responsibilities Research in food products, plant biochemistry
 Name and address of employer Institute for Food Chemistry, Milling and Baking Department
 6, Dinu Vintila Street, Bucharest (Romania)
 Type of business or sector Research

Dates 04/1984 - 09/1990
 Occupation or position held Engineer
 Main activities and responsibilities Engineer in food chemistry and technology
 Name and address of employer Milling and Baking Enterprise, Production Department
 143, Plevnei Street, Bucharest (Romania)
 Type of business or sector Food Production

Education and training

Dates 12/2009
 Title of qualification awarded Certificate
 Principal subjects / occupational skills covered Allergens detection in food and feed
 Name and type of organisation providing education and training R-Biopharm AG (research and production)
 Darmstadt (Germany)

Dates 09/2008 - 10/2008
 Title of qualification awarded Certificate
 Principal subjects / occupational skills covered Detection techniques for mycotoxins and toxigenic fungi in the food chain
 Name and type of organisation providing education and training Institute of Sciences of Food Production ISPA-CNR (research)
 Bari (Italy)

Dates 04/2008
 Title of qualification awarded Certificate
 Principal subjects / occupational skills covered Use of reference materials and the estimation of measurement uncertainty
 Name and type of organisation providing education and training Joint Research Centre (research)
 Geel (Belgium)

Dates 05/2005
 Title of qualification awarded Certificate
 Principal subjects / occupational skills covered Developing formators competences in communications techniques in biotechnologies field
 Name and type of organisation providing education and training Ghent University, Faculty of Biosciences (education and research)
 Ghent (Belgium)

Dates 11/2003
 Title of qualification awarded Certificate
 Principal subjects / occupational skills covered Methods of self-evaluation and evaluation for accreditation of laboratories according to SR EN
 ISO/CEI 17025:2001
 Name and type of organisation providing education and training RENAR SA (certifying authority)
 Bucharest (Romania)

Dates 04/2003 - 06/2003
 Title of qualification awarded certificate

Principal subjects / occupational skills covered HPLC technique / sample preparation

Name and type of organisation providing education and training University of Medicine and Pharmacy (education and research)
Cluj-Napoca (Romania)

Dates 11/2001 - 12/2005

Title of qualification awarded Ph.D. in Horticulture

Principal subjects / occupational skills covered Dissertation: "Biodegradation of Lignocellulosic Wastes by Simultaneous Saccharification and Fermentation"

Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine (education and research)
Bucharest (Romania)

Dates 10/1979 - 03/1984

Title of qualification awarded BSc Degree

Principal subjects / occupational skills covered Food Chemistry and Technology

Name and type of organisation providing education and training University "Dunarea de Jos" (education and research)
Galati (Romania)

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment
European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	A2	Basic User

(*) *Common European Framework of Reference (CEF) level*

Social skills and competences Good communication skills gained through my teaching experience, training courses and conferences participation

Organisational skills and competences Sense of organisation

Technical skills and competences Technical skills acquired through training and laboratory work

Computer skills and competences Good command of Microsoft Office tools (Word, Excel, PowerPoint)

Driving licence(s) B

I hereby certify that the above statements are true.

October 2011

Florentina Israel-Roming



Scientific work

Israel-Roming Florentina

A. PhD Dissertation:

Israel-Roming Florentina (2005): "Biodegradation of Lignocellulosic Wastes by Simultaneous Saccharification and Fermentation"; USAMV Bucharest, Romania.

B. Books

B4. Stefana Jurcoane, **Israel-Roming Florentina** si colab., (2006) *Tratat de Biotehnologie II*, Editura Tehnica, Cap.12 Conversia materialelor lignocelulozice prin hidroliza enzimatica si fermentatie, p. 503-539

