



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **KIRIL BAHCEVANDZIEV**
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 Nationality **Portuguese**
 Date of birth **26 May 1959**
 Gender **Male**

PROFESSIONAL AND INSTITUTIONAL EXPERIENCE

COIMBRA POLYTECHNIC – COLLEGE OF AGRICULTURE

2014 – today Member of the Assembly of Representatives
2008 – today Coordinator of the BSc Course in Biotechnology (LBIOT)
2006 – 2007 President of the Pedagogic Council.
2006 – 2016 Member of the Pedagogic Council
2005 – today Associate Professor with permanent status
2005 – 2008 Co-coordinator of the BSc Course in Biotechnology (LBIOT)
2004 – 2008 Sub-Director of BSc in Engineering of Agruculture and Animal Science Course (LEAP)
1995 – 2004 During this period was an assistant professor at the ESAC, elected as a Associate Professor, Responsible for the International relationships, Secretary of the Scientific Council, Secretary of the Portuguese Society of Horticulture

AZORES UNIVERSITY – DEPARTMENT OF AGRICULTURAL SCIENCES

1994 - 1995 Assistant
1992 - 1993 Project Consultor in Education and Agriculture

PROFESSIONAL AGRICULTURAL COLLEGE BEIRA AGUIEIRA

1990 – 1992 Teacher and responsible for different projects in education and plant production

SS. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE (REPUBLIC OF MACEDONIA)

1985 – 1987 Assistant

SKOVIN – SKOPIE (REPUBLIC OF MACEDONIA)

1985 - 1985 Supervising Technician in Viticulture

Education and training

- 2003 PhD "Characterization of the resistance to downy mildew (*Peronospora parasitica* (Pers. ex. Fr.) Fr.) in cotyledonary stage of *Brassica oleracea*", Instituto Superior de Agronomia, Technical University of Lisbon.
- 1992 MSc "Genetic parthenocarpy in Pepper and Eggplant" M.A.I.Ch. do ICAMAS-CIHAEM (International Centre for Advanced Mediterranean Agronomic Studies), Chania, Greece
- 1987 – 1988 Specialization study as a part of MSc course at M.A.I.Ch. (Mediterranean Agronomic Institute of Chania-Grécia) with a title: " Male sterility systems and its use in plant breeding"
- 1984 BSc in Agriculture at the Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE (FYR OF MACEDONIA)

Complementary Education

The most relevant courses from 10 attended

Course on Biological and Biochemical Applications of Massive Parallel DNA Sequencing (Advanced Molecular Genomics Course), organized in BIOCANT, Cantanhede (2008); Course on Molecular Methods to study complex Microbial Communities, organized by the Department of Biology, University of Aveiro (2008); Course "The potentials and applications of the Aromatic and Medicinal Plants", organized by the Center of Plant Biology, Faculty of Science, University of Lisbon (2006); Course "Recent Advances in Plant Biology from stress and oxygen radicals to programmed cell death and senescence", in IBMC organized by the University of Porto (1999).

Academic activity

Main professor and responsible for different subjects in BSc and MSc courses

2008 - today

Plant productivity, Conservation of plant Genetic Resources (MSc)

1985 - today

Genetics, Plant Biotechnology, Genetic Engineering, Introduction to Biotechnology, Plant Tissue Culture, Floriculture and Gardening, Horticulture, Plant Breeding, Arable Crops, Applied Biology, Plant Production, Agricultural Production, General Agriculture (BSc)

Academic activity as Invited professor

UNIVERSITY HAS DEN BOSCH (HOLLAND); SCOTTISH AGRICULTURAL COLLEGE OF ABERDEEN (SCOTLAND); UNIVERSITY OF TORINO (ITALY); POLYTECHNIC INSTITUTE OF CASTELO BRANCO, AGRICULTURAL UNIVERSITY OF PLOVDIV (BULGARIA); UNIVERSITY OF LIFE SCIENCE BYDGOSZCZ (POLAND); UNIVERSITY OF LIFE SCIENCE POZNAŃ (POLAND); UNIVERSITY OF LIFE SCIENCE BRNO (CZECH REPUBLIC); UNIVERSITY OF LJUBLJANA (SLOVENIA); NAMIK KEMAL UNIVERSITY (TURKEY); UNIVERSITY GOCE DELCEV STIP (REPUBLIC OF MACEDONIA) COLLEGE OF AGRICULTURE, LATVIA UNIVERSITY OF AGRICULTURE (LATVIA), UNIVERSITY OF NAPLES FEDERICO II (ITALY).

