

Indeplinire standarde minimale Abilitare_Matei Florentina_Aprilie 2014

Domeniul INGINERIA RESURSELOR VEGETALE ȘI ANIMALE

| Nr. crt | Domeniul activitatilor | Tipul activitatilor | Categorii | Subcategorii | Indicatori | Punctaj candidat | | |
|---------|---|---|--------------------------------|------------------------------|---|--|---|------------|
| 1 | A1 - Activitate didactica si profesionala | 1.1 Carti si capitole in carti | 1.1.1. Carti/capitole ca autor | 1.1.1.2 nationale | | Matei Florentina, Microbiologie aplicata, 2011, Ed. Printech - 240 pagini | 48 | |
| | | | | | | Jurcoane Stefana, Sasarman Elena, Rosu Ana, Banu Alexandra, Lupescu Irina, Berehoiu Tamba Radiana, Radoi Florentina (2009): Tratat de Biotehnologie, vol.I, ediție revizuită, Ed.Tehnica, Bucuresti-500 pagini | 14 | |
| | | | | | | Pomohaci Nicolai, Cioltean Ioan, Vișan Luminița, Rădoi Florentina (2002): Tuica si rachiurile naturale, Ed. Ceres, București-156 pagini | 8 | |
| | | 1.2 Suport didactic | 1.2.1 Manuale, suport de curs | | nr. pagini/(8*nr. Autori) | Matei Florentina-Microbiologie industrială, AMC USAMV B, 2006- 118 pagini | 15 | |
| | | | | 1.2.2 Indrumare de laborator | | nr. pagini/(8*nr. Autori) | Liana Mihaela Herăscu, Florentina Rădoi (2002): Microbiologie speciala-lucrari de laborator, A.M.D. – U.S.A.M.V. București- 100 pagini | 6 |
| | | | | | | | Ștefana Jurcoane, Florentina Rădoi, Diaconu Lucia (1998): Biotechnology – practical lectures, A.M.D.-U.S.A.M.V. Bucuresti - 50 pagini | 2 |
| | | 1.3 Coordonare de programe de studii, organizare si coordonare programe de formare continua | | | | 15 puncte/activitate | POSDRU/109/2.1/G/81570 “Dezvoltarea abilităților practice ale studenților din domeniul biotehnologiei în vederea facilitării inserției lor pe piața muncii (BIOPRACT)” | 15 |
| | | | | | | | Erasmus-Mobilitati Facultatea Biotehnologii | 15 |
| | | Subtotal A 1 (Minim Abilitare = 100 puncte) | | | | | | 123 |
| | | | | | | | Florentina Matei, Camelia Diguță, Adrian Găgeanu, Paul Dobre,Elena Brinduse, Luminița Vișan, Cristea Stelica (2014): Enological potential of local yeast isolated from Dealurile Bujorului vineyard. Romanian Biotechnol. Lett., În proces de publicare; IF = 0.219 | 5 |
| | | | | | Dobre Paul, Farcas Nicolae, Matei Florentina (2013): Main factors affecting biogas production-an overview. Romanian Biotechnol. Lett., publicată on-lineșIF=0.363 | 10 | | |

2.1 Articole in reviste cotate ISI Thomson

Minim 6 articole pentru Abilitare (25+20*fact. Impact)/nr. autori)

