



Curriculum vitae Europass



Personal information

First name(s) / Surname(s)

Lazăr , Alexandru - Florin

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Nationality

Romanian

Date of birth

04.11.1977, loc. Ineu, jud. Arad

Gender

Male

Occupational field

Work experience

Dates
Occupation or position held
Main activities and responsibilities

2011 -

Lecturer

- Teaching and research activities in genetic engineering, biotechnology and virology with applications in agriculture
- Organization and RENAR accreditation of Molecular Genetic Laboratory (certificat LI 812/2009), in the detection, identification and quantification of genetically modified organisms (GMO) in food and feed products;
- Member in the committees of license and dissertation exams

Name and address of employer

Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry, Str. Calea Aradului, no. 119
Website: www.usab-tm.ro/

Type of business or sector

Teacher and researcher / Department of *Genetic Engineering*

Dates
Occupation or position held
Main activities and responsibilities

2006 - 2011

Assistant Lecturer

- Teaching and research activities in genetic engineering, biotechnology and virology with applications in agriculture
- Organization and RENAR accreditation of Molecular Genetic Laboratory (certificat LI 812/2009), in the detection, identification and quantification of genetically modified organisms (GMO) in food and feed products;
- Member in the committees of license and dissertation exams

Name and address of employer

Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry, Str. Calea Aradului, no. 119
Website: www.usab-tm.ro/

Type of business or sector

Teacher and researcher / Department of *Genetic Engineering*

Dates
Occupation or position held
Main activities and responsibilities

2002 - 2006

Ph D researcher

Research activities in plant biotechnology, *in vitro* cell culture and secondary metabolites biochemistry;

Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry, Str. Calea Aradului, no. 119 Website: www.usab-tm.ro/
Type of business or sector	Research activity
Educație și formare	
2002 - 2008	
Dates	2002 - 2008
Title of qualification awarded	Ph D in Horticulture, Genetics specialization
Principal subjects / occupational skills covered	Tissues and cell culture, Micropropagation, Biochemistry, Analytical and Instrumental Chemistry
Name and type of organization providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry
Level in national or international classification	Ph D degree
01 - 03. 2004	
Dates	01 - 03. 2004
Title of qualification awarded	Biotechnology in agriculture: Plants and Microorganisms
Principal subjects / occupational skills covered	Biotechnology, Genetic engineering, Micropropagation, Microbiology, Virology, Immunology, Bioremediation, Plant Physiology
Name and type of organization providing education and training	The Hebrew University of Jerusalem, Rehovot, Israel
Level in national or international classification	Post-university training
09.2003	
Dates	09.2003
Title of qualification awarded	Specialization in methods of detection of genetically modified organisms (GMO) domain – „Postgraduate course and advanced studies - Approaches And Perspectives In Biology”
Principal subjects / occupational skills covered	Gene expression evaluation and molecular markers transfer, Methods of DNA extraction
Name and type of organization providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry
Level in national or international classification	Post-university training
09. 2002	
Dates	09. 2002
Title of qualification awarded	Specialization in methods of detection of genetically modified organisms (GMO) domain – „Postgraduate course and advanced studies - Approaches And Perspectives In Biology”
Principal subjects / occupational skills covered	Methods of DNA extraction, detection of transgenes presence by PCR or ELISA techniques, quantification of GMOs (RT-PCR)
Name and type of organization providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry
Level in national or international classification	Post-university training
2001 - 2002	
Dates	2001 - 2002
Title of qualification awarded	Master of Science degree in Genetics and plant breeding
Principal subjects / occupational skills covered	Genetic engineering, In vitro cell culture, Plant physiology, Biotechnology, Genetic mapping, Genetic transformation of plants, Conventional and non conventional methods of increasing biodiversity of plants
Name and type of organization providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry
Level in national or international classification	Post-university training
06.2001	
Dates	06.2001
Title of qualification awarded	Computer operating certificat
Principal subjects / occupational skills covered	Informatics, Operation systems, Windows Office, Internet

Name and type of organization providing education and training Fundația Româno-Germană de Pregătire și Perfecționare Profesională, Timișoara

Level in national or international classification Post-university training

Dates **1996- 2001**

Title of qualification awarded Genetics Engineer

Principal subjects / occupational skills covered Biotechnology, Genetics, Molecular Genetics, *In vitro* cultures of Plants, Microorganisms Genetics, Population genetics, Plants physiology and Plant breeding, Anorganic and Organic Chemistry, Biochemistry, Enzymology, Virology

