

# Europass Curriculum Vitae



## Personal information

Surname / First name

**Dr. BÁZÁR György (George)**

Permanent address

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Nationality

Hungarian

Date of birth

26 March 1981

## Work experience

Dates

2018 –

Occupation or position held

### Head of Research

Main activities and responsibilities

Research and development in near-infrared spectroscopy and instrumental aroma measurement. Leading the professional and financial activities of the Correltech® Laboratory. Designing and conducting research projects; Publishing scientific discoveries; Preparing patents; Technical advisory

Name of employer

ADEXGO Kft., 9021 Győr, Sarkantú köz 5., Hungary

Type of business or sector

Research and Development (Agriculture, Food Science & Technology)

Dates

2020 – 2020

Occupation or position held

### Senior research fellow

Main activities and responsibilities

Leading research projects, development of non-destructive methods for qualification of agricultural and food products; Preparation of scientific publications; Education of undergraduate and graduate students.

Name of employer

Szent István University, Kaposvár Campus, Faculty of Agricultural and Environmental Sciences, 40 Guba Sándor street, 7400 Kaposvár, Hungary

Type of business or sector

Science and Education (Agricultural and Life Sciences)

Dates

2018 – 2020

Occupation or position held

### Senior research fellow

Main activities and responsibilities

Contribution to the GINOP-2.3.4-15-2016-00005 project, “Development of agricultural technologies adapted to the climatic changes among intensive production, to achieve sustainable agriculture and food production”

Name of employer

Kaposvár University, Faculty of Agricultural and Environmental Sciences, 40 Guba Sándor street, 7400 Kaposvár, Hungary

Type of business or sector

Science and Education (Agricultural and Life Sciences)

Dates

2017 – 2018

Occupation or position held

### Research fellow

Main activities and responsibilities

Contribution to the GINOP-2.3.4-15-2016-00005 project, “Development of agricultural technologies adapted to the climatic changes among intensive production, to achieve sustainable agriculture and food production”

Name of employer

Kaposvár University, Faculty of Agricultural and Environmental Sciences, 40 Guba Sándor street, 7400 Kaposvár, Hungary

Type of business or sector

Science and Education (Agricultural and Life Sciences)

	<b>Dates</b>	2016 – 2017
Occupation or position held		<b>Head Scientist</b>
Main activities and responsibilities		Near infrared (NIR) spectroscopic research and development. Participation in designing and conducting international NIR researches, hardware and method development; Publishing scientific discoveries; Helping file patents and liaison with patent lawyer; Exchange ideas and strategies with Scientific Advisors, Head of R&D, CTO, and CEO; Train and Educate
Name of employer		Tellspec Ltd., 7B Pleasant Blvd Suite 991, Toronto, Ontario, M4T 1K4, Canada
Type of business or sector		Research and Development (Food Science & Technology)
	<b>Dates</b>	2015 – 2017
Occupation or position held		<b>Research fellow</b>
Main activities and responsibilities		Responsible for development of near infrared (NIR) spectroscopy, electronic nose and tongue technique, planning and operation of measurements, data analysis and evaluation of models. Development of non-destructive methods for qualification of agricultural and food products; Preparation of scientific publications; Education of undergraduate and graduate students; Development of education programs; Coordination and development of international collaborations
Name of employer		Kaposvár University, Faculty of Agricultural and Environmental Sciences, Department of Nutritional Science and Production Technology 40 Guba Sándor street, 7400 Kaposvár, Hungary
Type of business or sector		Science and Education (Agricultural and Life Sciences)
	<b>Dates</b>	2012 – 2014
Occupation or position held		<b>Postdoctoral research fellow</b>
Main activities and responsibilities		Near infrared (NIR) spectroscopy, Aquaphotomics. Development of applications in animal husbandry; Development of advanced data evaluation methods; Preparation of scientific publications; Education of undergraduate and graduate students
Name of employer		Kobe University, Graduate School of Agricultural Science, Biomeasurement Technolgy Laboratory, 1-1 Rokkodai, Nada-ku, Kobe 657-8501, Japan
Type of business or sector		Postdoctoral Research Fellowship of the Japan Society for Promotion of Science (JSPS) Science and Education (Agricultural and Life Sciences)
	<b>Dates</b>	2011 – 2012
Occupation or position held		<b>Research assistant</b>
Main activities and responsibilities		Responsible for development of near infrared (NIR) spectroscopy and electronic nose and tongue technique in food science, planning and operation of measurements, data analysis.
Name of employer		Kaposvár University, Faculty of Animal Science, Department of Agricultural Product Processing and Qualification, Laboratory of Product Qualification 40 Guba Sándor street, 7400 Kaposvár, Hungary
Type of business or sector		Science and Education (Agricultural and Food Sciences)
	<b>Dates</b>	2010 – 2011
Occupation or position held		<b>External sales manager</b>
Main activities and responsibilities		Transaction of businesses with international concernments. Translation; Interpretation; International contact person; Planning of trading and logistics
Name of employer		Aranykezű Export-Import Ltd., 8800 Nagykanizsa, Homokkomáromi út 2/a
Type of business or sector		International Trading and Logistics (Agriculture, Food Industry)