| | |
|---|----|
| Sandrine Rousseaux, Camelia Filofteia Diguta, Florentina Radoi-Matei , Hervé Alexandre, Michèle Guilloux-Bénatier (2014): Non-Botrytis grape-rotting fungi responsible for earthy and moldy off-flavours and -mycotoxins. Food Microbiology, 38, p.104-121; IF=3.894 | 21 |
| Erny C, Raoult P, Alais A, Butterlin G, Delobel P, Matei Radoi F , Casaregola S, & Legras JL (2012): Ecological success of a group of <i>Saccharomyces cerevisiae</i> * <i>Saccharomyces kudriavzevii</i> hybrids in wine making environment. Applied and Environmental Microbiology. vol. 78 no. 9 3256-3265; IF= 3.678 | 12 |
| Matei Florentina , Adrian Găgeanu (2011): Killer profile of wine yeast strains isolated in Dealurile Bujorului vineyard. Romanian Biotechnol. Lett., Vol. 16 (6), p.144-147 ; IF= 0.363 | 16 |
| Matei Florentina , Brinduse Elena, Nicoale Getuta, Tudorache Aurelia, Razvan Teodorescu, (2011): Yeast biodiversity evolution over decades in Dealu Mare-Valea Calugareasca vineyard. Romanian Biotechnol. Lett., Vol. 16, No.1, Supplement, Bucharest, p.113-120; IF= 0.363 | 6 |
| Matei Florentina , Israel-Roming Florentina, Smeu Irina, Radu Anca, Cristea Stelica (2011): Quantitative study of Deoxynivalenol and Ochratoxin accumulation in syntetic media. Romanian Biotechnol. Lett., Vol. 16, No.1, Supplement, Bucharest, p. 33-39; IF= 0.363 | 6 |
| Arina Oana Antoce, Ioan C. Namolosanu, Florentina Matei Radoi (2011): Comparative study regarding the ethanol resistance of some yeast strains isolated from Romanian vineyards. Romanian Biotechnol. Lett., Vol.16, No.2, p.5981-5988; IF= 0.363 | 11 |
| Mioara Varga, Florentina Matei (2009): The application of statistical modeling tools to predict the growth evolution of food born moulds. Roum. Biotech. Lett., Vol.15, No.2, p.4249 – 4259; IF= 0.219 | 15 |
| Florentina Radoi , M. Kishida' H. Kawasaki (2005): Endo-polygalacturonase in <i>Saccharomyces</i> wine yeasts: effects of carbon source on enzyme production. FEMS Yeast Reas, Apr; 5(6-7): 663-668; IF=2.462 | 25 |
| P. Dantigny, Audrey Guilmar, Florentina Radoi , M. Bensoussan, M. Zweitering (2005): Modelling the effect of ethanol on growth rate food spoilage moulds. Int.J. Food Microbiol, Feb 15;98(3):261-9; IF= 3.938 | 21 |
| Florentina Radoi , M. Kishida' H. Kawasaki (2005): Characteristics of wines made by <i>Saccharomyces</i> mutant which produce a polygalacturonase under wine-making conditions. Biosci. Biotechnol. Biochem. 69 (11), 2224 – 2226; IF=1.48 | 18 |
| Daniela Balan, Florentina Israel-Roming, Petruta Calina Cornea, Evelina Gherghina, Gabriela Luta, Florentina Matei , Mihai Curtasu (2013): Novel fungal collagenase from <i>Aspergillus oryzae</i> . Scientific Bulletin. Series F. Biotechnologies, Vol. XVII, p.160-163. | 2 |
| Florentina Matei , Mioara Varga, Silvana Dănăilă-Guidea, Mariana Iordache, Ștefana Jurcoane, Camelia Diguță (2013): Supporting students for a biotech career. Scientific Bulletin. Series F. Biotechnologies, Vol. XVII, p.251-254. | 3 |
| Adrian Găgeanu, Gheorghe Câmpeanu, Camelia Diguță, Florentina Matei (2012): Isolation and identification of local wine yeast strains from Dealurile Bujorului vineyard. Scientific Bulletin Biotechnologies, Serie F, vol. XVI, p.22-25. | 4 |

