

## INFORMAȚII PERSONALE

## Florentina Israel-Roming

 Sector 1, Bucuresti (România)

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## EXPERIENȚA PROFESIONALĂ

01/03/2016–Prezent

**Profesor abilitat**

USAMV, Facultatea de Biotehnologii, Bucuresti (România)

- Activitati didactice si de cercetare in cadrul Departamentului Biotehnologii

01/03/2014–01/03/2016

**Conferentiar**

USAMV, Facultatea de Biotehnologii, Bucuresti (România)

- Activitati didactice si de cercetare la Departamentul Biotehnologii

01/03/2005–01/03/2014

**Sef lucrari**

USAMV, Facultatea de Biotehnologii, Bucuresti (România)

- Activitati didactice si de cercetare la Catedra Chimie si Departamentul Biotehnologii

01/09/2001–01/03/2005

**Asistent**

USAMV, Facultatea de Biotehnologii, Bucuresti (România)

- Activitati didactice si de cercetare la Catedra Chimie

01/01/1997–01/09/2001

**Sef Laborator Biochimie**

Institutul National de Biotehnologii, Bucuresti (România)

- Activitate de cercetare

01/09/1991–01/01/1997

**CS, CS III**

SC Biotehnos SA, Bucuresti (România)

- Activitate de cercetare

01/10/1990–01/09/1991

**Asistent cercetare**

Institutul de Chimie Alimentara, Bucuresti (România)

- Activitate de cercetare

01/04/1984–01/10/1990

**Inginer**

Intreprinderea de Morarit si Panificatie, Bucuresti (România)

- Coordonare activitate productie

## EDUCAȚIE ȘI FORMARE

15/11/2001–21/12/2005

**Doctor in Horticultura**

USAMV, Bucuresti (România)

Biochimie, Microbiologie, Biotehnologie

01/10/1979–01/03/1984

**Diploma de Inginer chimie alimentara**

Universitatea "Dunarea de Jos", Facultatea TCPATP, Galati (România)

- Chimie, Biochimie, Matematica, Fizica, Nutritie, Tehnologia produselor alimentare

15/09/1979–15/06/1984

**Diploma Bacalaureat**

Liceul de Matematica - Fizica nr. 1 "Ovidius", Constanta (România)

- Matematica, Fizica, Chimie, Limba romana

**COMPETENȚE PERSONALE**

Limba(i) maternă(e)

română

Alte limbi străine cunoscute

	ÎNȚELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
engleză	C2	C2	C1	C2	C1
franceză	B2	B1	A2	A2	A2

Niveluri: A1 și A2: Utilizator elementar - B1 și B2: Utilizator independent - C1 și C2: Utilizator experimentat  
 Cadrele europene comune de referință pentru limbă străină

Competențe de comunicare

- Spirit de echipă, capacitate de adaptare la diferite medii

Competențe organizaționale/manageriale

Bun spirit organizatoric.

Abilitati de coordonarea a grupelor de studenti in activitatea practica și de învățare.

Capacități de îndrumare a studenților în dezvoltarea abilităților de lucru în activitatea de laborator;

Capacitatea de a coordona stiintific proiecte de cercetare;

Capacitatea de a coordona activitatea colectivului (departament)

Competențe dobândite la locul de muncă

Bună cunoaștere a proceselor de control, a proceselor tehnice si experimentale de laborator.

Capacitate de a valorifica rezultatele obtinute prin rapoarte, articole, prezentare de postere sau articole in plen.

Competență digitală

AUTOEVALUARE				
Procesarea informației	Comunicare	Creare de conținut	Securitate	Rezolvarea de probleme
Utilizator experimentat	Utilizator experimentat	Utilizator experimentat	Utilizator independent	Utilizator independent

Competențele digitale-Griăde auto-evaluare

Februarie 2019



**Anexa 1 - Lista publicatii/Publications' list****A. Teză doctorat:**

**Israel-Roming Florentina** (2005): Valorificarea unor subproduse și deseuri agricole de natură lignocelulozică prin zaharificare și fermentare simultană; Doctor in Horticultura, USAMV Bucuresti, Romania.

