Curriculum vitae

Informaţii personale

Nume/Prenume	**BÁLINT János**
Adresa	
Telefon	
E-mail	balintjanos@ms.sapientia.ro
Cetăţenia	Română
Data şi locul naşterii	
Funcţia şi locul de muncă (universitatea, facultatea, catedra)	**Profesor universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste din Târgu-Mureş, Departamentul de Horticultură**

Educaţie şi formare

2014: **Diplomă Ph.D în horticultură** - Universitatea Corvinus Budapesta, Facultatea de Horticultură, Catedra de Entomologie, Budapesta, Ungaria.
2007: **Inginer diplomat în horticultură** - Universitatea Sapientia din Cluj Napoca, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş.
2002: **Tehnician în silvicultură** - Colegiul Tehnic „Bányai János", Odorheiu-Secuiesc.

Specializări, studii de perfecționare

2009: **Certificat de atestare profesionala** a specialiștilor angajați de agentul economic pentru activitatea de **utilizare a produselor de uz fitosanitar din grupele I și II-a de toxicitate** - Ministerul Agriculturii, Pădurilor și Dezvoltării Rurale, Unitatea Fitosanitară Mureș
2009: **Certificat de atestare profesionala** a specialiștilor angajați de agentul economic pentru activitatea de **prestări de serviciu cu produse de uz fitosanitar** - Ministerul Agriculturii, Pădurilor și Dezvoltării Rurale, Unitatea Fitosanitară Mureș
2007: **Diploma de Pedagogie -** Universitatea de Ştiinţe Agricole şi Medicină Veterinară din Cluj-Napoca

Experienţa profesională

2022 →: Profesor universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Catedra de Horticultură.
2019 – 2022: Conferențiar universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Catedra de Horticultură.
2015 – 2019: Lector universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Catedra de Horticultură.
2013/07/15 – 08/15: cercetător, Department of Ecology and Ecosystem Management, Technische Universität München, Germany
2009 – 2015: Asistent universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Catedra de Horticultură.

2007 – 2009: Preparator universitar, Universitatea Sapientia, Facultatea de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Catedra de Horticultură.
2007 – 2015: Profesor consultant, Fundaţia Bocskai/Universitatea Corvinus din Budapesta, Facultatea de Horticultură, Secţia din Miercurea-Niraj
2010/06/01 – 11/01: Bursa de cercetare Hungarian University and Research Scholarship Balassi Institute, Universitatea Corvinus Budapesta, Ungaria.
2009/06/01 – 10/01: Bursa de cercetare Hungarian University and Research Scholarship Balassi Institute, Universitatea Corvinus Budapesta, Ungaria.
2008/07/01 – 09/01: Bursa de cercetare Domus (Academia de Ştiinţe Maghiară, Budapesta), junior cercetător, Universitatea Corvinus Budapesta, Ungaria.
2008/01/15 – 02/28: Bursa de cercetare Domus (Academia de Ştiinţe Maghiară, Budapesta), junior cercetător, Universitatea Corvinus Budapesta, Ungaria.

Alte funcţii deţinute (nedidactice)

2024→: Membru, Senatului Universității Sapientia din Cluj Napoca.
2020 →2024: director adjuct, Departamentul Horticultură
2003 – 2007, 2010 – 2012, 2020→2024: Membru, Consiliul Facultăţii de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Universitatea Sapientia din Cluj Napoca.
2009 – 2020: Comisia de învăţământ, Facultăţii de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Universitatea Sapientia din Cluj Napoca.
2009 →: Comisia de informatică, Facultăţii de Ştiinţe Tehnice şi Umaniste Târgu-Mureş, Universitatea Sapientia din Cluj Napoca.

Limbi străine cunoscute

Maghiară, limba maternă
Lb. engleză: intermediar/intermediar (ECL/B2)
Lb. franceză: începător/începător

Activitatea didactică

Cursuri:

Protecţia integrată a plantelor, BSc (2008 →)
Prognoză şi carantină fitosanitară, BSc (2015-2018)
Fitoprotecţie biologică, MSc (2015 →)
Protecţia integrată a plantelor, MSc (2015 →)
Bolile culturilor horticole - diagnoze, MSc (2015 →)
Maşini şi utilaje utilizate în protecţia plantelor, MSc (2015-2017)
Protecţia integrată a plantelor în peisagistică, BSc (2018 →)
Sisteme informatice agricole, MSc (2018 →)

Lucrări practice:

Protecţia integrată a plantelor, BSc (2007 →)
Entomologie I, II. , BSc (2007-2014)
Fitopatologie, BSc (2007-2015)
Prognoză şi carantină fitosanitară, BSc (2007 – 2013, 2015)
Informatică în horticultură, BSc (2011 – 2013)

Fitoprotecţie biologică, MSc (2015 →)
Protecţia integrată a plantelor, MSc (2015 →)
Bolile culturilor horticole - diagnoze, MSc (2015 →)
Maşini şi utilaje utilizate în protecţia plantelor, MSc (2015-2017)
Protecţia integrată a plantelor în peisagistică, BSc (2018 →)
Sisteme informatice agricole, MSc (2018 →)

Domeniul de cercetare

Protecția integrată a plantelor.
Entomologie.
Fitopatologie.