**2.2 Articole in
revsita indexate in
alte baze de date**

Minim 15 (15/nr.autori)

| | |
|--|-------|
| Mioara Varga , Florentina Matei, Mala Bedivan- Stavrescu (2012)- A study of stochastic model to predict the growth evolution of food born moulds, Scientific Bulletin, Series F, Biotechnologies, Vol. XVI Bucharest, p.182-185 | 5 |
| Arina Oana Antoce, I. Nămoșanu, Florentina Rădoi-Matei , Elena Brândușe (2010): Evaluation of the growth rate of some yeast strains selected in Dealu Mare region for wine production. Lucrări științifice U.Ș.A.M.V.B., Seria B, vol. LIII, p. 523 – 530. | 4 |
| Arina Oana Antoce, I. Nămoșanu, Florentina Rădoi-Matei , Elena Brândușe (2010): The influence of the yeast strain selection on the colour parameters of the Pinot noir and Cabernet Sauvignon wines. Lucrări științifice U.Ș.A.M.V.B., Seria B, vol. LIII, p. 515 – 522. | 4 |
| Arina Oana Antoce, I. Nămoșanu, Florentina Rădoi-Matei , Elena Brândușe (2010): Calorimetric determination of the quantitative inhibitory parameters of ethanol for some yeast strains selected in Valea Caligareasca and Panciu regions for wine production. Analele Universitatii din Craiova, seria Biologie, Horticultură, Tehnologia Prelucrării Produselor Agricole, Ingineria Mediului, Vol. XV. | 3.75 |
| Arina Oana Antoce, I. Nămoșanu, Florentina Rădoi-Matei , Elena Brândușe (2010): Evaluation by sensory analysis and electronic nose of red wines obtained using some yeast strains selected in Dealu Mare Region. Analele Universitatii din Craiova, seria Biologie, Horticultură, Tehnologia Prelucrării Produselor Agricole, Ingineria Mediului, Vol. XV. | 4 |
| Nicolae Getuta, Ioan Dopcea, Ana-Maria Nicolae, Petre Stelian, Florentina Matei (2010): Conservation methods used for yeast isolated from vineyards – lyophilisation advantages. Sci. Bull. Biotechnology, U.Ș.A.M.V.Bucharest, Serie F, Vol. XIV, p.31 – 36. | 3 |
| Stefana Jurcoane, Florentina Radoi-Matei , Radu Toma, P. Stelian, Camelia Diguta, Anca Vintiloiu (2009): Hydrolysis of agricultural Biomass by Combined Pretreatment and Enzymatic Methods in Order to Produce Biofuels (Ethanol, Biogas), Lucrări științifice Zootehnie și Biotehnoigi, vol. 42 (1), p.54 -58, USAMVB- Timisoara. | 3 |
| Florentina Radoi-Matei , Florentina Israel-Roming, Anca Radu, Camelia Diguta, Cristina Coculescu, R. Despa (2008): Studies on the growth and mycotoxin production of moulds isolated from Romanian food products. Sci. Bull. Biotechnology, U.Ș.A.M.V.Bucharest, Serie F, Vol. XIII, p. 33-39. | 2.5 |
| Mioara Varga, Florentina Matei (2008): An application of statistical modeling to a problem of the predictive mycology. Proceedings of the International Symposium “New Research in Biotechnology”, Bucharest, Nov 2008. p.165-172. | 7.5 |
| Ioana Vatuiu, Daniela Vatuiu, Beatrice Gilea, Luminita Dejan, Catalina Voaides, Calina Petruta Cornea, Florentina Matei (2008): Improvement of biomass production and DNA extraction from filamentous fungi. Proceedings of the International Symposium “New Research in Biotechnology”, Bucharest, Nov 2008. p.267-272. | 1.875 |
| Fl.Radoi-Matei , M. Burcea, E. Brinduse, A.Kontek (2008): Improvement of Romania wines characteristics by using autochthonous yeast starter cultures. Journal of EcoAgriTourism, Proceeding of the International Conference BIOATLAS 2008, Transilvania Univ. Brasov,Romania, p.235-239. | 3.75 |