Publications and Communications

Between 30 publications and congress communications (some are in publishing and not mentioned below), the most recent ones

Bahcevandziev K., Santos P., Silva L. D., Pereira L. Study of seaweed extracts as Bio-fertilizer to stimulate plant development of lettuce and tomato. 3rd International Symposium for Agriculture and Food ISAF 2017 18-20 October 2017 Ohrid, Republic of Macedonia (oral).

Silva, L.D., Bahcevandziev, K., & Pereira, L. (2016). Use of seaweed extracts from *Sargassum muticum* and *Ascophyllum nodosum* (Phaeophyceae) as a possible fertilizer. **Oral communication**. 24th International Symposium of the Scientific Centre for Fertilizers, "Plant nutrition and fertilizer issues for specialty crops", September 6-8, Coimbra, Portugal.

Y. Takahashi, K. Bahcevandziev & P.M. Moreira. Fieldwork of Agriculture Science in North Portugal. The Proceedings of JSME annual Conference on Robotics and Mechatronics (Robomec). 2015 1A1-Q07 (1 - 3). ISSN : 2424-3124

Bahcevandziev, K., M.S. Silva & A.A. Monteiro. Histological characterization of downy mildew (*Hyaloperonospora brassicae*) resistance in Portuguese cabbage (*Brassica oleracea* var. *trunchuda*). European Journal of Plant Pathology. 2015, Volume 141, Issue 1, pp 199-207. DOI: 10.1007/s10658-014-0522-6

Bahcevandziev, K., Pinto, I., Semião, M., Mota, P. & Trindade, H. Quantification of the DNA content in different accessions of *Thymus caespitosus*. Discourse Journal of Agriculture and Food Sciences, 2014, Vol. 2(10): 277-283. ISSN: 2346-7002

- Bahcevandziev K., Almeida A. S., Pinto I., Semião M., Oliveira M., Negrão S. Production of rice breeding lines through doubled haploids. **Poster presented at** Plant Physiology and Genetics – Achievements and Challenges, 24-26 September 2014, Sofia, Bulgaria, 2014, p.68.
- Bahcevandziev, K., M. Semião, I. Pinto and S. Negrão. In vitro production of double haploid plants from *Oryza sativa*. **Poster presented at** VIII International Symposium on In Vitro Culture and Horticultural Breeding. June 2-7, 2013, Coimbra (Portugal)
- Bahcevandziev, K., M. Semiao, I. Pinto , M. M. Oliveira and S. Negrao. Doubled haploids as a tool for rice breeding. **Poster presented at** XIII Congresso Luso-Espanhol de Fisiologia Vegetal.2013.p134
- Lima,AS, Bahcevandziev, K, Figueiredo, AC, Pedro,LG, Barroso, JG, Trindade, H. Volatiles stability of field propagated *Thymus caespititius* chemotypes. **Poster presented at** 43rd International Symposium on Essential Oils (Lisboa, 5 – 8 de Setembro, 2012. P:129.
- Bahcevandziev K, Espirito Santo C, Costa JR, Mota P. Microalgae: promising source in the production of carotenoids and essential oils. **Poster presented at** 43rd International Symposium on Essential Oils (Lisboa, 5 – 8 de Setembro, 2012, p. 205.
- Espirito Santo, C. , Costa, J. , Mota,P. and K. Bahcevandziev. Avaliação do efeito do meio de cultivo no teor e perfil lipídico das microalgas *Haematococcus pluvialis* Flotow, *Chlamydomonas sp. ehrenberge* e *Oocystis sp. Nageli*. **Poster presented at** III Workshop de Biotecnologia; Aveiro, 9 Maio 2012, p: 14-15
- Kiril Bahcevandziev, A. Sofia Lima & Helena Trindade. Estimation of nuclear DNA content in various chemotypes of *Thymus caespititius* Brot. (Lamiaceae) by flow cytometry. **Poster presented at** Food and Agriculture COST Action FA1006, *Plant Metabolic Engineering for High Value Products, 1st Annual Conference, Murcia (Espanha) 17-18 November 2011, p: 28*
- Flávia Jorge, Luís Coelho, Kiril Bahcevandziev & André Martins. Avaliação pós-colheita de oito variedades de rosa (*Rosa spp.*) em 3 soluções de conservação em jarra. V *Jornadas Ibéricas de Horticultura Ornamental, 2011, Actas da APH nº 19, p: 219-228.*
- Bahcevandziev, K., Guilherme, R., Melo,F., P. Mota & Trindade, H. Estudo preliminar de quimiótipos de *Thymus caespititius* com recurso à técnica de citometria de fluxo. 3º Colóquio Nacional de Horticultura Biológica e 1º Colóquio Nacional de Produção Animal Biológica, Braga, 22-24 Setembro 2011. Actas da APH, nº 17, p: 48-51.
- Branca, F., Bahcevandziev, K., Petricone, V. And A. Monteiro 2005: "Sources of resistance to downy mildew (*Peronospora parasitica* (Pers. ex. Fr.) Fr.) in Sicilian germplasm of cauliflower and broccoli". *Biodiversity and Conservation* 14: 841-848, 2005.
- Monteiro, A. A., Coelho, P. S., Bahcevandziev, K. and L. Valério: "Inheritance of downy mildew resistance at cotyledon and adult-plant stages in 'Couve Algarvia' (*Brassica oleracea* var. *tranchuda*)". *Euphytica* XXX: 1-8, 2004.