Membru în organizații științifice și profesionale

Membru al Societății Entomologice Maghiară (2005 →)
Membru al Societății Muzeului Ardelean (2006 →)
Membru al Societății de Protecția Plantelor din Ungaria (2014 →)
Membru al Corporaţiei Doctorilor a Academiei Maghiare de Ştiinţe (2015 →)
Membru al Camerei de Inginerii în domeniul de Protecția Plantelor din Ungaria, Numărul de licență: 01161 (2015 →)

Membru în colective de redacție:

Editor asociat al revistei **Acta Universitatis Sapientiae, Agriculture and Environment** (2013→)

Lista de lucrări în domeniul de studii universitare de licenţă HORTICULTURĂ*

Numele şi prenumele: BÁLINT János

A. Teza de doctorat

BÁLINT J. (2014): The role of plant characteristics in the resistance of white cabbage varieties to onion thrips. Universitatea Corvinus Budapesta, Facultatea de Horticultură, Catedra de Entomologie, specialitatea Horticultură. Coordonator ştiinţific: Conf. Dr. Fail József.

B. Cărti publicate

B1. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la edituri recunoscute în străinătate.

B2. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate în ţară, la edituri recunoscute CNCSIS.

1. DOMOKOS E., **BÁLINT J.**, (2021): *Növényrendszertan – laborgyakorlat jegyzet*. Editura University Press, Tg.-Mureş, 83 pagini.

2. **BÁLINT J.**, NYÁRÁDI I.I., FORA C. G. (2021): *Substanţele active ale pesticidelor*. Editura Erdélyi Múzeum-Egyesület, **ISBN 978-606-739-194-7**, 285 pagini.

3. **BÁLINT J.** (2015): *A fejes káposzta fajtatulajdonságainak szerepe a dohánytripsszel szembeni rezisztenciában.* Editura Scientia, **ISBN 978-973-1970-92-9**, 115 pagini.

4. **BÁLINT J.**, BALOG A., NYÁRÁDI I.I. (2012): *Amit a növényvédőszer hatóanyagokról tudni kell*. Editura University Press, **ISBN 978-973-169-174-9**, 284 pagini.

5. BALOG A., **BÁLINT J.**, KISS K. (2008): *Entomologie Horticolă - Kertészeti Rovartan*. (lb. maghiară). Editura University Press, Tg.-Mureş. **ISBN 978-973-169-010-0**, 180 pagini.

B3. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate la alte edituri sau pe plan local.

1. OCSKÓ Z., **BÁLINT J.** (2016): Növényvédőszerek a Kárpát-medencében, Magyar-Román, Agrinex Bt., **ISSN 1216-2191,** 1-715 pagini, 793-809 pagini.

2. BALOG A., **BÁLINT J.**, KOVÁCS L., KENTELKY E., JAKAB S., NYÁRÁDI I.I., THIESZ R. (2008): Az Erdélyi magyar agrár oktatás múltja, jelene és jövője, Edituta Niko, Tg.Mureş, **ISBN 978-973-1947-02-0**, 100 pagini.

B4. Cărţi (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

1. **BÁLINT J.** (2007): Bazele controlării dăunătoarelor, ILEAP (Interactive Learning of Energetic Utilisation of Agricultural Products and By-products).

B5. Capitole de cărţi publicate în străinătate

B6. Capitole de cărţi publicate în ţară

C. Lucrări ştiinţifice publicate

C1. Lucrări ştiinţifice publicate în reviste cotate ISI

1. CSORBA A. B., DINESCU S., PIRCALABIORU G.G., FORA C. G., **BÁLINT J.**, LOXDALE HD., BALOG A., (2024): Aphid adaptation in a changing environment through their bacterial endosymbionts: an overview, including a new major cereal pest (*Rhopalosiphum maidis* (Fitch) scenario. Symbiosis 93(2): 139-152. (IF. 2.1). Scimago rank Q2.

2. **BÁLINT J.**, BENEDEK K., CSORBA A. B. (2024): Assessing the effect of plant growth stimulants and retardants on cyclamen "Halios F1 Salmon Rose" cultivar. Horticulturae, 10(1), 53. (IF. 3.1). Scimago rank Q1.

3. BUCHKOWSKI R. W., BENEDEK K., **BÁLINT J.**, MOLNÁR A., FELFÖLDI T., FAZAKAS CS., SCHMITZ O. J., BALOG A. (2023): Plant chemical variation mediates soil bacterial community composition. Scientific Reports, 13(6088): 1-7. (IF. 4.996). Scimago rank Q1.