2 A2-Activitatea de cercetare

internationale

| | |
|---|------|
| Adriana Indreas, Florentina Radoi Matei , Irina Heroiu (2008): Agro-biological and phenolic potential for area extension of Romanian grapevine varieties for high-quality red wines. Horticulture Sci. Bull. Serie B., p.487 – 491. | 5 |
| Matei Radoi Florentina , Mihaela Avram, Adriana Stanciu, Daniela Correia (2007): Microbial charge of stocked cereals correlated to their aflatoxins content. Biotechnology Sci. Bull.-serie F, vol. XII, p.41 – 46. | 3.75 |
| Radu Despa, Ovidiu Folcut, Radoi Matei Florentina , Coculescu Cristina (2007) - Linear Regression Models Applied in Predictive Microbiology. Proceeding of the 31st ARA Congress, TRANSILVANIA University Brasov, Romania. | 3.75 |
| Radu Despa, Ovidiu Folcut, Radoi Matei Florentina , Coculescu Cristina (2007) - Aspects regarding experimental datas adjustments through logistic curves. "European Integration-New Challanges for the Romanian Economy- The 3rd Edition of the International Scientific Conference". Analele Univ. Oradea, Vol.I, p. 163 - 167. | 3.75 |
| Camelia Diguta, Stefana Jurcoane, Claudine Charpentier, Florentina Radoi Matei , Nicoleta Ciocarlie (2006) - Influence of some nutritional factors on the development of <i>Penicillium sp.</i> and <i>Botrytis sp.</i> responsible for the "musty-earthy" odor in wine. Rom. Biotech. Lett. 11(3), p.2703 – 2711. | 3 |
| C. Pohrib, Florentina Matei-Radoi , Stefana Jurcoane, Camille Loupiac, J.M. Perrier-Cornet (2006) – The effects of high pressure and low temperature on betalactoglobulin structure revealed by spectrophotometry online. Roum. Biotech. Lett. 11(2), p.2675-2680. | 3 |
| Mihaela Geicu, Florentina Matei-Radoi , Stefana Jurcoane, P.A.Marechal (2006) – Influence of the temperature variation on the <i>Saccharomyces cerevisiae</i> cells viability. Roum. Biotech. Lett. 11(2), p.2653-2659. | 3.75 |
| Daniela Judet, Florentina Matei-Radoi , M.Bensoussan, Stefana Jurcoane (2006) – Studies on <i>Aspergillus flavus</i> growth and toxicity. Roum Biotech. Lett. 11 (1), p. 2593-2597. | 3.75 |
| Florentina Matei-Radoi , Daniela Judet, M.Bensoussan, P. Dantigny (2006) - Physiological study on the <i>Aspergillus flavus</i> conidiation and toxinogenesis under different environmental conditions. Lucrări științifice, U.Ș.A.M.V.B., Seria F, Vol. XI, 2006, p. 26 – 30. | 3.75 |
| Mirela Burcea, Calina Petruta Cornea, Florentina Radoi Matei (2005): Killer profile of wine yeast strains isolated from consecrated viticultural region. Lucrari Stiintifice Biotehnologii, seria F, vol. X, p.86-92. | 5 |
| Alecu Eugenia, Florentina Matei-Radoi , Stefana Jurcoane (2005): Interactions study of refining bacteria for soft paste cheese and washed crust (Epoisses): <i>Brevibacterium linens</i> and <i>Arthrobacter</i> . Lucrari Științifice, Biotehnologii, seria F, vol X, p.37-41. | 5 |
| Mirela Burcea, Florentina Radoi (2005): Cariotype analysis of some yeast strains isolated from Panciu wine region. Rom. Biotech. Lett. 10 (2), p.2171 – 2177. | 7.5 |
| Audrey Guilmart, Florentina Radoi , M. Bensoussan, P. Dantigny (2003): Influence of ethanol vapour on the growth of the food spoilage mould <i>Pencillium chrysogenum</i> . 4 Predictive modelling in foods - Conference proceedings, Katholieke Universiteit Leuven/ BioTeC, Belgium, 135 – 137. | 3.75 |

