



Curriculum vitae Europass



Personal information

First name(s) / Surname(s) **SĂRAC IOAN**
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Telephone(s) 0256277045 Mobil: 0724585192
Fax(es) 0256277263
E-mail ionutsarac@yahoo.com
Nationality Romanian
Date of birth 05.05.1963
Gender M

Desired employment / Occupational field

Work experience

Dates	05.2005 – present
Occupation or position held	Associated Professore
Main activities and responsibilities	Academic activity and scientific research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Faculty of Horticulture and Forestry, Department of Genetics, Aradului Street no. 119, cod 300645
Type of business or sector	Teaching and practical course in the discipline of forest genetics and species specialization Improving Forestry, Genetics and practical course in specializations Horticulture, Agriculture, Environmental Engineering, Landscape Ecology course in Landscape specialization.
Type of business or sector	Teaching and practical course in the discipline of forest genetics and species specialization Improving Forestry, Genetics and practical course in specializations Horticulture, Agriculture, Environmental Engineering, Landscape Ecology course in Landscape specialization.
Dates	01.2002 – 05.2005
Occupation or position held	Lecturer
Main activities and responsibilities	Academic activity and scientific research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Faculty of Horticulture and Forestry, Department of Genetics, Aradului Street no. 119, cod 300645,
Type of business or sector	Teaching and practical course in the subject of ornamental species specialization Landscape Genetics, Genetics practical work in specialties Agricultural, Environmental Engineering, Biology, Landscape Ecology course in Landscape specialization.
Dates	12.1998 – 01.2002

Occupation or position held	assistant Professor
Main activities and responsibilities	Academic activity and scientific research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Faculty of Horticulture, Department of Genetics, Aradului Street no. 119, cod 300645,
Type of business or sector	Practical work in teaching subjects in specialties Agricultural Genetics, Environmental Engineering, Biology and Horticulture.
Dates	10.1993 – 12.1998
Occupation or position held	Junior teaching
Main activities and responsibilities	Academic activity and scientific research
Name and address of employer	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Faculty of Horticulture, Department of Genetics, Aradului Street no. 119, cod 300645,
Type of business or sector	Practical work at Genetics in specializations Agricultural, Environmental Engineering, Biology, Genetic Engineering and Horticulture
Education and training	
Dates	10.2011 – 02.2013
Title of qualification awarded	Postgraduate course
Principal subjects/occupational skills covered	"Human resources training program in biomedical and biotechnology fields", Human Genetics, Biochemistry, Cell biology, Microbiology,
Name and type of organisation providing education and training	University of Bucharest and "Vasile Goldis" Vest University of Arad
Level in national or international classification	Specialization
Level in national or international classification	Specialization
Dates	10.2007 – 07.2008
Title of qualification awarded	Master Diploma
Principal subjects/occupational skills covered	Pharmacognosy, Pharmacokinetics, Pharmacology, Pharmaceutical technology, Pharmaceutical legislation; Deepeningskills end obtaining pharmaceutical forms on laboratory end on receipt.
Name and type of organisation providing education and training	University of Oradea, Faculty of Medicine and Pharmacy, Speciality Pharmacy, Pharmacognosy, Pharmacokinetics and Pharmacology Master,
Level in national or international classification	Specialization
Level in national or international classification	Specialization
Dates	10.2006 – 03.2008
Title of qualification awarded	Master Diploma (Certificate of graduation - nr. 335/10.07.2008)
Principal subjects/occupational skills covered	Conservation of forest genetic resources, forest ecology, Fish science, Geodesy and topography, In vitro culture of forest species, Modern biotechnology; Deepening knowledge in forestry,
Name and type of organisation providing education and training	University of Oradea, Faculty of Environmental Protection, Department Forestry, Master of Sustainable Management of Forest Genetic Resources
Level in national or international classification	Specialization
Level in national or international classification	Specialization
Dates	10.2003 – 09.2007
Title of qualification awarded	Diploma pharmacist - nr. 329/11.07.2008, series A1, nr. 0053004

Principal subjects/occupational skills covered	Pharmaceutical Botany, Biophysics, Analytical Chemistry, Pharmaceutical Chemistry, Pharmacognosy, Pharmacokinetics, Biochemistry, Pharmaceutical Law, Drug industry; Deepening knowledge in pharmaceutical and build skills for the profession of pharmacy
Name and type of organisation providing education and training	University of Oradea, Faculty of Medicine and Pharmacy, Speciality Pharmacy
Level in national or international classification	pharmacist
Dates	03.1994 – 10.2003
Title of qualification awarded	Ph.D. in Horticulture - Plant Breeding and Genetics Specialization doctor Diploma– nr. 95/30.09.2004, series C, nr. 0009120
Principal subjects/occupational skills covered	Species and Genetics Improvement of flower, flower special physiological; Gaining knowledge on establishment an experience, make observations, calculate statistical parameters, interpretation of results, preparation of essays and a thesis paper
Name and type of organisation providing education and training	Banat's University of Agricultural Sciences and Veterinary Medicine, Timisoara, Faculty of Horticulture , Department of Genetics, Aradului Street no. 119, cod 300645
Level in national or international classification	Ph.D. in Horticulture - Plant Breeding and Genetics Specialization
Dates	09.1987 – 07.1992
Title of qualification awarded	Engineer Diploma in Horticulture, Floriculture Specialization ; Diploma of Engineer – nr. 803/06.07.1993, seria J, nr. 33028
Principal subjects/occupational skills covered	Chemistry, Biophysics, Soil Science, Ecology, Genetics, in vitro culture, Biotechnology vegetable, Floriculture, Landscape Architecture and more
Name and type of organisation providing education and training	University of Craiova, Faculty of Horticulture , Blv. A. I. Cuza 13, Craiova, Dolj
Level in national or international classification	horticultural engineer
Date	09.1978 – 06.1982
Title of qualification awarded	Forestry technician Baccalaureate degree– nr. 620/22.07.1982, series A, nr. 121225
Principal subjects/occupational skills covered	Dendrology, forestry, hunting and fish science , afforestation
Name and type of organisation providing education and training	Forest High School Timisoara, Aleea Padurea Verde, Timisoara, Timis
Level in national or international classification	forestry technician