4. CSORBA A. B., KENTELKY E., SZABÓ M. E., JAKAB M., NYÁRÁDI I. I., **BÁLINT J.** (2023): Controlling grey mold (*Botrytis cinerea*) in flowering cyclamen production. European Journal of Horticultural Science, 88(1), 1-8. (IF. 1.548). Scimago rank Q2.

5. SZABÓ A.K., **BÁLINT J.**, MOLNÁR A., ASZALOS SZ. E., FORA C. G., LOXDALE HD., BALOG A. (2022): Associational susceptibility of crop plants caused by the invasive weed Canadian goldenrod, Solidago canadensis, via local aphid species. Frontiers in Ecology And Evolution, 10:1-10. (IF. 4.493). Scimago rank Q1.

6. TOMPA B., **BÁLINT J.,** FODORPATAKI L. (2022): Enhancement of biomass production, salinity tolerance and nutraceutical content of spinach (*Spinacia oleracea* L.) with the cuticular wax constituent triacontanol. Journal of Applied Botany and Food Quality 95: 121 - 128. (IF. 1.481). Scimago rank Q3.

7. PUTNOKY CSICSÓ B., TÓTH F., **BÁLINT J.**, KENTELKY E., BENEDEK K., FORA C. G., NYÁRÁDI I.-I., BALOG A. (2022): Entomopathogenic fungus *Metarhizium anisopliae* (strain NCAIM 362) effects on soil inhabiting *Melolontha melolontha* (Coleoptera) and *Duponchelia fovealis* (Lepidoptera) larvae in sweet potato (*Ipomoea batatas* L.), Plant Protection Science 58: 264-268. (IF. 1.414). Scimago rank Q2.

8. CSORBA A. B., FORA C. G., **BÁLINT J.**, FELFÖLDI T., SZABÓ A., MÁTHÉ I., LOXDALE HD., KENTELKY E., NYÁRÁDI I.-I., BALOG A. (2022): Endosymbiotic Bacterial Diversity of Corn Leaf Aphid, *Rhopalosiphum maidis* Fitch (Hemiptera: Aphididae) Associated by Maize Management Systems, Microorganisms 10(5): 939, 1-12. (IF. 4.926). Scimago rank Q2.

9. CSORBA A. B., **BÁLINT J.**, FELFÖLDI T., SZABÓ A., FORA C. G., MÁTHÉ I., LOXDALE HD., BALOG A., NYÁRÁDI I.-I. (2021): Endosymbiotic bacterial diversity associated with corn leaf aphid, *Rhopalosiphum maidis* Fitch (Hemiptera: Aphididae) populations under different maize

management systems – preliminary study. North-Western Journal of Zoology 17(2): 155-159. (IF. 0.969). Scimago rank Q3.

10. KENTELKY E., SZEKELY-VARGA ZS. **BÁLINT J.**, BALOG A. (2021): Enhance Growth and Flower Quality of *Chrysanthemum Indicum* L. with Application of Plant Growth Retardants. Horticulturae 7(12), 532 (IF. 2.923). Scimago rank Q1.

11. PUTNOKY CSICSÓ B., TONK SZ., ABOD É., SZABÓ A., MÁRTON ZS., BOGDÁNYI TÓTHNÉ F., TÓTH F., **BÁLINT J.***, BALOG A. (2020): Effectiveness of the entomopathogenic fungal species Metarhizium anisopliae treatments against soil inhabiting *Melolontha melolontha* larvae in sweet potato (*Ipomoea batatas* L.) cultivation. Journal of Fungi 6(116): 1-16. (IF. 4.621). Scimago rank Q1.

12. DOMOKOS E., BÍRÓ-JANKA B., **BÁLINT J.**, MOLNÁR K., FAZAKAS CS., JAKAB-FARKAS L., DOMOKOS J., ALBERT CS., MARA GY., BALOG A. (2020): Arbuscular mycorrhizal fungus Rhizophagus irregularis influences Artemisia annua plant parameters and artemisinin content under different soil types and cultivation methods Microorganisms 8(899): 1-17. (IF. 4.152). Scimago rank Q1.

13. SZABÓ A.K., VÁRALLYAY E., DEMIAN E., HEGYI A., NAGYNÉ GALBÁCS ZS., KISS J., **BÁLINT J.**, LOXDALE HD., BALOG A. (2020): Local Aphid Species Infestation on Invasive Weeds Affects Virus Infection of Nearest Crops Under Different Management Systems – A Preliminary Study. Frontiers in Plant Science, 11(684): 1-11. (IF. 4.402). Scimago rank D1.

14. TURÓCZI B., BAKONYI J., SZABÓ A.K., **BÁLINT J.**, MÁTHÉ I., LÁNYI SZ., BALOG A. (2020): In vitro and in vivo effect of poplar bud extracts on Phytophthora infestans: a new effective biological method in potato late blight control. Plants 9(210): 1-12. (IF. 2.632). Scimago rank Q1.