Name and type of organization providing education and training Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara, Faculty of Horticulture and Forestry

Level in national or international classification University degree

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Reading		Spoken interaction		Spoken production		Reading		Spoken interaction	
B2	Independent user	C1	Proficient user	B2	Independent user	B1	Independent user	B1	Independent user

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Social skills and competences Team spirit: teamwork experience gained as member of research teams in the university< Ability to adapt to multicultural environments, gained from training courses abroad (Hungary, Israel) and during the courses of cooperation cross-border project Romania-Hungary< Communication skills were acquired during teching activities practical lessons and courses

Organisational skills and competences Experience in the detection, identification and quantification of genetically modified organisms (GMO) in food and feed products in the accredited Molecular Genetic Laboratory. Coordinate students activities in faculty and the final projects and even licenses themes.

Technical skills and competences Competent in use of laboratory equipment

Computer skills and competences Computer operating skills: Word, Excel, PowerPoint, Internet

Drive licence category B

Additional information

References:
Prof dr. Badea Elena, elenamarcelabadea@yahoo.com
Conf. Dr. Popescu Sorina, clasor_ro@yahoo.com
Prof. Dr. Madoșă Emilian, madosae@yahoo.com

Anexe

Ph D Thesis
Invention patent
Awards and medals
List of research contracts
List of scientific papers

Ph D thesis title:

- **Researches concerning the obtaining of some secondary metabolites using in vitro cultures in *Vitis vinifera* L.**, scientific coordinator: Prof. dr. Gabriel Nedelea

Invention patents:

- **Invention Patent no. 125280 - Procedul de obținere a unui preparat gemoterapic pe bază de *Momordica charantia*, pentru tratamentul diabetului non-insulino-dependent** – Ianculov Iosif, Botău Dorica, Ciulca Sorin, Palicica Radu Dimitrie, Hălmăgianu Lucian, Crișan Simona, **Lazăr Alexandru**
- **Preparat gemoterapic pentru tratamentul diabetului non-insulino-dependent pe bază de *Momordica charantia* – Invention Patent application – no. A/00742 from 22.09.2008** - Ianculov Iosif, Botău Dorica, Ciulca Sorin, Palicica Radu, Halmagean Lucian, Crișan Simona, **Lazăr Alexandru**
- **Compoziții medicamentoase pe bază de țesuturi vegetale cultivate in vitro pentru tratamentul diabetului non-insulino-dependent – Invention Patent application – no. A/00688 from 08.09.2009** - Botău Dorica, Ianculov Iosif, Sărăndan Horea, **Lazăr Alexandru**, Tudor Constantin

Awards and medals:

- Diploma and Gold Medal – **Lazăr Alexandru**, Poșta Gheorghe, Petolescu Cerasela, Berar Viorel – ***The researches concerning the biosynthetic capacity of secondary metabolites depending on the genetic diversity in a collection of chilli pepper local populations in Western Romania*** – European Exhibition of Creativity and Innovation EuroInvent, Iași, 2012
- Diploma and Silver Medal – Lăpădătescu Simona, Petolescu Cerasela, Băla Maria, **Lazăr Alexandru**, Botău Dorica – ***Assesment of somaclonal variability using molecular markers and identification iridaceae family genotypes with high content of carotenoid pigments and isoflavones*** – European Exhibition of Creativity and Innovation EuroInvent, Iași, 2012
- Diploma and Medicine Award – **Medicamentary composition for treatment of non-insulin dependent diabetes** – D. Botău, I. Ianculov, H. Sărăndan, **A. Lazăr**, C. Tudor, Salonul EUROINVENT, European Exhibition of Creativity and Innovation, 14 May 2011, Iași
- Diploma and Gold Medal – Botău Dorica, Ianculov Iosif, Sărăndan Horea, **Lazăr Alexandru**, Tudor Constantin – **Medicamentary compositions based on in vitro cultivated vegetal tissues for the treatment of non-insulin-dependent diabetes**, Salonul EUROINVENT, European Exhibition of Creativity and Innovation, 14 May 2011, Iași
- Invention Diploma and Gold Medal – **Preparation gemotherapeutique utilisee dans le traitement du diabete** – Ianculov Iosif, Botău Dorica, Ciulca Sorin, Palicica Radu – Dimitrie, **Lazăr Alexandru**, Hălmăgianu Lucian, Crișan Simona, 38th International Exhibition of Invention of Geneva, 2010
- Diplomă de Excelență pentru reprezentarea cu succes a României la Salonul Internațional de Investiții de la Geneva – 2010 – Iosif Ianculov, Dorica Botău, Sorin Ciulca, Radu – Palicica, **Alexandru Lazăr**, Lucian Hălmăgian, Simona Crișan - ANCS și Ministerul Educației, Cercetării, Tineretului și Sportului, 8.06.2010
- Diplomă de Excelență and Gold Medal – Botău Dorica, Ianculov Iosif, Sărăndan Horea, **Lazăr Alexandru**, Tudor Constantin – **Compoziții medicamentoase pe bază de țesuturi vegetale cultivate in vitro pentru tratamentul diabetului non-insulino-dependent** - Salonul Internațional de Inventică Pro Invent, ediția a VIII-a, 2010, Cluj-Napoca
- Plaquettes Agro Arca – Ianculov Iosif, Botău Dorica, Ciulca Sorin, Palicica Radu – Dimitrie, **Lazăr Alexandru**, Hălmăgianu Lucian, Crișan Simona – **Gemotherapy *Momordica charantia* – Based preparation for the treatment of non-insuline-dependent diabetes**, Slatina, 2010
- Diplomă de excelență and Gold Medal – Iosif Ianculov, Botău Dorica, Ciulca Sorin, Palicica Radu-Dimitrie, Hălmăgianu Lucian, Crișan Simona, **Lazăr Alexandru** - **Preparat gemoterapic pe bază de *Momordica charantia* pentru tratamentul diabetului non-insulino-dependent** – PROINVENT, ediția aVII-a, 2009, Cluj-Napoca
- British Invention Award – Silver Medal 2009 - Iosif Ianculov, Botău Dorica, Ciulca Sorin, Palicica Radu-Dimitrie, Hălmăgianu Lucian, Crișan Simona, **Lazăr Alexandru** – **Gemotherapy *Momordica***, Londra 2009
- Gold Medal – **Preparat gemoterapeutic pentru tratamentul diabetului non-insulino-dependent pe bază de *Momordica charantia*** – Ianculov Iosif, Botău Dorica, Ciulca Sorin, Palicica Radu – Dimitrie, Hălmăgianu Lucian, Crișan Simona, **Lazăr Alexandru** - Expoziția Internațională de Invenții, Cercetare Științifică și Tehnologii noi – Inventica, București 2009
- Silver Medal – **Compoziții medicamentoase pe bază de țesuturi vegetale cultivate in vitro pentru tratamentul diabetului non-insulino-dependent** – Botău Dorica, Ianculov Iosif, Sărăndan Horea, **Lazăr Alexandru**, Tudor Constantin - Expoziția Internațională de Invenții, Cercetare științifică și Tehnologii noi – Inventica, București 2009

LIST OF RESEARCH CONTRACTS

Nr. crt.	Contract title / no. / acronym	Period	Donor	Value (Lei, Euro)	Contract type	USAMVB Timișoara role in the contract (coordinator/partner)	Role in the contract (director sau membru)
1.	Biosensing of heavy metal pollution at both sides of Romanian an Hungarian border by agriculturally important capsicum plant / HURO/0901/270/2.2.2. / Biosensor plant	2011-2012	HURO/0901	97280 Euro (406494,2 Lei 1€=4,1786 lei)	COOPERARE TRANSFRONTALIERĂ UNGARIA - ROMÂNIA	partner	research team member
2.	Syedged – Timișoara axis for the safe food and feed / HURO/0901/147/2.2.2.	2011-2012	HURO/0901	124000 Euro (518146,4 Lei 1€=4,1786 lei)	COOPERARE TRANSFRONTALIERĂ UNGARIA - ROMÂNIA	partner	research team member
3.	Posibilități privind utilizarea zeoliților în conceptul biodinamic și elaborarea unor modele tehnologice pentru cultura forțată a tomatelor	2009-2011	CNCSIS	168690 Lei	CERCETARE EXPLORATORIE - IDEI	coordinator	research team member
4.	Inducerea variabilității somatice la unele plante medicinale în vederea îmbunătățirii proprietăților terapeutice (hipoglicemiante, antibacteriene) ale acestora / nr. 409/2007 / IDEI	2007-2010	UEFISCSU	772600 Lei	CERCETARE EXPLORATORIE - IDEI	coordinator	research team member
5.	Evaluarea la nivel de fermă a impactului unor tehnologii de cultură a porumbului în România asupra biodiversității și asupra calității și cantității recoltei/ nr. 141533	2008-2010	Ministerul Agriculturii și Dezvoltării Rurale, UTSCG	200000 Euro (746960 Lei 1€=3,7348 lei)	MAKIS	coordinator	research team member
6.	Hibridii de floarea soarelui îmbunătățiți genetic cu gene izolate de la specii sălbatice de Helianthus annuus pentru a rezista la erbicidele sulfonilureice / Modulul I, nr. 10 – 19.09.2007	2007-2009	AMCSIT Politehnica	450000 Lei	INOVARE	partner	research team member
7.	Dezvoltarea capacității de detectare, identificare și cuantificare a organismelor modificate genetic și a derivatelor lor moleculare în produsele agricole și alimentare, conform standardelor UE / Modulul IV 263/ C2-1051/OMGDET	2006-2008	CEEX	630000 Lei	CERCETARE DE EXCELENȚĂ P- CONFORM	coordinator	research team member
8.	Studiul expresiei genelor implicate în procesul de fitoremediere la lucernă / Tema 10-298	2007-2008	CNCSIS	100000 Lei	Tip A	coordinator	research team member
9.	Cercetări privind impactului agronomic, economic și ecologic al cultivării produselor biotehnologiei moderne în României / nr.	2003-2005	Ministerul Educației, Cercetării și Tineretului, PNCDI	200000 Lei	PED	coordinator	research team member