| | | | |
|--|---|--|----|
| | | Florentina Radoi , M. Kishida, H. Kawasaki (2003): Construction of polygalacturonase positive mutants from wine yeast. Rom. Biotech. Lett., vol.8, no.4, 1339 – 1344 . | 5 |
| | | Florentina Radoi , M. Kishida, N. Pomohaci, Gh. Campeanu, H. Kawasaki (2002): Quantitatively calorimetric characterization of polygalacturonase-producing mutants isolated from <i>Saccharomyces cerevisiae</i> wine strains. Rom. Biotech. Lett., vol. 7, no.3, 759 – 766. | 3 |
| 2.3 Brevete de inventie | 2.3.2 Nationale (30/nr.autori) | Jurcoane Stefana, Carmen Gaidau, Florentina Israel, Petruta Cornea, Florentina Matei, Laura Dinu -A00835/13.11.2013: Procedeu de evaluare a biodegradabilitatii blanurilor naturale. | 5 |
| 2.4 Granturi/proiecte castigate prin competitie inclusiv proiecte de cercetare/consultanta (valoarea de minim 10 000 Euro echivalent) | 2.4.1.1 Internationale (20* ani desfasurare) | FP7 308807/2012 ITAKA- Initiative Towards A sustainable Kerosene for Aviation | 60 |
| | | ECONET 21371ZH/2008:"Diversité et capacité technologique des flores de vinification d'Europe Centrale"; | 40 |
| | 2.4.1.2 Nationale (10*ani desfasurare) | PN II PC 51065/2007 "Ecological and molecular study on the diversity of microorganisms from consecrated wine regions in the context of the European program of bio resources management" | 30 |
| | | P-CD 87/1.08.2006 "Development of a preventing system for toxinogenic moulds contamination of food products by the predictive microbiology and the molecular biology technique" PREVSISTOX | 30 |
| | | CEEX ET14/ 2006 "Predictive and molecular approach of the development of filamentous spoiling fungi having toxinogenic potential for agricultural and food products in the context of consumer safety"– | 30 |
| | | AGRAL 5488/10.2004 " The food industry packing sterilization by electric shocks on the atmospheric pressure" | 30 |
| | | PN II-PT-PCCA 132/2012: Advanced research on the development of some phytoimmunomodulators for veterinary use linked up with industrial development for technologies and products | 6 |
| | EUREKA 314E/2012 - Evaluation system for the biodegradability and ecolabeling for natural fur as a market instrument | 6 | |
| | PN II PC 61034/2007 " Development of an obtaining technology of an enzymatic complex used in lignocellulosic material hydrolysis in order to obtain biogas" | 6 | |
| | PN II PC 31017/ 2007 "Investigation, monitoring chemical and (micro) biological decontamination of some environmental major pollutants such as dinitrophenol derivatives" | 6 | |

| | | | | | | |
|--|--|--|--|---------------------------------|---|------------------|
| | | | 2.4.2.2 Nationale (2 ^o ani desfasurare) | | AGRAL 5459/10.2004 "Implementation of the HACCP management system of the food safety - study on meat industry" | 6 |
| | | | | | BIOTEH 3-381/10.2003 " Construction of a microbial genetic resources (microorganisms), the assurance of the quality and of the genetic information conservation during the biotechnological and scientific use; data structuring and informational European integration" | 6 |
| | | | | | CNCSIS 32/2002 "Isolation of new yeast strains from consecrated vineyard enrichment of the microorganisms collection" | 6 |
| | | | | | CNFIS 39161/2001 "Set up of a modern laboratory of food safety and environmental protection at the EU | 6 |
| | | | | | Subtotal A 2 (Minim Abilitare = 260 puncte) | 551 |
| | | | <i>nr citari (NOTA: Surse www.researcherid.com www.researchgate.net la data de 30.03.2014)</i> | <i>nr. Autori</i> | Articol | Punctaj candidat |
| | | | | 1 | Sandrine Rousseaux, Camelia Filofteia Diguta, Florentina Radoi-Matei , Hervé Alexandre, Michèle Guilloux-Bénatier (2014): The fungal ecology of grape berries. Food Microbiology | 2.00 |
| | | | | 8 | Erny C, Raoult P, Matei Radoi F , Alais A, Butterlin G, Delobel P, Casaregola S, & Legras JL (2012): Ecological success of a group of <i>Saccharomyces cerevisiae</i> * <i>Saccharomyces kudriavzevii</i> hybrids in wine making environment. Applied and Environmental Microbiology | 10.00 |
| | | | | 4 | <u>Florentina Radoi</u> , M. Kishida' H. Kawasaki (2005): Characteristics of wines made by <i>Saccharomyces</i> mutant which produce a polygalacturonase under wine-making conditions. Biosci. Biotechnol. Biochem. 69 (11), 2224 – 2226 | 13.33 |
| | | | | 10 | <u>Florentina Radoi</u> , M. Kishida' H. Kawasaki (2005): Endo-polygalacturonase in <i>Saccharomyces</i> wine yeasts: effects of carbon source on enzyme production. FEMS Yeast Reas, Apr; 5(6-7): 663-668 | 33.33 |
| | | | 3.1 Citari in reviste | 3.1.1 ISI (10/nr.aut.art.citat) | | |