15. BOGDÁNYI TÓTHNÉ F., PETRIKOVSZKI R., BALOG A., PUTNOKI CSICSÓ B., GÓDOR A., **BÁLINT J.***, TÓTH F. (2019): Current knowledge of the entomopathogenic fungal species Metarhizium flavoviride and its potential use in sustainable pest control. Insects, 10(11):385 1-22. (IF. 2.139). Scimago rank Q1.

16. BENEDEK K., **BÁLINT J.**, MÁTHÉ I., MARA GY., FELFÖLDI T., SZABÓ A.K., FAZAKAS CS., ALBERT CS., BUCHKOWSKI R.W., SCHMITZ O. J., BALOG A. (2019): Linking intraspecific variation in plant chemical defence with arthropod and soil bacterial community structure and N allocation. Plant and Soil, 444: 383-397. (IF. 3.259). Scimago rank Q1.

17. SZABÓ AK, KISS J., **BÁLINT J.**, KŐSZEGHI SZ., LOXDALE HD., BALOG A. (2019): Low and high input agricultural fields have different effects on pest aphid abundance via different invasive alien weed species. NeoBiota 43: 27-45 (IF. 3.405). Scimago rank D1.

18. BENEDEK K., MARA GY., MEHRPARVAR M.,**BÁLINT J.**, LOXDALE H. D., BALOG A.(2019): Near-regular distribution of adult crimson tansy aphids, *Uroleucon tanaceti* (L.), increases aposematic signal honesty on different tansy plant chemotypes, Biological Journal of the Linnean Society, 126: 315-326 (IF. 2.532). Scimago rank Q1.

19. **BÁLINT J.**, BENEDEK K., LOXDALE H. D., KOVÁCS E., ÁBRAHÁM B., BALOG A.* (2018): How host plants and predators influence pea aphid (*Acyrthosiphon pisum* Harris) populations in a complex habitat, North Western Journal of Zoology, 14 (2): 149-158. (IF. 0.596). Scimago rank Q3.

20. BALOG A., LOXDALE H. D., **BÁLINT J.**, BENEDEK K., SZABÓ K-A., JÁNOSI-RANCZ K.-T., DOMOKOS E. (2017): The arbuscular mycorrhizal fungus *Rhizophagus irregularis* affects arthropods colonization on sweet pepper in both the field and greenhouse, Journal of Pest Science, 90(3): 935–946. (IF. 4.402). Scimago rank D1.

21. **BÁLINT J.**, SZABÓ K-A., TÓFALVI B., PUIA C., BALOG A. (2016): Comparing disease resistance of local and international plum cultivars (*Prunus domestica*) from Eastern Transylvania, Romania, Journal of Plant Diseases and Protection, 123: 317-320. (IF. 0.485). Scimago rank Q3.

22. **BÁLINT J.**, ZYTYNSKA S., SALAMON R., MEHRPARVAR M., WEISSER W., SCHMITZ O. J., BENEDEK K., BALOG A. (2016): Intraspecific differences in plant chemotype determines the structure of arthropod food webs, Oecologia, 180(3): 797-807. (IF. 3.130). Scimago rank D1.

23. BENEDEK K., **BÁLINT J.***, SALAMON R. V., KOVÁCS E., ÁBRAHÁM B., FAZAKAS CS., LOXDALE H. D., BALOG A.* (2015): Chemotype of tansy (*Tanacetum vulgare* L.) determines aphid genotype and its associated predator system, Biological Journal of the Linnean Society, 114: 709-719. (IF. 1.984). Scimago rank Q1.

24. **BÁLINT J.**, NAGY SZ., THIESZ R., NYÁRÁDI I-I., BALOG A. (2014): Biocontrol strategy to reduce asexual reproduction of apple scab (*Venturia inaequalis*) by using plant extracts, Turkish Journal of Agriculture and Forestry, 38(1): 91-98. (IF. 0.914). Scimago rank Q2.

25. **BÁLINT J.,** NAGY B.V., FAIL J. (2013): Correlations between colonization of Onion Thrips and leaf reflectance measures across six cabbage varieties, PLoS ONE 8(9): 1-8, e73848. (IF. 3.,534). Scimago rank Q1.

26. **BÁLINT J.**, BURGHARDT N., HÖHN M., PÉNZES B., FAIL J. (2013): Does epidermal thickness influence white cabbage resistance against onion thrips (*Thrips tabaci*)? Notulae Botanicae Horti Agrobotanici Cluj-Napoca, (41)2: 444-449. (IF. 0.476). Scimago rank Q3.

27. **BÁLINT J.**, THIESZ R., NYÁRÁDI I-I, SZABÓ K-A. (2013): Field Evaluation of Traditional Apple Cultivars to Induced Diseases and Pests, Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 41(1): 1-6. (IF. 0,476). Scimago rank Q3.

