

Curriculum vitae



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| Curriculum vitae |  |
| Europass | |
| Personal information | |
| Name and surname | ISTRATE MIHAI |
| Address | Iasi- Romania, Sos. Nicolina Street, nr.9, Bl. 936, Sc. A, Et. VI, Ap. 21, 700722, |
| Phone | 0040741690812 |
| E-mail | mistrate@uaiasi.ro |
| Date of birth | 07.11.1960 |
| Sex | male |
| Occupational field | Higher education, education-training, research |
| Professional Experience | |
| Period | 2007 - present |
| Function or position held | University professor, Director of the Distance Learning department of the Faculty of Horticulture (2004-2014), Vice Dean of the Faculty of Horticulture (2014-2016; 2020-2021), PhD supervisor since 2016. |
| Activities and main responsibilities | Teaching and scientific research activities, guidance of doctoral theses and research projects Elaboration of documentation for the establishment of fruit plantations, consultancy in fruit growing 2001-2007 Associate Professor 1995-2001 Lecturer |
| Name and address of employer | University of Agricultural Sciences and Veterinary Medicine Iasi, Faculty of Horticulture, 3, M. Sadoveanu, Iasi, 700490 |
| Type/Sector of activity | Teaching activity, scientific research; academic administration |
| Period | 1984-1995 |
| Function or position held | 1984-1986 - trainee engineer at Farm no. 2 Maxut and S.C.P.P. IASI 1987-1992 - research engineer in the genetics and breeding laboratory of the S.C.P.P. IASI 1992-1995 - scientific researcher in the genetics and breeding laboratory of the S.C.P.P. IASI -1990-1994 and 2002-2004 - I also fulfilled the position of scientific secretary of S.C.P.P Ia i |
| Activities and main responsibilities | Fruit technology, scientific research, scientific secretariat, fruit growing consultancy |
| Name and address of employer | Research-Development Station for Fruit Growing Ia i, os. Voine ti no. 175 |
| Type/Sector of activity | Scientific research and technological development in fruit growing |
| Education and Training | |
| Period | 1991-1999 |
| Qualification/diploma obtained | PhD in agriculture and horticulture, specializing in fruit growing |
| Main subjects studied/ professional skills interest | Fruit growing, Plant physiology, Horticultural plant breeding. specialist in fruit growing, production of fruit planting material, improvement of horticultural plants |

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| Name and type of institution education/training provider | Bucharest Academy of Agricultural and Forestry Sciences | | | | |
| Level in the national classification or international | Doctoral studies | | | | |
| Period | 1980-1984 | | | | |
| Qualification/diploma obtained | Engineering degree in Horticulture | | | | |
| Main subjects studied/ professional skills interest | Fruit growing, Viticulture, Vegetable growing, Floriculture, Oenology, Pedology, Agrochemistry, Land improvements Theoretical and practical knowledge of horticulture | | | | |
| Name and type of institution education/training provider | Iași Agronomic Institute, Faculty of Horticulture; | | | | |
| Level in the national classification or international | Higher education | | | | |
| Period | 1976-1979 | | | | |
| Qualification/diploma obtained | Diploma of horticultural technician | | | | |
| Main subjects studied/ professional skills interest | Fruit growing, Viticulture, Vegetable growing, Floriculture, Oenology, Pedology, Agrochemistry, Land improvements Theoretical and practical knowledge of horticulture | | | | |
| Name and type of institution education/training provider | Huși Agroindustrial High School | | | | |
| Level in the national classification or international | Secondary specialized studies | | | | |
| Specializations | | | | | |
| May 22-June 3, 2007 | Training courses for trainers under the MAKIS program, held at Bygholm Agricultural College - Denmark, graduated with a diploma issued by the National Center for Agricultural Consultancy in Denmark | | | | |
| 07.09.2007-17.09.2007 | Training course at the Joint Institute of Nuclear Research, Dubna, Russia | | | | |
| 25.08.2008-30.08.2008 | Specialization at the University of Agriculture in Krakow, Poland, participation in the XXXVIII ESNA Congress | | | | |
| Personal skills and competences | | | | | |
| Mother language | Romanian | | | | |
| Foreign language | French English | | | | |
| Autoevaluation | Understanding | | Speech | | Writing |
| <i>European level (*)</i> | Listening | Read | Spoken | Listing | Read |
| <i>French language</i> | C2 | C2 | B1 | B1 | B1 |
| <i>English language</i> | B1 | B1 | B1 | B1 | B1 |
| | (*) Level of the Common European Framework of Reference for Languages | | | | |
| Social skills and competences | communication ability and sociability, inter-relationship skills | | | | |
| Organizational skills and competences | ability to adapt and work in a team, with the distribution of tasks between team members; experience in university and project management | | | | |
| Technical skills and competences | technical skills in implementing experimental protocols; educational activity management; performing expertise, extension and demonstrations in the field of fruit growing | | | | |
| Skills and computer use | PC / Microsoft Office user - Word, Excel, Power Point; Internet | | | | |
| Other skills and competences | | | | | |
| Driver license | Category B, since 2007 | | | | |
| Additional information | Include here any other useful information that has not been mentioned before, for example: contacts, references, etc | | | | |

Managerial experience as: director or manager in research / professional training projects

In the last 10 years I have participated in 13 projects, of which 9 projects, funded by national and European funds, I had the quality of coordinating director or partner team director and I was part of 4 research teams, as a member.