LIST OF SCIENTIFIC PAPERS

Articole/studii publicate în reviste de specialitate de circulație internațională recunoscute (cotate ISI)

1. J. Csiszár, E. Lantos, I. Tari, E. Madoșă, B. Wodala, Á. Vashegyi, F. Horváth, A. Pécsváradi, M. Szabó, B. Bartha, Á. Gallé, **A. Lazăr**, G. Coradini, M. Staicu, S. Postelnicu, S. Mihacea (Popescu), G. Nedelea, L. Erdei (2007), *Antioxidant enzyme activities in Allium species and their cultivars under water stress*, PLANT SOIL ENVIRON., 53, (12): 517–523 - factor de impact 2006 – 1,703
2. Tari I., Camen D., Coradini G., Csiszar J., Fediuc E., Gemes K., **Lazăr A.**, Madosa E., Mihacea (Popescu) S., Poor P., Postelnicu S., Staicu M., Szepes A., Nedelea G., Erdei L., (2008), *Changes in chlorophyll fluorescence parameters and oxidative stress responses of bush bean genotypes for selecting contrasting acclimation strategies under water stress*, Acta Biologica Hungarica 59 (3) 335-345 (Factor de impact 2006 - 0,688) (2007 – 0,447)
3. Petolescu Cerasela, Ciulca S., **Lazăr A.**, Schitea Maria, Badea Elena Marcela, (2010), *Intra-Population Genetic Diversity in Romanian Alfalfa Cultivars as Revealed by SSR Markers*, Romanian Biotechnological letters, vol.15, nr.2, p.107-112, ISSN 1224-5984 (Factor de impact 2009 - 0,330)

Articole/studii publicate în volumele unor manifestări științifice internaționale recunoscute din țară sau străinătate