C1. Scientific papers / ISI indexed

1. Dinu Diana, Bodea Gabriela, Ceapa Corina, Munteanu Cristina, **Israel-Roming Florentina**, Serban Andeea, Hernemean Anca, Costache Marieta, Otilia Zarnescu, Dinischiotu Anca (2011), Adapted response of antioxidant defense system to oxidative stress induced by deoxynivalenol in Hek-293 cells, *Toxicon*, xxx, p. 1-10 (impact factor = 2.882)
2. **Israel Roming Florentina**, Avram Mihaela (2010): Deoxynivalenol stability during wheat processing. *Roumanian Biotechnological Letters*, vol. 14, nr. 2, p. 4349 – 4359 (impact factor =0.152)
3. Dragomir G. Oana., Munteanu Mihaela Cristina, Dinu Diana, Bodea L., Serban Capatina A.I., **Israel Roming Florentina**, Costache Marieta, Dinischiotu Anca (2009): Influence of deoxynivalenol on the oxidative status of HepG2 cells, *Roumanian Biotechnological Letters*, vol. 15, nr. 3, p. 47-50 (impact factor =0.152)
4. Guta Rodica, Putina Gabriela, Ilie Corina, Cristecu C., Caproiu T.M., Ganea E., **Israel-Roming Florentina**, Noi derivati de benzimidazol (hidroxamati) posibili inhibitori de matrix metal-proteinase (2009) *Revista Romana de Chimie*, vol. 2009, nr. 11, 1146-1149, 2009 (impact factor = 0.552)
5. Diguta Camelia, Jurcoane Stefana, **Israel-Roming Florentina**, Brule Mathieu., Mukengele Mike, Lemmer Andreas, Oechsner Hans (2007) Studies concerning enzymatic hydrolysis of energy crop, *Roumanian Biotechnological Letters*, 12 (2), p. 3911-3916

C2. Scientific papers / BDI + B⁺ indexed

1. Vintiloiu A., Brulé M., Lemmer A., Oechsner H., Jungbluth T., Jurcoane Ș., **Israel-Roming F.**, Influence of temperature and pH on enzyme activity in the biogas process, *Landtechnik* 64, no. 1, p. 22 – 24, 2009
2. Gherghina Evelina, Luta Gabriela, **Israel-Roming Florentina**, Balan Daniela (2007) Use of biotechnology in new phitohormonal treatments for plants with edible tuberous roots. *Lucrari stiintifice U.S.A.M.V. Bucuresti – Biotehnologii*, seria F, vol XII, ISSN 1224-7774, p. 13-21
3. Simion Vasilica, Campeanu Gheorghe, Negoita Mariana, Ghidurus Mihaela, **Israel-Roming Florentina**, Alecu Eugenia, Pistolis L. (2007) Testing the processing ability of some tomatoe varieties and the effect on the product quality. *Lucrari Stiintifice, U.S.A.M.V.B., Seria F*, vol.XII, p.77 – 88

4. Cornea Petruta Calina, Dragos S., Rosu Ana, Guidea Silvana, **Israel-Roming Florentina (2006)**: Peroxidase production in *Armoracia* sp. transformed hairy roots, Roumanian Biotechnological Letters, 11 (2), 2619-2625
5. Atanasiu Nicolae, Cristea N., **Israel-Roming Florentina**, Gherghina Evelina, Neata Gabriela (2006): Research and results regarding some possibilities of producing very big pumpkin fruits in Romania. *Lucrari Stiintifice - Horticultura, U.S.A.M.V.B, seria B, Vol. XLIX*
6. **Israel-Roming Florentina**, Campeanu G., Zamfir E., Improving the susceptibility of lignocellulosic materials to enzymatic hydrolysis by alkalino-peroxidic pretreatment, *Roumanian Biotechnological Letters*, **10 (6)**, 2435-2441, 2005
7. **Israel-Roming Florentina**, Avram M., Gagi V., Campeanu G., Determination of mycotoxine deoxynivalenol in wheat flour and wheat bran, *Revue de Cytologie et Biologie végétales-Le Botaniste*, 28 (s.i.), 64-70, 2005;

C3. Scientific papers / CNCS

1. Bălan Daniela, **Israel-Roming Florentina**, Luță Gabriela, Gherghina Evelina (2009): Assesment of oxidases activities in different parts of cereals. *Lucrări Stiintifice U.S.A.M.V.B., seria B – LIII*, pp. 703-707
2. Niculita Petru, **Israel-Roming Florentina**, Danaila-Guidea Silvana, Gherghina Evelina, Luță Gabriela, Simion Vasilica, Livadariu Oana, Patroi A. (2008): The influence of modulated magnetic field at audio frequency over some biochemical results in pepper (opal variety) and tomatoes (dacia variety) seeds and plantlets, *U.S.A.M.V.B., Seria F, special volume*, pp. 95-100