1. Study on the influence of the new cherry assortment on the sustainable development of pomoecosystems through the efficient capitalization of the ecopedological resources in the N-E of the country.
2. Research on the reorganization and restoration of the agro-productive potential of the fruit plantations in the N-E of Romania, in correlation with the new agrarian structures and the principles of sustainable agriculture.
3. Quality assurance and development of an early warning system for microbial spoilage for the European fruit juice industry.
4. Evaluation of the agrobiological potential of new varieties and hybrids of cherry in order to improve the national assortment, to capitalize on natural resources in sustainable agriculture
5. Obtaining, physico-chemical and biological characterization of some glycoside-steroidal biopreparations of vegetable origin-GLIOBIOACT
6. Genetic and biochemical research on the process of improving the assortment in order to increase agro-productivity and quality in cherries
7. Research on the development of organic products to increase graft compatibility and better subsequent development of horticultural species
8. Capitalizing on the biodiversity of spontaneous flora in Romania in order to enrich the assortment of ornamental plants - BIODIVDECOR
9. Research on the significance of the relationship between genomic response, phenolpropane metabolism and photosynthesis under conditions of abiotic stress to optimize the biosynthetic potential of raspberry and blackberry varieties
10. Romania-Republic of Moldova pilot cross-border center for research and development of organic agricultural production
11. Vegetable mat suitable for improving agroecosystem conditions in intensive apple orchards

Duties and administrative activities at faculty and university level

- Vice Dean of the Faculty of Horticulture
- 2014-2016 Faculty Council
- 2004-2016 Director of Department ID 2004-2014

Professional prestige at national and international level

International conference organizer

The fruit growing seminars, Establishment and maintenance of fruit plantations in Romania organized by U.S.A.M.V. Iasi in collaboration with the Embassy of the Kingdom of the Netherlands in Romania, November 27, 2014

Member of organizations / bodies / professional / scientific

- Romanian Horticultural Society
- "Friends of Roses" Association
- Romanian Inventors Society, Iasi branch Romanian
- National Society of Fruit Growers
- "European Society for New Methods in Agricultural Research"

Development of cooperation with research organizations / universities abroad

Awards

PATENTS

1. Short-term patent MD 342 Z 2011.10.31 Iurea Dorina (RO), Chintea Pavel (MD), Mangalagiu Ionel (RO), Munteanu Neculai (RO), **Istrate Mihai** (RO), Cotenco Eugenia (MD), Iurea Roxana -Ionela (RO)
2. Gradinariu G., Apostol V., Gradinariu Sanda-Felicia, **Istrate Mihai** - Certificate no. 2096 / 18.03.2014 ISTIS, regarding the homologation of the Walnut variety "**Gradinar**"
3. Iurea Dorina (RO), Mangalagiu Ionel (RO), Munteanu Neculai (RO), Mustea Mihai (RO), Chintea Pavel (MD), Chirilov Alexandru (MD), Cotenco Eugenia (MD), Iurea Pavel (RO), Iurea Roxana-Ionela

(RO), Sîromeatnicov Iulia (MD), **Istrate Mihai** (RO), Chirilov Eleonora (MD) .- Diploma for the use of steroidal glycosides in agricultural crops -Silver medal, Info Invent, Chisinau, Republic of Moldova

Fields of research

- Technologies of fruit species;
- Evaluation of the biological and agro-productive potential of the varieties of fruit trees and shrubs;
- Fruit ecology and physiology;
- Creating varieties of fruit trees and shrubs. competences
- Fruit growing and fruit technologies
- Pomology and improvement of the fruit assortment
- Production of fruit seedlings

Other mentions PhD supervisor since 2016, Horticulture field, fruit growing specialization, with 5 doctoral students in guidance

Visibility through the prism of scientific publications

- textbooks and university books in prestigious publishing houses - 8;
- practical work supervisor - 3;
- scientific papers in journals listed ISI - 7
- scientific papers in journals included in BDI - 70
- scientific papers in the volumes of international conferences - 21
- scientific papers in the volumes of national conferences - 33;
- Total number of citations in ISI journals (excluding self - citations): 5

17.03.2021

Signature,