Dates	2006 – 2009
Occupation or position held	<b>PhD student</b>
Main activities and responsibilities	Responsible person for installation and development of NIR spectroscopy at the workgroup of Laboratory of Animal Product Qualification, Kaposvár University. Quality analysis of agricultural products; Testing physical and chemical attributes of foods; Development of non-destructive methods for food qualification; Data analyses; Preparation of presentations; Education of undergraduate students; Development of education programs; Coordination of international collaborations in NIR technology
Name of employer	Kaposvár University, Faculty of Animal Science, Laboratory of Animal Product Qualification 40 Guba Sándor street, 7400 Kaposvár, Hungary
Type of business or sector	Science and Education (Agricultural and Food Sciences)
<b>Education and training</b>	
Dates	2006 – 2011
Title of qualification awarded	<b>Doctor of Philosophy (PhD) in Animal Science</b>
Principal subjects/occupational skills covered	Biochemistry of animal production; Informatics in science; Planning and statistical evaluation of experiments; Methodology of publication; In vivo application of digital scanning tools (CT, MRI) in animal production; Near Infrared Spectroscopy in animal product qualification
Name and type of organization providing education and training	Doctoral (PhD) School at Faculty of Animal Science, Kaposvár University Kaposvár, Hungary
Level in international classification	PhD
Dates	2006 – 2009
Title of qualification awarded	<b>Manager in International Transportation and Logistics</b>
Principal subjects/occupational skills covered	Economy; External trade; Finance; International transportation; Logistics; Marketing
Name and type of organization providing education and training	SZIGMA+ High-School Budapest, Hungary
Level in national classification	OKJ 54343305
Dates	2002 – 2007
Title of qualification awarded	<b>Teacher of Agricultural Engineering</b>
Principal subjects/occupational skills covered	Didactic; Pedagogy; Psychology; Sociology
Name and type of organization providing education and training	Kaposvár University, Faculty of Animal Science Kaposvár, Hungary
Level in international classification	MSc, ISCED 6
Dates	2001 – 2006
Title of qualification awarded	<b>Agricultural Engineer</b>
Principal subjects/occupational skills covered	Animal husbandry specification Biochemistry, Animal physiology, Animal nutrition, Animal breeding, Crop production, Plant management
Name and type of organization providing education and training	Kaposvár University, Faculty of Animal Science Kaposvár, Hungary
Level in international classification	MSc, ISCED 6