**B. Cărți / Capitole in carti**

1. **Israel-Roming Florentina** (2016), Aditivi alimentari, Editura Ars Docendi, 200 pagini ISBN 978-973-558-897-7
2. **Israel-Roming Florentina** (2014), Enzimologie. Notiuni fundamentale. Partea I, Editura Ars Docendi, 160 pagini ISBN 978-973-558-741-3
3. Galca Aneta, Gheorghe Campeanu, Neata Gabriela, **Israel-Roming Florentina**, Iliescu Horia, Savulescu Raluca, Branzoi Constantin (2010), Statistici privind produsele de protectie a plantelor plasate pe piata in Romania, Irecson, Bucuresti, ISBN 978-973-7694-76-8, 141 pagini,
4. Jurcoane Stefana, Cornea Petruta, Rosu Ana, **Israel-Roming Florentina**, Tamba Radiana, Luchian Viorica, Stoica Ileana, Sasarman Elena, Vintila Theodor, Burcea Mirela, Smarandache Diana, Popa Ciprian, Vassu Tatiana, Lazar Veronica, Dragomirescu Monica, Dinu Laura, Blotescu Carmrn (2006) Tratat de Biotehnologie II, Editura Tehnica, 762 pagini, ISBN 973-31-2279-3
5. Segal Cristina, Badea Mariana, **Israel-Roming Florentina**, Visu Petre, Apostol Tiberiu, Manole Emilia, (2008) Cercetari in vederea stabilirii gradului de toxicitate al unor poluenti din apele reziduale folosind metoda QSAR, Editura ECAS TRADE, Bucuresti, 174 pagini, ISBN-13: 978-973-13-2
6. Gagi Valeria, **Israel-Roming Florentina**, Avram Mihaela, Iorga Enuta, Belc Nastasia, Gheorghe Campeanu, Metoda alternativa de determinare a micotoxinei deoxinivalenol cu risc crescut pentru siguranta alimentara, Printech, Bucuresti, ISBN 973-718-334-7, 22 pg., 2005
7. Jurcoane Stefana, **Israel-Roming Florentina** (2003) Biotehnologia enzimelor si proteinelor. Lucrari practice, AMC USAMV Bucuresti, 77 pagini

**C. Articole științifice / Scientific articles****\* ISI**

1. Elena Uțoiu, Florentina Matei, Agnes Toma, Camelia Diguță, Laura Ștefan, Sorin Mănoiu, Virgil Vrăjmașu, Ionuț Moraru, Anca Oancea, **Florentina Israel-Roming**, Călina Cornea, Diana Constantinescu-Aruxandei, Angela Moraru, Florin Oancea (2018), Bee collected pollen with enhanced health benefits, produced by fermentation with a Kombucha consortium, *Nutrients*, vol. 10 (10), 1365 (factor impact = 4.74)
2. Valeria Gagi, **Florentina Israel-Roming**, Diana Pelinescu, Alina Alexandra Dobre, Mirela Elena Cucu, Irina Smeu, Enuta Iorga, Calina Petruta Cornea, Ileana Stoica, Nastasia Belc (2017), Synergistic effects of the biological and chemical preservatives in dough fermentation, *Romanian Biotechnological Letters*, vol. 22 (5), p. 12915-12925 (factor impact = 0.38)
3. Aglaia Burlacu, **Florentina Israel-Roming**, Călina Petruța Cornea, (2017) Fungal strains improvement for xylanase over production through physical and chemical mutagenesis, *AgroLife Scientific Journal*, vol.6, nr. 1, p. 40-47
4. Daniela Elena Marin, Monica Motiu, Gina Cecilia Pistol, Mihail Alexandru Gras, **Florentina Israel-Roming**, Loredana Calin, (2016), Diet contaminated with ochratoxin A at the highest level allowed by EU recommendation disturbs liver metabolism in weaned piglets, *World Mycotoxin Journal* 9 (4), p. 587-596 (factor impact = 2.091)
5. Calina Petruța Cornea, **Florentina Israel Roming**, Oana Alina Siciuia, Catalina Voaideş, Medana Zamfir, Silvia-Simona Grosu-Tudor (2016), Biosurfactant production by *Lactobacillus spp.* strains isolated from