28. **BÁLINT J.,** NEACŞU P., BALOG A., FAIL J., VÉTEK G. (2010) First record of the black locust gall midge *Obolodiplosis robiniae* (Haldeman) (Diptera: Cecidomyiidae) in Romania, North-Western Journal of Zoology, 6(2): 319-322. (IF. 0.659). Scimago rank Q2.

29. JENSER G., SZITA É., **BÁLINT J.** (2010): Measuring pear psylla population density (*Cacopsylla pyri* L. and *C. pyricola* Förster): review of previous methods and evaluation of a new technique, North-Western Journal of Zoology, 6(1): 54-62. (IF. 0.659). Scimago rank Q2.

Factor de impact cumulat: 58,67

C2. Lucrări ştiinţifice publicate în reviste indexate în baze de date internaţionale (indicaţi şi baza de date).

1. CSORBA A. B., TATÁR M., BUTA E., MOLNÁR K, DOMOKOS E., BANDI A., **BÁLINT J.** (2021): Effects of plant growth retardants on development of Poinsettia "Christmas Feeling" cultivar, Acta Biologica Marisiensis, 4(2): 32-38.

2. CSORBA A. B., PUTNOKY CS. B., DEMETER A., NYÁRÁDI I-I, **BÁLINT J.** (2021): Insecticide efficacy on ticks (*Dermacentor* spp.) - Case study from an infested territory from Transylvania, Acta Sapienetiae, Acta Universitatis Sapientiae, Agriculture and Environment, 13: 23-35.

3. TÚRÓCZI B., SZABÓ K-A., NYÁRÁDI I-I, LÁNYI SZ., **BÁLINT J.** (2021): New perspectives of using populin as plant extract against late blight (*Phytophthora infestans* Montagne) resistant strain, U.P.B. Sci. Bull., Series B. 83(1): 23-30

4. CSORBA A. B., PUTNOKY CS. B., NYÁRÁDI I-I, **BÁLINT J.** (2020): Testing insecticides efficacy on pollen beetles (Meligethes aeneus F.), Journal of Horticulture, Forestry and Biotechnology, 24(3): 53-57.

5. MOLNÁR K., BÍRÓ-JANKA B., NYÁRÁDI I-I, FODORPATAKI L., VARGA B.-E., **BÁLINT J.**, DUDA M.-M. (2020): Effects of Priming with Ascorbic Acid, L-Cystein and Triacontanol on Germination of Rapeseed (*Brassica napus* L.), Acta Biologica Marisiensis 3(2): 48-55.

6. MOLNÁR K., NYÁRÁDI I-I, , BÍRÓ-JANKA B., SIMÓ I., **BÁLINT J.**, DOMOKOS E. (2020): Preliminary Study of the Effect of Chemical and Organic Fertilizers on a Semi-Natural Grassland in Vlăhița, Harghita Mountains, Romania, Acta Biologica Marisiensis 3(2): 56-65.

7. CSORBA A. B., PÁNCZÉL T., BANDI A., NYÁRÁDI I-I, **BÁLINT J.** (2020): The effect of different fungicides and bactericides on rooting of pelargonium cuttings, DRC Sustainable Future, 1(2): 155-160.

8. CSORBA A. B., PUTNOKY CS. B., KONCZ R., BANDI A., NYÁRÁDI I-I, **BÁLINT J.** (2020): Biological control of thrips pests (Thysanoptera: Thripidae) under greenhouse conditions in Transylvania, Romania, DRC Sustainable Future, 1(2): 147-154.

9. **BÁLINT J.**, TÚRÓCZI B., MÁTHÉ I., BENEDEK K., SZABÓ K-A., BALOG A. (2014): In vitro and in vivo effect of poplar bud (*Populi gemma*) extracts on late blight (*Phytophthora infestans*), Acta Universitatis Sapientiae, Agriculture and Environment, 6:1-8.

10. PÁL M., **BÁLINT J.,** BALOG A. (2014): Using the technique of vegetal endoterapy against the horse chestnut's leaf miner (Lepidoptera: Cameraria ohridella DESCHKA & DIMIE), University of Agronomical Sciences and Veterinary Medicine, Scientifical Papers, 58: 353-358, ISSN 2285-5653, cotat CNCSIS B+, indexat BDI-CABI.

11. **BÁLINT J.,** CSÖMÖR ZS., PÉNZES B., FAIL J. (2010): The effect of silicate minerals on the head weight of white cabbage and on the colonization and damage of onion thrips, University of Agronomical Sciences and Veterinary Medicine, Scientifical Papers, 54: 22-30, ISSN 1222-5312, cotat CNCSIS B+, indexat BDI-CABI.

C3. Lucrări ştiinţifice publicate în reviste din străinătate (altele decât cele menţionate anterior).

C4. Lucrări ştiinţifice publicate în reviste din ţară, recunoscute CNCSIS (altele decât cele din baze de date internaţionale).