Dates	2002 – 2005
Title of qualification awarded	<b>European Computer Driving Licence</b>
Principal subjects/occupational skills covered	Concepts of IT; Using the Computer and Managing Files; Word Processing; Spreadsheets; Database; Presentation; Information and Communication
Name and type of organization providing education and training	John von Neumann Computer Science Society, ECDL Hungary Budapest
Level in international / national classification	ECDL / OKJ 52464103
Dates	2002 – 2004
Title of qualification awarded	<b>Cattle Artificial Inseminator</b>
Principal subjects/occupational skills covered	Biology of cattle reproduction
Name and type of organization providing education and training	Pannon Equestrian Academy and Agricultural Technical College Kaposvár
Level in national classification	OKJ 34623201

## Personal skills and competences

Mother tongue

Other languages

Self-assessment

European level (\*)

English

German

Japanese

### Hungarian

	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production		
C2	Mastery	C2	Mastery	C2	Mastery	C2
B1	Intermediate	B2	Intermediate	B1	Intermediate	B1
A1	Beginner	A1	Beginner	A1	Beginner	A1

(\*) Common European Framework of Reference for Languages

## Social skills and competences

### Good communication skills, ability of adaptation to multicultural environment

Working experience at an international corporation and in ad hoc working groups

Teaching practice in university and high school, in Hungary and Japan

Practice in professional translation

Responsible person for foreign affairs and hospitality at events and institutions

Volunteering at Olympic Games (Athens 2004, London 2012)

Experience in adults' education: steward course director at Int. Equestrian Fed. (FEI)

## Organizational skills and competences

### Sense of organization, good experience in team working

Experience in project management in the private sector (Tellspec Inc., ADEXGO Kft.)

International fellowships (Mecenatura (HUN), CNIRS (USA), JSPS (JPN), COST (EU))

Developing collaborations with workgroups worldwide (Kobe Univ., USAMV Bucuresti)

Organizing scientific and professional conferences (Aquaphotomics Symposium, Brussels)

Organizing high level international events (European Equestrian Championships)

FEI steward at international equestrian events (jumping, dressage, eventing)

Chief official at Olympic Games: eventing deputy chief steward at Tokyo 2020, eventing chief steward at Paris 2024

Organizing tours and camps

### Experience in national and international research projects

Scientific leader: 2019-2.1.1-EUREKA-2020-00011 (2021-2024)

Researcher, project leader: 2020-1.1.2-PIACI-KFI-2021-00245 (2021-2024), EUREKA\_16-ZINCOPYEAST (2018-2021), 2018-1.3.1-VKE-2018-00014 (2019-2022), FP7-KBBE-2012-6-311876 (2016-2017), GINOP-2.3.4-15-2016-00005 (2017-), EFOP-3.6.3.-VEKOP-16-2017-00008 (2017-), EFOP 3.6.1-16-2016-0007 (2017-), OTKA 106175 (2013-2015), TÁMOP-4.2.2.D-15/1/KONV-2015-0025 (2015), TÁMOP-4.2.1.C-14/1/KONV-2015-0008 (2015), TECH08A3/2-2008-0384 (2011), TETRAKAP TEC 08 A3/2-2008-0394 (2008-2011), HEF063TDKKEATK4 (2007-2008), GAK Tilaprod 904/2005 (2005-2007), NKTH 4/034 4/024 (2005-2010), GAK Szarvas 1317/2004 (2004-2007), NKFP 4/024/2004 (2004-2007)

## Technical skills and competences

Good command of laboratory equipment (Analytical Laboratory, Quality Control)

## Computer skills and competences

### Good command of Microsoft Operating Systems and macOS

Comprehensive experience with software packages (data processing: The Unscrambler, Pirouette, SPSS, SAS, R Project, TableCurve; laboratory controlling: WinISI, Vision; graphics: Adobe Photoshop, Corel Draw)

## Artistic skills and competences

Pieces in Educational Magazines, Web-design, drawing

## Other skills and competences

Horseback-riding, FEI stewarding (Olympic equestrian disciplines)

## Sphere of interest

Family, Development of education and research, Event organization, Equestrian sport management