| | | | | | |
|---|--|---|------------------------|---|-------|
| A3- 3 Recunoastere si impact | | | | P. Dantigny, Audrey Guilmart, Florentina Radoi, M. Bensoussan, M. Zweitering (2005): Modelling the effect of ethanol on growth rate food spoilage moulds. Int.J. Food Microbiol, Feb 15;98(3):261-269 | 62.00 |
| | 3.3 Membru in colectivele de redactie sau comitete stiintifice al revistelor si manifestarilor stiintifice, organizator de manifestari stiintifice, recenzor pentru reviste si manifestari stiintifice nationale si internationale | 3.3.1 ISI | | Recenzor Romanian Biotechnological Letters | 15 |
| | | | | Membru in colectivul editorial Romanian Biotechnological Letters | 15 |
| | | 3.3.2 BDI | | Membru in colectivul editorial Biotechnologies Series F | 10 |
| | | | | Recenzor Biotechnologies series F | 10 |
| | | | | Recenzor Conf Internationala A4 Life -USAMV Bucuresti | 10 |
| | | | | Organizator Conf Internationala A4 Life -USAMV Bucuresti | 10 |
| | | | | Recenzor Journal of Agriculture, Food Systems, and Community Development | 10 |
| | | | | Recenzor Academic Journals ERR | 10 |
| | 3.4. Experienta de management | 3.4.2 Membru in organisme de conducere | | Membru in consiliul Facultatii de Biotehnologie/USAMVB(10 ani) | 20 |
| | | | | Membru in consiliul Departamentului de Biotehnologie/Facultatea de Biotehnologie/USAM B (2 ani) | 4 |
| | | | | Membru in Senatul USAMV Bucuresti (2 ani) | 4 |
| | 3.5 Premii | | | Premiul Societatii Horticulturilor pentru "Tuica si rachiurile naturale" | 5 |
| | 3.6. Membru in ... | 3.6.4. Membru in asociatii profesionale | 3.6.4.1 Internationale | GHI (Global Harmonization Initiative- promoveaza armonizarea regulilor si legislatiei in siguranta alimentara) –din 2011 | 5 |
| | | | | FEMS (Federation of European Microbiological Societies) –din 2010 | 5 |
| EFB (European Federation of Biotechnology) – din 2006 | | | | 5 | |
| AAAS (American Association for the Advancement of Science) SUA - din 2005 | | | | 5 | |
| SFM (Societe Francaise de Microbiologie)- din 2004 | | | | 5 | |
| 3.6.4.2 Nationale | | | | Societatea Nationala a Horticulturilor - din 2001 | 2 |
| Subtotal A 3 (Minim Abilitare = 40 puncte) | | | | 270.67 | |

Total (minim 400 puncte) 944.58

|