C4. Scientific papers presented in internatinal and national conferences

1. **Israel-Roming Florentina**, Rotaru Simona, Luta Gabriela, Gherghina Evelina, Balan Daniela (2010): Contaminarea cu ochratoxina A la porumb, dupa recoltare si pe perioada depozitarii. *Buletinul Societatii Romane de Biologie Celulara*, vol. 38, pg. 61, ISSN: 1584-5532 (a XXVIII sesiune stiintifica a SRBC, Constanta 9-12 iunie 2010)
2. **Israel-Roming Florentina**, Ionelia Tăranu, Daniela Marin, Evelina Gherghina, Daniela Bălan (2010) : Is Deoxynivalenol absorbed at intestinal level? *Volumul celui de-al 3-lea Simpozion International „New Research in Biotechnology”*, U.S.A.M.V.B., Seria F, pp. 21, ISSN 1224-7774
3. Gherghina Evelina, Gabriela Luță, **Israel-Roming Florentina**, Bălan Daniela (2010): Biotechnologic studies regarding the metabolic action of some phytohormones with inhibition effect over the plant development. *Volumul celui de-al 3-lea Simpozion International „New Research in Biotechnology”*, U.S.A.M.V.B., Seria F, pp. 38-44, ISSN 1224-7774
4. Evelina Gherghina, Luță Gabriela, **Israel – Roming Florentina**, Bălan Daniela (2009): The hydromineral treatment for plants for achieving nutritional quality and higher production. *Proceedings of the 2nd International Symposium on „New Research in Biotechnology”*, U.S.A.M.V.B., Seria F, special volume, pp. 60-69.
5. Luță Gabriela, Evelina Gherghina, **Israel-Roming Florentina**, Daniela Bălan, George Mușat (2009): Influence of hydric stress on some valuable biocompounds in cereals grains. *Proceedings of the 2nd International Symposium on „New Research in Biotechnology”*, U.S.A.M.V.B., Seria F, special volume, pp. 96-102.
6. **Israel-Roming Florentina**, Boicu Simona, Luță Gabriela, Bălan Daniela, Gherghina Evelina, Deciu Georgiana, Simion Vasilica (2009): Evidence of natural occurance of mycotoxins in corn cultivated in Romania. *Proceedings of the 2nd International Symposium on „New Research in Biotechnology”*, U.S.A.M.V.B., Seria F, special volume, pp. 385-390.

7. Bălan Daniela, **Israel – Roming Florentina**, Luță Gabriela, Gherghina Evelina (2009): Researches concerning inhibition of activity of some matrix metalloproteases. Proceedings of the 2nd International Symposium on „New Research in Biotechnology”, U.S.A.M.V.B., Seria F, special volume, pp. 297-303.
8. Gherghina Evelina, Luta Gabriela, **Israel-Roming Florentina**, Balan Daniela (2008): The use of biotechnology in new phytohormonal treatments for plants with the aim of achieving nutritional quality and a superior production. Proceedings of the International Symposium on New Researches in Biotechnology” Bucharest, ISSN 1224-7774, p. 95-101
9. Tapai Mihaela, Campeanu Gheoghe, Balan Daniela, **Israel-Roming Florentina** (2006): Kinetic characterization of an enzymatic preparate with amylolytic activity. Proceedings ESNA XXXVI Annual Meeting Iasi, ISBN (10) 973-7921-81-x, ISBN(13) 978-973-7921-81-9, p. 145-150
10. Tapai Mihaela, Campeanu Gheorghe, **Israel-Roming Florentina**, Balan Daniela (2006): Obtaining of a preparate containing fungal α -amylase using some agro-food by-products. Proceedings-ESNA XXXVI Annual Meeting Iasi, ISBN (10) 973-7921-81-x, ISBN(13) 978-973-7921-81-9, p. 151-156

C. Patents

1. Jurcoane Stefana, Diguta Camelia, Matei Florentina, Simion Vasilica, Tcacenco Luminita, Manoliu Alexandru, **Israel-Roming Florentina**, 200900004/06.01.2009 „Process for obtaining a hidrolitic enzyme complex with a Trichoderma reseei strain”

I hereby certify that the above statements are true.

October 2011

Florentina Israel-Roming