Research Projects

Participation in research projects (between 17, the most recent)

- | | |
|--------------------|--|
| 2016 - now | Application of molecular markers (RAPD, ISSR), High Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) for the analysis of genetic stability and secondary metabolites in plants regenerated via somatic embryogenesis in <i>Echinacea purpurea</i> (L.) Moench (Institutional cooperation, Portugal and Poland) |
| 2015 – 2016 | Application of molecular markers (RAPD, ISSR), High Performance Liquid Chromatography (HPLC) and Gas Chromatography (GC) for the analysis of genetic stability and secondary metabolites in plants regenerated via somatic embryogenesis in <i>Echinacea purpurea</i> (L.) Moench (Institutional cooperation, Portugal and Poland) |
| 2010 – 2015 | Participation as team member - PRODER "Rede de Informação Estratégica Agrícola: Melhoria de Competitividade do Sector Agrícola e Florestal" IPCoimbra, IPLeiria |
| 2010 – 2015 | Participation as team member - PRODER "HelioAgro: Energia Solar Térmica ao Serviço da Agricultura" EPADRV, ESAC, Universidade de Oslo (Noruega), Universidade de Aveiro |
| 2009 – 2013 | Participation as team member - PTDC "Breeding for salinity tolerance in rice and identification of key genes/proteins affecting seed set under salt stress" ITQB/UNL, ESAC, IRRI (International Rice Research Institute, Philippines) |
| 2009 – 2013 | Participation as team member - PTDC " <i>T.caespititius</i> chemotypes: molecular, genetic and biotechnological approaches to understand chemical polymorphism" FFC/FC/UL ESAC/IPC ITQB/UNL, IBB (Institute for Biotechnology and Bioengineering) |

- 2005 – 2008 Participation as team member - POCI/AGR/56755/2004, PEPAGENE - “Resistance to brassica downy mildew via an avirulence gene expression approach” (ISA-UTL and FC-UL).

Courses and Congresses

Has organized more than 7 training courses and has been present in more the 40 national and International Congresses and Meetings, presenting communications and/or participating in project proposals. Made part of the organizing comitee of the VIII International Symposium on In Vitro Culture and Horticultural Breeding, helt in Coimbra, 2013.

Scientific Societies Member of National and International Scientific Societies

2010 - 2012 Portuguese Society for Plant Physiology

2000 – 2012 European Association for Research on Plant Breeding (EUCARPIA)

1995 – today International Society for Horticultural Science (ISHS)

1993 - 2003 American Society for Horticultural Science (ASHS)

1991 - today Portuguese Society for Horticulture (APH)

Personal skills and competences

Mother language(s) **MACEDONIAN (MOTHER LANGUAGE) AND PORTUGUESE (WORKING AND PROFESSIONAL LANGUAGE)**

Other language(s)

Self-assessment

European level (*)

Language

Language

Language

| Understanding | | | | Speaking | | | | Writing | |
|---------------|----------|---------|----------|--------------------|----------|-------------------|----------|---------|----------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C2 | English | C2 | English | C2 | English | C2 | English | C2 | English |
| C2 | Serbian | C2 | Serbian | C2 | Serbian | C2 | Serbian | C2 | Serbian |
| C2 | Croatian | C2 | Croatian | C2 | Croatian | C2 | Croatian | C2 | Croatian |
| B2 | Spanish | B2 | Spanish | B1 | Spanish | B1 | Spanish | A2 | Spanish |

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Use sport and plays (still) football and basketball

Organisational skills and competences Was an Administrator of the building where lives

Technical skills and competences Enjoys home working, painting and breakage

Computer skills and competences Use many different programs, also for teaching and communication

Driving licence N° C-4712028, emitted by the Direcção Geral de Viação de Centro

Additional information

Member of an Editorial Board of University Bulletins and Peer-Reviewer of the Annals of Agricultural and Environmental Sciences, Plant Cell, Tissue & Organ Culture, Plant Biotechnology Journal, World Journal of Agricultural Research, African Journal of Plant Science, **Journal of Agriculture and Plant Sciences**, Industrial Crops and Products, Acta Universitatis.