- Romanian traditional fermented food products, Romanian Biotechnological Letters, Vol. 21, No. 2, p. 11312-11320 (factor impact = 0.404)
6. Daniela Bălan, Florentina Israel-Roming, Gabriela Luță, Evelina Gherghina, Changes in the nutrients content of some green vegetables during storage and thermal processing, Romanian Biotechnological Letters (ISI, factor de impact 0.404), vol.21, nr. 5, p. 11857-11865, 2016
  7. Gabriela Popa, Cornea Petruta Cornea, Gabriela Luta, Evelina Gherghina, Florentina Israel-Roming, Corina Bubueanu (2016), Antioxidant and antimicrobial properties of *Laetiporus sulphurous* (Bull.) Murrill, AgroLife Scientific Journal 5 (1), p. 168-173
  8. Carmen Gaidau, Mihaela Niculescu, A Georgiana Vesa, Clara Radulescu, Stefana Jurcoane, Petruta Cornea, **Florentina Israel-Roming**, L Florentina Pascu, (2016), Research on biodegradable wool on sheepskin processing and eco-labeling/Cercetari privind realizarea si eco-etichetarea articolelor din blana ovine biodegradabile, Industria Textila, vol.67 (1), p. 39-45 (factor impact = 0.476)
  9. **Florentina Israel-Roming**, Gabriela Luta, Daniela Balan, Evelina Gherghina, Calina Petruta Cornea, Florentina Matei, Time and Temperature Stability of Collagenase Produced by *Bacillus licheniformis*, Agriculture and Agricultural Science Procedia, p. 579-584, 2015
  10. Gina Cecilia Pistol, Cornelia Braicu, Monica Motiu, Mihail Alexandru Gras, Daniela Eliza Marin, Mariana Stancu, Loredana Calin, **Florentina Israel-Roming**, Ioana Berindan-Neagoe, Ionelia Taranu (2015), Zearalenone Mycotoxin Affects Immune Mediators, MAPK Signalling Molecules, Nuclear Receptors and Genome-Wide Gene Expression in Pig Spleen, PLOS ONE, vol. 10, nr. 5, p. 1-23, (factor impact = 3.534)
  11. Tamara Elena Mihociu, **Florentina Roming Israel**, Nastasia Belc, Elisabeta Botez, (2015), The assessment of micronutrients loss in pasteurized meat products with added vegetable oils, Journal of Food Processing and Technology (ISI, factor impact 2.53), vol 6, nr. 1, doi: 10.4172/2157-7110.1000411
  12. Pistol Gina Cecilia, Gras Mihai, Marin Daniela, **Israel-Roming Florentina**, Stancu M., Taranu Ionelia (2014), Natural feed contaminant zearalenone decreases the expressions of important pro- and anti-inflammatory mediators and mitogen-activated protein kinase/NF- $\kappa$ B signalling molecules in pigs, British Journal of Nutrition, vol. 111(3) p 452-464 (factor impact = 3.342)
  13. Dumitrescu Gabi, Ștef Lavinia, Ștef Ducu Sandu, Drinceanu Dan, Petculescu Ciochină Liliana, Țăranu Ionelia, **Israel Roming Florentina**, Peș Elena, Voia Octavian Sorin (2014), Histological modifications induced by the mycotoxin ZEA in weaned piglets and the counteraction of its toxic effect by the use of pre- and probiotics, Romanian Biotechnological Letters, vol. 19, nr. 1, p. 9715-9726 (factor impact =0,404)
  14. Neacsu Maria Victoria, **Israel Roming Florentina**, Bijelic Aleksandar, Ionita Gabriela (2014), The ozone effects on the chloroplasts extracted from *Rumex patienta* – an EPR investigation, Rev. Roum. Chim., vol.59 nr.8, p. 707-713 (factor impact =0,393)
  15. Alexandra Ghorghiță, Gheorghe Câmpeanu, Mircea, Ioan Popescu, Voicu Boscaiu, Gabriela Neață, Carmen Câmpeanu, **Florentina Israel-Roming**, (2014), Influence of process factors interactions in enzyme catalyzed biodiesel obtainment, Romanian Biotechnological Letters, vol. 19, nr. 5, p. 9075-9084 (factor impact =0,404)
  16. Valeria Gagi, **Florentina Israel-Roming**, Nastasia Belc, Romulus Dima, (2013), Inhibitory activity of *Lactobacillus plantarum* strains and calcium propionate on spoilage fungi, Romanian Biotechnological Letters, vol. 18, nr. 2, p. 8214-8220 (factor impact = 0.363)
  17. Cornea Petruta Calina, **Israel-Roming Florentina**, Ciuca Matilda, Voaides Catalina (2013) Natural occurrence of *Fusarium* species and corresponding chemotypes in wheat scab complex from Romania, Roumanian Biotechnological Letters, Vol. 18, nr. 6, pp. 8787-8795 (factor impact =0,363)
  18. Vasilica Manea, Cristina Sturzoiu, Gheorghe Campeanu, Georgeta Radulescu, **Florentina Israel-Roming**, Angela Casarica, Gheorghe Stoian (2012), Study on alcoholic fermentation of different sweet sorghum extracts by *Zymomonas mobilis* strains, Revista de Chimie, vol. 63, nr. 11, p. 1158-1163 (factor impact = 0.538)
  19. 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 (factor impact = 2.882)