1. **BÁLINT J.** (2006): A Maros megyei gazdák és kistermelők növényvédelmi ismereteinek felmérése, EME-Múzeumfüzetek, Acta Scienciarum Transylvanicum, 14/2, p. 33-40.

C5. Lucrări ştiinţifice publicate în reviste, altele decât cele menţionate anterior

1. **BÁLINT J.** (2005): Az amerikai kukoricabogár (*Diabrotica virgifera* LeConte) elterjedése és kártétele Romániában, Erdélyi Gazda, 6., p. 15-18.

C6. Lucrări ştiinţifice publicate în volumele manifestărilor ştiinţifice

Manifestări ştiinţifice internaţionale (in extenso)

Manifestări ştiinţifice internaţionale (abstracte)

1. BODÓ SZ., **BÁLINT J**., SZABÓ K.-A. (2025): Investigation of the molluscidal effect of essential oils in the biological control of the Spanish snail (*Arion vulgaris*), 30. Tiszántúli Növényvédelmi Fórum/The 12th International Plant Protection Symposium at the University of Debrecen, Tîrgu-Mureș.

2. FEKETE I., PUTNOKY-CSICSÓ B., **BÁLINT J**. (2025): Behavioral responses of the Apple blossom beetle (*Tropinota hirta*) to various odorants in a self-constructed four-arm olfactometer, 30. Tiszántúli Növényvédelmi Fórum/The 12th International Plant Protection Symposium at the University of Debrecen, Tîrgu-Mureș.

3. BOTOS N., KEDVES K., **BÁLINT J**., KARACS-VÉGH A. (2025): Examination of the susceptibility of potato varieties to plant pathogenic bacteria, 30. Tiszántúli Növényvédelmi Fórum/The 12th International Plant Protection Symposium at the University of Debrecen, Tîrgu-Mureș.

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7. BENEDEK K., BEDŐHÁZI A., JAKAB M., PÁL T., SZÉKELY A., MOLNÁR K., BÍRÓ JANKA B. **BÁLINT J**., (2019): The effect of triacontanol on micropropagation of basil (Occimum basilicum), 5. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

8. TOMPA B., MOLNÁR K., **BÁLINT J**., FODORPATAKI L. (2019): Stimulating effects of the cuticular wax constituent triacontanol on physiological processes in spinach plants, 5. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

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10. **BÁLINT J**. SZABÓ SZ.-R. (2017): Assessing the effect of plant growth regulators on cyclamen production, 4. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

11. TÓFALVI B., BALOG A., SZABÓ K-A., **BÁLINT J**., (2017): Comparing disease and pest resistance of local and international plum cultivars (*Prunus domestica*) from Eastern Transylvania, Romania, 4. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

12. **BÁLINT J**., PÁNCZÉL T. (2017): The effect of different fungicides and bactericides on rooting of pelargonium cuttings, 4. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

13. **BÁLINT J**., SZABÓ M.E., BALOG A. (2017): The possibilities of controlling grey mould (*Botrytis cinerea*) in flowering cyclamen production, 4. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

14. **BÁLINT J.,** ZYTYNSKA S., SALAMON R., MEHRPARVAR M.,; WEISSER W., SCHMITZ O. J., BENEDEK K., BALOG A. (2016): Intraspecific differences in plant chemotype determines the structure of arthropod food webs, Gordon Research Conference, Predator-Prey Interactions, New Frontiers in Understanding Predator-Prey Interactions in a Human-Altered World, Ventura, California, USA, 24-29 January.

15. **BÁLINT J**. (2015): Evaluation of terricol pests in a newly planted hazel orchard, 3. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

16. KONCZ R., BALOG A., **BÁLINT J**. (2015): Using natural enemies in white pepper protection under greenhouse conditions, 3. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

17. DEMETER A., KONCZ R., MIKLOS CS., SZABÓ K.-A., **BÁLINT J**. (2015): The effects of different insecticides on ticks, 3. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

18. KŐSZEGHI SZ., **BÁLINT J**., SZABÓ K.-A., BENEDEK K. (2015): Comparing the effects of different Benzyladenine concentrations on lemon balm (*Melissa officinalis* L.) micropropagation, 3. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

19. BALOG A., **BÁLINT J.,** BENEDEK K., LOXDALE H. D., SCHMITZ O. J**.** (2014): The influence of host plant mosaic on pea aphids and their associated predators and hymenoptera parasitoid, Gordon Research Conference, Predator-Prey Interactions, From Genes to Ecosystems to Human Mental Health, Ventura, California, USA, 4-10 January.

20. RAVASZ R., **BÁLINT J**., BALOG A. (2011): Pest and disease survey of *Thuja occidentalis* and Platycladus orientalis in Tirgu Mures city area, (Romania); 1. Transilvanian Horticulture and Landscape Studies Conference, Tîrgu-Mureș.