4. Fediuc Erika, Erdei Laszlo, Csiszar Jolan, Tari Irma, Vashegyi Agnes, Pecsvaradi Atila, Horvath Ferenc, Bertha Bernadette, Vidacs Lavinia, Postelnicu Simona, **Lazăr A.**, Staicu Mihaela, Coradini Giancarla, *Proline accumulation and aldehyde oxidase activity in some crop plant varieties exposed to drought*, Characterization of plant genetic resources: contribution to the maintenance of biodiversity, improvement of R&D activity and higher education in the South Great Hungarian Plain and in Romanian West regions, Szeged 2003.
5. Jolan Csiszar, Erika Fediuc, Irma Tari, Agnes Vashegyi, Ferenc Horvat, Atila Pecsvaradi, Bernadette Bartha, Emese Illes, Livia Vidacs, Giancarla Coradini, **Lazăr A.**, Postelnicu Simona, Staicu Mihaela, Szilvia Peter, Telka Kosa, Laszlo E., *Response of the elements of the antioxidant defence mechanism under drought stress*, Characterization of plant genetic resources: contribution to the maintenance of biodiversity, improvement of R&D activity and higher education in the South Great Hungarian Plain and in Romanian West regions, Szeged 2003
6. Erdei Laszlo, Fediuc Erika, Csiszar Jolan, Szilvia Peter, **Lazăr A.**, Postelnicu Simona, *Physiological and biochemical responses of Capsicum annuum landraces to drought stress*, Characterization of plant genetic resources: contribution to the maintenance of biodiversity, improvement of R&D activity and higher education in the South Great Hungarian Plain and in Romanian West regions, Szeged 2003
7. Jolan Csiszar, Irma Tari, Agnes Szepesi, Agnes Galle, Bernadette Bartha, Szilvia Bajkal, Dalma Zeller, Agnes Vashegyi, Atila Pecsvaradi, Ferenc Horvat, **Lazăr A.**, Camen D., Mihaela Staicu, Cerasela Petolescu, Laura Gabor, Laszlo Erdei, *Responses of the elements of the antioxidant defence mechanisms of vegetable genotypes under drought stress*, Innovation and education of experts in applied plant biology, Szeged 2004
8. **Lazăr A.**, Nedelea G., *Researches concerning the determination of the anthocyanin fractions from cell cultures of Vitis vinifera L. using high performance liquid chromatography (HPLC)*, Lucrări Științifice vol. 15 (2), „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură” Chișinău 2007, p. 104-106, ISBN 978-9975-946-37-7
9. **Lazăr A.**, Nedelea G., *Studies concerning in vitro response of some red grape varieties (Vitis vinifera L.)*, Lucrări Științifice vol. 15 (2), „Realizări și perspective în horticultură, viticultură, vinificație și silvicultură” Chișinău 2007, p. 79-82, ISBN 978-9975-946-37-7
10. Elena Badea, Sorina Mihacea, Mariana Gheorghe, Georgeta Dicu, Cerasela Petolescu, **Lazăr A.**, Ciulca S., *Obtaining homoyigous lines tolerant to sulfonylurea by in vitro culture of unfertilized sunflower ovules and preliminary studies on the progeny of gynogenetic plants*, Internationale Conference “Conventional and Molecular Breeding of Field and Vegetable Crops”, Novi Sad 2008, Serbia
11. Botău D., **Lazăr A.**, Sorina M., Petolescu C., Hărmănescu M., Ianculov I., Ciulca S., Gergen I., *Research regarding somatic variability induced by cell suspension on Bitter melon (Momordica charantia L.)*, 44th Croatian & 4th International Symposium on Agriculture – Genetics, Plant breeding and Seed production, p.290-293, Opatija 2009, Croația
12. **Lazăr A.**, Botău D., *The effect of explant type and callus culture duration on cell biomass in Vitis vinifera L. cell culture*, Research people and actual tasks on multidisciplinary sciences, Lozenec 2009, Bulgaria, p.192-195, ISSN 1313-7735
13. **Lazăr A.**, Botău D., *Research concerning the callusing rate of grapevine explants in cell cultures*, Research people and actual tasks on multidisciplinary sciences, Lozenec 2009, Bulgaria, p.213-216, ISSN 1313-7735
14. Botău D., Ianculov I., Ciulca S., Cucu M., **Lazăr A.**, Boldă V., *Biochemical assesment of somatic variability induced in some plant species with hypoglycemic effect*, Research people and actual tasks on multidisciplinary sciences, Lozenec 2009, Bulgaria, p.299-304, ISSN 1313-7735

Articole publicate în volume naționale

15. Botău Dorica, **Lazăr A.**, *Amylase producing bacteria obtained by heterospecific Bacillus globigii transformation*, Cercetări științifice seria a VII, Biotehnologie și Biodiversitate Facultatea de Horticultură, p.171-174, Timișoara 2003, ISSN 1453-1585
16. **Lazăr A.**, Lăpădătescu Simona, Nedelea G., *Studies concerning in vitro reactivity of five Vitis vinifera L. cultivars*, Cercetări științifice seria a VIII-a, Biotehnologie și Biodiversitate, Facultatea de Horticultură, p.49-52, Timișoara 2004, ISSN 1453-1585