20. Rotaru Simona, **Israel-Roming Florentina**, Campeanu Gheorghe, Deciu Georgiana (2011), Correlation of ochratoxin A level in wine with vine environment, Roumanian Biotechnological Letters, vol. 16, nr. 6, p. 126 –131 (factor impact =0,349)
  21. Matei Radoi F., **Israel-Roming F.**, Cristea S., Smeu I., Radu A. (2011) Quantitative study of Deoxynivalenol and Ochratoxin accumulation in synthetic media Roumanian Biotechnological Letters, vol. 16, nr. 1, p. 33 – 39 (factor impact =0,349)
  22. **Israel Roming Florentina**, Avram Mihaela (2010): Deoxynivalenol stability during wheat processing. Roumanian Biotechnological Letters, vol. 14, nr. 2, p. 4349 – 4359 (factor impact =0,219)
  23. 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 (factor impact =0,152)
  24. Guta Rodica, Putina Gabriela, Ilie Corina, Cristecu C., Caproiu T.M., Ganea E., **Israel-Roming Florentina**, New benzimidazoles derivates (small hydroxamates) possible inhibitors of the matrix metalloproteinase (2009 ) Revista Romana de Chimie, vol. 2009, nr. 11, 1146-1149, 2009 (factor impact = 0,552)
- **BDI**
25. Evelina Gherghina, **Florentina Israel-Roming**, Daniela Bălan, Gabriela Luță, (2017) Effect of exogenous abscisic acid on some quality attributes of sweet potato (*Ipomoea batatas* L.), Scientific Bulletin. Series F. Biotechnologies, vol. 21, p. 41-45
  26. Maria-Mihaela Micuți, Liliana Bădulescu, **Florentina Israel-Roming\*** (2017) A review on the enzymatic indicators for monitoring soil quality, Scientific Bulletin. Series F. Biotechnologies, vol. 21, p. 223-228
  27. Evelina Gherghina, **Florentina Israel-Roming**, Daniela Balan, Gabriela Luta, Vasilica Simion, Marta Zachia, Assessment of some nutrients in bakery products, Scientific Bulletin. Series F. Biotechnologies, vol. XIX, p. 140-144, 2015
  28. **Florentina Israel-Roming**, P Cornea, Evelina Gherghina, G Luță, D Bălan, Bacterial proteolytic enzymes tested on keratin and collagen based material, Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, p. 169-173, 2014
  29. Iulian Grosu, **Florentina Israel-Roming**, Oana-Alina Siciua, Florica Constantinescu, Gabriela Popa, Calina Petruta Cornea, Effect of some bacterial antagonists on growth and mycotoxin production of *Fusarium graminearum* and *F. culmorum* isolates, Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, p. 26-31, 2014
  30. Daniela Bălan, Gabriela Luță, Evelina Gherghina, **Florentina Israel-Roming**, Tamara Mihociu, Method for determination of provitamin A in meat based samples, Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, p. 97-100, 2014
  31. Oana-Alina Siciua, **Florentina Israel-Roming**, Oana Ciobotariu, Adrian Matei, Medana Zamfir, Matilda Ciucă, Călina Petruța Cornea, Antifungal action of lactic acid bacteria isolated from plant materials against mycotoxigenic fungi, Scientific Bulletin. Series F. Biotechnologies, Vol. XVIII, p. 234-240, 2014
  32. Gabriela Luță, **Florentina Israel-Roming**, Daniela Bălan, Evelina Gherghina, *Estimating free radicals scavenging activity of some berries species*, Scientific Bulletin, U.S.A.M.V.B., seria F, (BDI) XVII, pp. 61-64, 2013
  33. Daniela Balan, **Florentina Israel-Roming**, Petruta Calina Cornea, Evelina Gherghina, Gabriela Luta, Florentina Matei, Mihai Curtasu, *Novel fungal collagenase from *Aspergillus oryzae**, Scientific Bulletin, U.S.A.M.V.B., seria F, (BDI) XVII, pp. 160-163, 2013
  34. Neata Gabriela, Campeanu Gh., Galca Aneta, **Israel Florentina**, Basaraba A. (2013), Case study on the use of pesticides in Romania, Analele Universitatii din Craiova, Vol. XVII (LIV), p. 587-592, ISSN 1453-1275
  35. 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