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (*)

French Language

English language

Understand		Talk		Write
Listen	Reading	Speaking	Speech	Write
A2	A2	A2	A2	C1
C2	C2	C2	C2	C2

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

Social skills and competences	<p>Membership in national and international scientific societies;</p> <p>-scientific societies in the country;</p> <ul style="list-style-type: none"> -National Society of Cell Biology (SNBC), Bucharest, 1995, -Romanian Association of cell cultures and plant tissues, Cluj-Napoca, 2004, -Multidisciplinary Association for Research in the area west of the country (ACM-V), Timisoara, 2004, -Friends of Roses Association in Romania, 2005 -Romanian Society of Horticulture (SRH), 2007, -National College of Pharmacists, Romania (CNFR), 2007, <p>-foreign scientific societies;</p> <ul style="list-style-type: none"> -International Society of Horticulture, 2009, -Eucarpia, 2009.
Organisational skills and competences	<p>Research coordinator;</p> <ul style="list-style-type: none"> - Organizer of experiences, - Coordinator of personnel involved in research, - In charge of economic activities in research contracts, <p>Director contractual since 2009</p>
Technical skills and competences	<p>techniques for obtaining preparations and optical microscopy, himself,</p>
Computer skills and competences	<p>PC-use editing programs, image analysis, statistical analysis, self</p>
Artistic skills and competences	<p>Organized and executed flower exhibitions in the University of Craiova,</p> <p>Organized and executed exhibition of landscape and flowers at USAMVB in Timișoara</p>
Other skills and competences	<p>Elaborations obtaining laboratory and pharmaceutical formulations based on medical prescriptions prescribed lines, knowledge and skills acquired in undergraduate and postgraduate studies,</p> <ul style="list-style-type: none"> - patent pending at variety VALERIA de Saintpaulia ionantha Wendl.co-author with Prof.h.c.dr. Butnaru Gallia și C.P.II Dr. Baciuc Anca,
Driving licence	<p>-B</p>

Additional information

Member in research projects:

- 2007-2008 MATNANTECH (Nr. proiect: 259 CEEX), Obtaining of TiO₂ nanocrystals doped with metal ions by alternative methods. Study of applications for health, biology and environment, CNMP
- 2007-2008 INTERREG III.A (HU-RO-SCG-1/206), Development of scientific cooperation for the application of modern plant breeding techniques, Phare CBC
- 2008-2011 TRICHOAS (Nr. proiect: 52158), Research for identification of *Trichogramma* bioforms from agro-and-forest ecosystems, impact and management of bioactive nanomaterials introduction in multiplication technology of the oophagus, CNMP
- 2008-2011 POLMEDJIU (Nr. 32150), Evaluate the impact of pollution and climate change on biodiversity and socio-economic status of population in the middle basin of the Jiu, CNMP
- 2009- 2011 HURO/0801/133, Cross-border cooperation in sustainable agricultural research and education via improvement of stress resistance of wheat, FEDR- Collaboration with „Grain Research Non-Profit Limited Company, Szeged, Hungary”,

Scientific publications:

1. Butnaru Gallia, **Sărac I.**, Blidar A., 2005, Assessment of genetic diversity in tomato landraces from Banat, XV –th Meeting of the Eucarpia tomato Working 2005, Bary, Italia,
2. Butnaru Gallia, Purnhauser L., **Sărac I.**, 2007, The molecular diversity induced by nanomagnetic compounds, 25 th Anniversary of the Romanian Society for Cell Biology jointly with the International Symposium from basic Science to Therapeutic Application,
3. Ivan Alexandra, **Ioan Sărac**, Hildegard Herman, Emilia Buzdugan, Gallia Butnaru, The molecular polymorphism on *Nicotiana Tabacum* second generation of NM-plants, XXV. Annual Scientific Session of the National Society of Cell Biology, Bucharest, June 7-10, 2007, 28,
4. Gallia Butnaru, Laszlo Purnhauser, **Ioan Sarac**, Alexandra Ivan, Hildegard Herman, The phenotype and molecular diversity induced by nanomagnetic compounds, XX. International Congress of Genetics, Genetics-Understanding living systems, Berlin 2008,
5. Corneanu Mihaela, Corneanu G.C., Nețoiu C., Hernea Cornelia, Butnaru Gallia, Poșta Daniela, **Sărac I.**, Grădinaru M., Niculescu Mariana, 2008, Studies on the variability of *Robinia pseudacacia* L. genotypes of South Romania, XX International Congress of Genetics 12 – 17. 07. 2008, Berlin, Germany,
6. Corneanu Mihaela, Corneanu G.C., Hernea Cornelia, Niculescu Mariana, Nețoiu C., Poșta Daniela, **Sărac I.**, Petcov Andreea, 2008, Studies of the flower and leaves variability in *Robinia pseudacacia* L. genotypes of South Oltenia, Analele Universității din Craiova, seria Agricultură, (Montanologie, Cadastru),
7. Butnaru Gallia, **Sărac I.**, Nicolae F., Atudosie N., Ciulca S., 2008, Germination responses of four autumn Durum varieties to NaCl and Na₂CO₃ stress, The Durum wheat chain „International Durum wheat Symposium,, Bologna, Italy, 30.06 – 03.07. 2008, pag. 169,

Participations to the international scientific conferences

- Participation in the topic: „The quality of pharmaceutical products - present and perspectives “supported by Prof. Dr. D. Lupuleasa, Timișoara 01. 22. 2009 credited by the College of Pharmacists in Romania with 8 credits E.F.C., as address no. 11 din 26. 01. 2009. (certificate no. 416),
- Participating in "News in the implementation analysis, efficacy / toxicity of plant compounds with anti-inflammatory, antitumor and antioxidant", held at the Faculty of Pharmacy, Toxicology discipline within UMF Victor Babeș Timișoara, Timișoara 02.12 – 14. 2009 credited by the College of Pharmacists in Romania with 20 credits E.F.C., as address no 192 din 31. 07. 2008. (certificate no. 2074),
- Participation in the topic: „Efficiency occasionally combined fight against risk is due to "sustained in the Faculty of Pharmacy, the U.M.F.Victor Babeș Timișoara, Timișoara, . 03. 06. 2009 credited by the College of Pharmacists in Romania with 8 credits E.F.C., as address no. 48 din 02. 03. 2009. (certificate no. 34),
- Participation in the topic: „New solutions to everyday practice natural therapeutic specialist doctor” supported on 05.14-15.2009, in Constanța, credited by the College of Pharmacists in Romania 6 credits E.F.C., as address no. 104 din 13. 05. 2009. (certificate nr. 17),
- participation in Annual Session of the Romanian Society of Cell Biology Bistrița . 06. 11-14. 2009, credited by the College of Pharmacists in Romania, 12 credits E.M.C., as address no. 2827 from 10.06.2009,
- Participation in the topic: „Apiterapia” from 02.26-28.2010, held at the Faculty of Pharmacy, the U.M.F. Victor Babeș Timișoara, credited by the College of Pharmacists in Romania, 20 credits E.F.C.as address no. 104 din 13. 05. 2009. (certificate nr. 17)
- participation in the International Conference- Natural and artificial Ecosystems in the Someș-Criș-Mureș-Tisa river basin held at the University of Western Vasile Goldiș from Arad,In the period 05.07.-08. 2010,
- participation in the celebration of 20 years of science, quality and performance, held at the University of Agricultural Sciences and Veterinary Medicine of Banat Timișoara, Faculty of Horticulture and Forestry, during 06 02.-04. 2010,
- Participation in summer school-Pathologie et Molecularies Pharmacology. Biotechnologies held in the West University of Arad Vasile Goldiș, 05.-17. 07.2010 period, credited by the College of Pharmacists in Romania with 40 credits EFC, according to the address no. 111 of 25. 06. 2010,
- Participation in the National Congress of Pharmacy in Romania, XIV edition of the University of Medicine and Pharmacy of Targu M ureș, 10.13-16. 2010 period, credited by the College of Pharmacists in Romania with 40 credits EFC, according to CFR address no. 49 of 01. 03. 2010;
- Participation in the therapeutic options in addressing the topic of heart failure and high blood pressure-supported in the Faculty of Pharmacy, the Pharmacy Victor Babes Timisoara, Romania credited by the College of Pharmacists of 4 credits EFC as CMRnr address. 5130 of 10.18. 2010. (certificate 4/18.10.2010).
- Closing conference of the project “Cross-Border cooperation in sustainable agricultural research and education via improvement of stress resistance of wheat” – HURO/0801/133, Timișoara, February 25, 2011,
- Workshop “Cell and Water”, 3rd International Congress of the Romanian Society of Cell Biology, West University “Vasile Goldis”, Arad, 8-11 June, 2011,
- The First World Congress on Water Channel Proteins (Aquaporins and Relatives) Celebrating the 25th Anniversary of the Discovery of the First Water Channel Protein (Later Called AQUAPORIN 1), Cluj-Napoca, October 27-29, 2011

Timisoara,
28.06.2012

Conf.Dr.SARAC IOAN