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Manifestări ştiinţifice naţionale (abstracte)

1. BODÓ SZ., **BÁLINT J**., SZABÓ. K. A. (2023): Új típusú fungicid hatóanyagok összehasonlító vizsgálata a burgonyavész (*Phytophthora infestans*) elleni védekezésben. Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben. Agrártudományi Szakosztály.

2. CSORBA A. B., BALOG A., **BÁLINT J**., NYÁRÁDI I-I., BÍRÓ JANKA B. (2022): A zöld kukorica-levéltetű [*Rhopalosiphum maidis* (Fitch)] (Hemiptera: Aphididae) szimbionta baktérium közösségének vizsgálata és szerepük a faj adaptációjára nézve. Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben. Agrártudományi Szakosztály.

3. MUZSNAI L, **BÁLINT J**., SZABÓ K. A. (2020): A burgonya (Solanum tuberosum) közönséges varasodás (*Streptomyces scabies*) károsítása különböző növényi hormonos kezelések esetén. Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben. Agrártudományi Szakosztály.

4. TIMÁR Z., PÁSZTOR J., **BÁLINT J.,** MOLNÁR K. (2019): Növényvédelmi fúvókák cseppméretének meghatározása laboratóriumi körülmények között. Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben 18. Agrártudományi Szakosztály.

5. PUTNOKY CSICSÓ B., **BÁLINT J.**, BALOG A., TÓTH F. (2018): Entomopatogén gombák alkalmazása édesburgonya (*Ipomoea batatas*) talajlakó kártevőivel szemben - előzetes vizsgálatok. Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben 17. Agrártudományi Szakosztály.

6. **BÁLINT J.** (2015): A dióoltások kalluszosítási időszaka alatt fellépő xantomonászos betegség elleni védekezés tapasztalatai, Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben 14. Agrártudományi Szakosztály.

7. BALOG A., **BÁLINT J.**, B. KLÁRA, A. ANNAMÁRIA, BOGOS SZ., GYÖRFFY H., GYÖRGY-FAZAKAS L., PUTNOKI-CICEO B. (2015): Kémiai kommunikáció növények és ragadozó rovarok között, Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben 14. Agrártudományi Szakosztály.

8. BOGOS SZ., GYÖRFFY H., **BÁLINT J.**, B. KLÁRA, B. ADALBERT (2013): Táplálékláncok vizsgálata a gilisztaűző varádics (Tanacetum vulgare L.) különböző kemotípusain, Erdélyi Múzeum Egyesület, A Magyar Tudomány Napja Erdélyben 12. Agrártudományi Szakosztály.

9. TÚRÓCZI B., BALOG A., MÁTHÉ I., BENEDEK K., **BÁLINT J.** (2013): Fekete nyár rügy kivonat hatása a burgonya fitoftórás betegségére, Erdélyi Múzeum Egyesület A Magyar Tudomány Napja Erdélyben 12. Agrártudományi Szakosztály.

10. **BÁLINT J.** (2007): Az integrált védekezés lehetőségei a füstösszárnyú körtelevélbolha (*Cacopsylla pyri* L.) ellen, VI. Marosvásárhelyi Sapientia-EMTE Tudományos Diákköri Konferencia, Kertészmérnöki szekció, I. hely, p. 36.

11. **BÁLINT J.**, JELINEK I.-L. (2006): A növényvédelmi szakboltok megbízhatóságának felmérése Maros megyében - Az eladók szakmai ismeretének felmérése, V. Marosvásárhelyi Sapientia-EMTE Tudományos Diákköri Konferencia, Kertészet szekció, p. 40.

12. JELINEK I.-L, **BÁLINT J.** (2006): A növényvédelmi szakboltok megbízhatóságának felmérése Maros megyében - Az előírások, biztonsági keretek betartásának felmérése, V. Marosvásárhelyi Sapientia-EMTE Tudományos Diákköri Konferencia, Kertészet szekció, p. 41.

13. VARGA R., **BÁLINT J.** (2006): Az amerikai kukoricabogár (*Diabrotica virgifera* LeConte) előfordulása 2005-ben Arad megyében, V. Marosvásárhelyi Sapientia-EMTE Tudományos Diákköri Konferencia, Kertészet szekció, p. 39.

14. **BÁLINT J.** (2005): A füstösszárnyú körtelevélbolha (*Psylla pyri* Linné) fenobiológiai állapotjelzőinek vizsgálata széles hatásspektrumú rovarölőszerek hatására körteültetvényekben, Marosvásárhelyi Sapientia-EMTE Tudományos Diákköri Konferencia, Kertészet szekció, I. hely, p. 1.

D. Traduceri de cărţi, capitole de cărţi, alte lucrări ştiinţifice

E. Editare, coordonare de volume

1. **BÁLINT J.** (Ed.) (2011): 1. Transilvanian Horticulture and Landscape Studies Conference, Sapientia Hungarian University of Transylvania, Conference proceedings, 137 p.