36. **Israel-Roming Florentina**, Avram Mihaela, Gagiu Valeria, Campeanu Gheorghe, (2005) Determination of mycotoxine deoxynivalenol in wheat flour and wheat bran, *Revue de Cytologie et Biologie végétales-Le Botaniste*, **28** (s.i.), p. 64-70, ISSN 0035-1067
37. **Israel-Roming F.**, Campeanu G., Zamfir E., (2005) Improving the susceptibility of lignocellulosic materials to enzymatic hydrolysis by alkalino-peroxidic pretreatment, *Roumanian Biotechnological Letters*, **10 (6)**, p. 2435-2441
38. **Israel-Roming Florentina**, Gherghina Evelina, Luță Gabriela, Bălan Daniela, Alina Popa, Roxana Stefan, Carmen Cimpeanu, Calina Petruta Cornea (2012) Studies concerning biodegradation of tanned leather, *Scientific Bulletin, U.S.A.M.V.B., seria F – XVI*, p. 119-123
39. Luță Gabriela, **Israel-Roming Florentina**, Bălan Daniela, Gherghina Evelina, Gontea Nicolae, Curtasu Mihai (2012) Comparative study of the antioxidants content in some berries fruits, *Scientific Bulletin, U.S.A.M.V.B., seria F – XVI*, p. 86-88
40. Ghiorghita Alexandra, Campeanu Gheorghe, Popescu Mircea, **Israel-Roming Florentina**, Neata Gabriela (2012) Enzymatic bioprocessing of vegetable oils for production of biodiesel, *Scientific Bulletin, U.S.A.M.V.B., seria F – XVI*, p. 113-118
41. Manea Vasilica, Tanase Andrei, Caserica Angela, Albulescu Radu, Radulescu Georgeta, Campeanu Gheorghe, **Israel-Roming Florentina**, Stoian Gheorghe (2010) Study on the chemical composition of the sweet sorghum stalks depleted in carbohydrates with applications in obtaining bioethanol, *Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza", Sectiunea Genetica si Biologie Moleculara, TOM XI*, p. 87-96
42. Vintiloiu A., Brulé M., Lemmer A., Oechsner H., Jungbluth T., Jurcoane Ș. (2009) **Israel-Roming F.**, Influence of temperature and pH on enzyme activity in the biogas process, *Landtechnik* 64, no. 1, p. 22 – 24
43. 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
44. 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*
45. 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
46. 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*
47. Bălan Daniela, **Israel-Roming Florentina**, Luță Gabriela, Gherghina Evelina (2009): Assesment of oxidases activities in different parts of cereals. *Lucrări Stiințifice U.S.A.M.V.B., seria B – LIII, pp. 703-707*
48. 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*