17. Lăpădătescu Simona, **Lazăr A.**, Mohsen W., Nedelea G., *The effect of explant type and media composition on callus production process in three eggplant (*Solanum melongena* L.) varieties*, Cercetări științifice seria a VIII-a, Biotehnologie și Biodiversitate, Facultatea de Horticultură, p.45-48, Timișoara 2004, ISSN 1453-1585
18. **Lazăr A.**, Botău Dorica, *The influence of culture medium on protease synthesis in *Aspergillus niger**, Cercetări științifice seria a IX-a, Biotehnologie și Biodiversitate, Facultatea de Horticultură, p.77-80, Timișoara 2005, ISSN 1453-15785
19. Șulea Diana, **Lazăr A.**, Nedelea G., *Researches concerning the influence of genotype on embryo culture in common bean (*Phaseolus vulgaris* L.)*, Cercetări științifice seria a IX-a, Biotehnologie și Biodiversitate, Facultatea de Horticultură, p.105-108, Timișoara 2005, ISSN 1453-15785
20. Erdei Laszlo, Csiszar Jolan, Tari Irma, Bertha Bernadette, Szepesi Agnes, Șulea Diana Corina, **Lazăr A.**, Camen D., Staicu Mihaela, Petolescu Cerasela, Gabor Laura, Mihacea Sorina, Nedelea G., *Oxidative stress antioxidants and total antioxidant activities in vegetables*, Cercetări științifice seria a X-a, Horticultură – Inginerie genetică, Editura Agroprint, p.121-130, Timișoara 2006, ISSN 1453-1402
21. Botău Dorica, **Lazăr A.**, But S., *Cell biomass producing to *Vitis vinifera* in different system cultures*, Cercetări științifice, seria a XI-a Horticultură-Inginerie genetică, Editura Agroprint, p.284-288, Timișoara 2007, ISSN 1453-1402
22. **Lazăr A.**, Nedelea G., *Researches concerning the determination of anthocyanin fractions using thin layer chromatography from *Vitis vinifera* L. cell lines*, Cercetări științifice, seria a XI-a Horticultură-Inginerie genetică, Editura Agroprint, Timișoara 2007, p.265-268, ISSN 1453-1402
23. Wodala B., Lantos E., Csiszar J., Madosa E., Tari I., Vashegyi A., Horvath F., Pecsvaradi A., Szabo M., Bartha B., **Lazăr A.**, Coradini G., Staicu M., Postelnicu S., Mihacea S., Nedelea G., Erdei L., *Initial responses to drought: apparent differential strategies observed in an array of *Brassica* and *Pisum landraces**, Cercetări științifice, seria a XI-a Horticultură-Inginerie genetică, Ed.Agroprint, Timișoara 2007, p.1-9 ISSN 1453-1402
24. **Lazăr A.**, Nedelea G., *In vitro response of *Vitis vinifera* L. cell suspension cultures under the condition of their cultivation in the laboratory bioreactor*, Cercetări Științifice, Horticultură-Inginerie genetică, p.265-268, Timișoara 2008, ISSN 1453-1402
25. Elena Badea, Mariana Gheorghe, Cerasela Petolescu, **Lazăr A.**, Ciulca S., *Regeneration of plants obtained from cultivated sunflower non-fertilized ovules and ovaries (*Helianthus annuus*)*, Cercetări Științifice, Horticultură-Inginerie genetică, p.271-278, Timișoara 2008, ISSN 1453-1402
26. Danci M., Danci Oana, **Lazăr A.**, Chiș S., Berbentea F., *Researches concerning the length of the main spike variability for the somaclones and gametoclones of the cultivar *Dropia**, Cercetări Științifice, Horticultură-Inginerie genetică, p.355-358, Timișoara 2008, ISSN 1453-1402
27. **Lazăr A.**, Petolescu Cerasela, Danci M., *Somaclonal variation induced during in vitro propagation of African violet (*Saintpaulia ionantha* Wendl.)*, Cercetări Științifice, Horticultură-Inginerie genetică, p.398-401, Timișoara 2008, ISSN 1453-1402
28. Dragoescu Cerasela, Petrescu Irina, **Lazăr A.**, Danci Oana, Danci M., *Studies concerning the in vitro callusogenesis at alfalfa (*Medicago sativa*) genotypes*, Lucrări Științifice – Facultatea de Agricultură, vol. 40(3), Timișoara 2008, pag. 25-28, ISSN 1221-5279
29. **Lazăr A.**, *Experimental results concerning the growth rate of *Vitis vinifera* L. cell biomass in suspension cell culture in Braun bioreactor*, Journal of Horticulture, Forestry and Biotechnology, Editura Agroprint, Timișoara 2009, p.439-443, ISSN 2066-1797
30. **Lazăr A.**, Petolescu Cerasela, *Experimental results concerning the synthesized anthocyanin amount in the *Vitis vinifera* L. Suspension cell culture in the laboratory bioreactor*, Journal of Horticulture, Forestry and Biotechnology, Editura Agroprint, Timișoara 2009, p.443-447, ISSN 2066-1797
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