F. Invenţii

G. Contracte de cercetare (menţionaţi calitatea de director sau membru)

INTERNAŢIONALE

Nr.crt.	Denumirea Temei	Beneficiar	An	Valoare
1.	**Aplicant:** Az epidermisz vastagság szerepe a fejes káposzta dohánytripsszel szembeni rezisztenciájában. Program de burse al Academiei Ungare de Ştiinţe, Budapesta. Obţinut prin competiţie. Nr. 2010E00229E. Valoare: 100 000 HUF.	Catedra de Horticultură	2010	100 000 HUF

2.	**Aplicant:** A fényvisszaverődés szerepe a fejes káposzta dohánytripsszel szembeni rezisztenciájában. Program de burse al Hungarian University and Research Scholarship Balassi Institute, Budapesta. Obţinut prin competiţie. Valoare: 560 000 HUF.	Catedra de Horticultură	2009	560 000 HUF
3.	**Aplicant:** Rolul însușirilor de soi în determinarea rezistenței verzei albe față de tripsul tutunului. Program de burse al Academiei Ungare de Ştiinţe, Budapesta. Obţinut prin competiţie. Nr. 2008/A/08. Valoare: 200 000 HUF.	Catedra de Horticultură	2008	200 000 HUF
4.	**Membru:** Conserving the flora and fauna of Balea Lake region – Transylvania-Romania. (56/07/2005). 2005/10/31 – 2006/09/30 Rufford Small Grant for Nature Conservation. www.rufford.org. Anglia.	Catedra de Horticultură	2005/ 2006	2 200 EUR

NAŢIONALE

Nr.crt.	Denumirea Temei	Beneficiar	An	Valoare
1.	**Membru:** "Dezvoltarea tehnologiei de cultivare la cânepa (*Cannabis sativa* L.) pentru semințe" Institutul Programelor de cercetare, 1/13/05.01.2012.	Catedra de Horticultură	2022-2023	55 000 RON
2.	**Director de proiect: „**Development of a vertical farming equipment with a water cooled lightning system." SC ERMA Prod Com SRL	Catedra de Horticultură	2021-2022	55 000 RON
3.	**Director de proiect:** „Efectul ciupercii entomotatogene Metarhizium anisopliae asupra dăunătorilor tericol la cartofi dulce (*Ipomoea batatas* L.), studii asupra parametrilor de cultivare și calitative" Institutul Programelor de cercetare	Catedra de Horticultură	2019-2020	48 000 RON
4.	**Membru:** „Predator induced host plant change - a case study of pea aphid (Acyrthosiphon pisum) rapid evolution". CNCSIS, Program Resurse Umane, Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente. PN-II-RU-TE-2011-3-0096.	Catedra de Horticultură	2011-2014	645 000 RON
5.	**Membru:** "Kártevő levéltetvek és ragadozóik vizsgálata gilisztaűző varádics (*Tanacetum vulgare*) kemotípusokon" Institutul Programelor de cercetare, 1/13/05.01.2012.	Catedra de Horticultură	2011-2014	10 000 USD

6.	**Membru:** Publicarea cursurilor universitare în domeniul Horticulturii. (Ministerul Educaţiei din Ungaria)	Catedra de Horticultură	2008	15 000 RON
7.	**Membru:** Trecutul, prezentul şi viitorul învăţământului agrar de limba maghiară din Transylvania. (Ministerul Educaţiei din Ungaria)	Catedra de Horticultură	2008	7500 RON
8.	**Membru:** Macroecological model studies - Makro-ökológiai skálatörvények modellezése. (14/2004-2005). 2004/10/01 – 2005/07/31 Universitatea Sapientia – Fundaţia Sapientia, Director de proiect: Prof. Dr. Néda Zoltán**,** www. kpi.sapientia.ro.	Catedra de Horticultură	2004/ 2005	2 500 EUR
9.	**Membru:** Rolul insectelor prădătoate în livezi - Ragadozó rovarcsoportok szerepe a kártevők elleni védekezésben különféle módszerekkel termesztett gyümölcsültetvényekben. (80/18.05.2004). 2003/04/01 – 2004/09/30 Universitatea Sapientia – Fundaţia Sapientia**.** www. kpi.sapientia.ro.	Catedra de Horticultură	2003/ 2004	3 800 EUR

H. Creaţia artistică

H1. Participări la manifestaţii artistice internaţionale
H2. Participări la manifestaţii artistice naţionale
H3. Expoziţii, filme, spectacole, concerte, discuri de autor, opere internaţionale
H4. Expoziţii, filme, spectacole, concerte, discuri de autor, opere naţionale
H5. Produse cu drept de proprietate intelectuală în domeniul artistic

I. Premii, distincţii.

J. Citări

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ResearchGate
https://www.researchgate.net/profile/Janos-Balint-2

K. Alte realizări semnificative.

Târgu-Mureş la 12 Octombrie 2025

BÁLINT János