#### **D. Lucrări în volume conferințe/ Proceedings articles**

1. Campeanu Gh., Neata Gabriela, Popescu M., **Israel Florentina**, Teodorescu R. (2013), Analysis of lignocellulosic waste that can be used as biomass in Romania, *Conference Proceedings „Asia-Pacific International Congress on Engineering and Natural Sciences” APICENS, Taipei, Taiwan p. 104-109, ISBN: 978-986-89298-2-1*
2. **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)*

3. **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
4. 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
5. 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 2<sup>nd</sup> International Symposium on „New Research in Biotechnology”, U.S.A.M.V.B., Seria F, special volume, pp. 60-69.
6. 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 2<sup>nd</sup> International Symposium on „New Research in Biotechnology”, U.S.A.M.V.B., Seria F, special volume, pp. 96-102.
7. **Israel-Roming Florentina**, Boicu Simona, Luță Gabriela, Bălan Daniela, Gherghina Evelina, Deciu Georgiana, Simion Vasilica (2009): Evidence of natural occurrence of mycotoxins in corn cultivated in Romania. Proceedings of the 2<sup>nd</sup> International Symposium on „New Research in Biotechnology”, U.S.A.M.V.B., Seria F, special volume, pp. 385-390.
8. Bălan Daniela, **Israel – Roming Florentina**, Luță Gabriela, Gherghina Evelina (2009): Researches concerning inhibition of activity of some matrix metalloproteases. Proceedings of the 2<sup>nd</sup> International Symposium on „New Research in Biotechnology”, U.S.A.M.V.B., Seria F, special volume, pp. 297-303.
9. 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
10. 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
11. Tapai Mihaela, Campeanu Gheorghe, **Israel-Roming Florentina**, Balan Daniela (2006): Obtaining of a preparate containing fungal  $\alpha$ -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

#### E. Brevete; Cereri de brevete/ Patents; Patent applications

1. Jurcoane Stefana, Florentina Radoi, Camelia Diguta, Vasilica Simion, Tcacenco Luminita, Alexandru Manoliu, **Israel-Roming Florentina** ”Procedeu de obtinere a unui complex enzimatic hidrolitic cu o tulpina de *Trichoderma reesei* –cerere de brevet nr. A 200900004 / 06.01.2009
2. Jurcoane Stefana, Carmen Gaidau, **Florentina Israel**, Petruta Cornea, Gabriela Luta, Daniela Balan, Evelina Gherghina, Florentina Matei, Laura Dinu, Vasilica Simion, Procedeu de evaluare a biodegradabilitatii blanurilor naturale, *Cerere de Brevet* nr. A00835/ 13.11.2013 OSIM

Data:  
februarie 2019