## Driving license

Category B, Category T

## Additional information

### Awards and grants:

- National Scientific Conference for Students - 2005: First Place and Special Prize
- National Scientific Conference for Students - 2017: Second Placed Consulted Student
- National Office of Research and Technology, Mecenatura (2008, 2009)  
BGY\_IDRC OMFB-00666/2008 (MEC-1-2008-0449)  
BGY\_NIRS OMFB-00758/2009 (MEC-07-1-2009-0067)
- Council for Near Infrared Spectroscopy (USA), CNIRS Travel Fellowship (2008, 2014)
- Japan Society for Promotion of Science, Postdoctoral Fellowship, JSPS P12409 (2012-2014)
- New National Excellence Program, Postdoctoral Research Fellowship, ÚNKP16-4 (2016-2017)
- Certificate of Merit, Eventing Committee of Hungarian Equestrian Federation (2025)

### Trainings:

- International Diffuse Reflectance Conference, Chambersburg, PA, USA, 2014.08.03.  
Short Course on the Effective Use of Transforms for Chemometrics
- COST-FAIM Training School, IRTA, Monells-Girona, Spain, 2015.05.12-13.  
Non-destructive On-line Technologies to Determine quality of meat and meat products: functioning principle and chemometrics

### Research cooperation:

- Hungarian University of Agriculture and Life Sciences, Budapest, Prof. Zoltán Kovács ([Kovacs.Zoltan.food@uni-mate.hu](mailto:Kovacs.Zoltan.food@uni-mate.hu))
- Széchenyi István University, Mosonmagyaróvár, Dr. Tamás Tóth ([toth.tamas@sze.hu](mailto:toth.tamas@sze.hu))
- University of Szeged, Dr. habil Róbert Gáspár ([gaspar.robert@med.u-szeged.hu](mailto:gaspar.robert@med.u-szeged.hu))
- University of Pécs, Dr. Gyöngyi Zoltán ([zoltan.gyongyi@aok.pte.hu](mailto:zoltan.gyongyi@aok.pte.hu))
- University of Veterinary Medicine, Budapest, Dr. Fébel Hedvig ([febel.hedvig@univet.hu](mailto:febel.hedvig@univet.hu))
- University of Agronomic Sciences and Veterinary Medicine of Bucharest, Prof. Razvan Teodorescu ([razvan.iteodorescu@gmail.com](mailto:razvan.iteodorescu@gmail.com))
- Kobe University, Graduate School of Agricultural Science, Prof. Roumiana Tsenkova ([rtsen@kobe-u.ac.jp](mailto:rtsen@kobe-u.ac.jp))
- University of Innsbruck, Institute of Analytical Chemistry and Radiochemistry, Prof. Christian Huck ([christian.w.huck@uibk.ac.at](mailto:christian.w.huck@uibk.ac.at))
- University College Dublin, School of Biosystems and Food Engineering, Prof. Aoife Gowen ([aoife.gowen@ucd.ie](mailto:aoife.gowen@ucd.ie))
- Norwegian University of Science and Technology, Department of Engineering Cybernetics, Prof. Harald Martens ([harald.martens@ntnu.no](mailto:harald.martens@ntnu.no))

### Scientific and public activity:

- Hungarian Academy of Sciences, Section of Agricultural Sciences, member (2012 - )
- International Council for Near Infrared Spectroscopy, member (2013 - )
- International Eventing Officials Club, International Jumping Officials Club (2012 - )

### Organized scientific conference:

- The 5th Kobe University Brussels European Centre Symposium, Aquaphotomics Session, Brussels, Belgium, 2014.10.14.
- The 2nd European Conference on Aquaphotomics, Budapest, 2019.12.2-3

## Annexes

List of Publications (visit <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10025642>)

PhD Dissertation (visit [www.bazar.agrilab.hu](http://www.bazar.agrilab.hu))

Diplomas and Certificates (on demand)