



Curriculum vitae Europass

Personal Information

Surname/ Name

ARDELEAN AUREL

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Nationality

Romanian

Date and Place of Birth

July 4, 1939, Chişineu Criş

Gender

Male

Professional experience

Period

2012- Present

Position or occupancy

President of the “Vasile Goldiş” Western University of Arad and Board of Directors’ President; President of the “Vasile Goldiş” University Foundation of Arad; President of the Foundation for Cellular and Molecular Medicine of Romania
Director – Doctoral School of Biology - IODAS – VGWU Arad
Director – Institute for Life Sciences –VGWU Arad
Managerial, teaching and scientific research activities

Main activities and responsibilities

Employer’s name

The “Vasile Goldiş” Western University of Arad

The “Vasile Goldiş” University Foundation of Arad

Type of activity or field of activity

Higher education, research – development - innovation

Secondary education

Period

1993- 2012

Position or occupancy

Rector

Main activities and responsibilities

Managerial, teaching and scientific research activities

The “Vasile Goldiş” University Foundation of Arad

Type of activity or field of activity

Higher education, research-development-innovation

Secondary education

Period

2001 – present

Position or occupancy

PhD supervisor

Main activities and responsibilities

Supervising PhD thesis

Employer’s name

The “Vasile Goldiş” Western University of Arad (transfer by OMERYS from the University of Oradea)

Type of activity or field of activity

Higher education, scientific research

Period

1996 – present

<i>Position or occupancy</i>	Professor
<i>Main activities and responsibilities</i>	Teaching, research activities
<i>Employer's name</i>	Faculty of Medicine and Pharmacy, the University of Oradea The Faculty of Medicine, Pharmacy and Dentistry of the "Vasile Goldiș" Western University of Arad
<i>Type of activity or field of activity</i>	Higher education, scientific research
<i>Type of activity or field of activity</i>	Higher education, research-development-innovation
	TEACHING ACTIVITY
	Pharmaceutical botany, Cellular and molecular biology
	SCIENTIFIC AND RESEARCH ACTIVITY
	<ul style="list-style-type: none"> - Books, treaties, monographs – author/ co-author 85 - Books, treaties, monographs – editor /coordinator – 56 - published chapters in international monographs – 8 - Summary lectures, courses/ textbooks of practical works and school handbooks - 79 - Scientific papers of biology, ecology and environment protection - 60 - Papers of biology history – 12 - Indexed papers in the Web of Knowledge, Web of Science (ISI Thompson Reuters) database – 43 (more than 250 quotations); Hirsch index 15, According to Google Scholar – 810 quotations - ISI Proceedings Paper – 4 ; - Meeting Abstracts - 28 - Papers published in CNCSIS B+ journals (BDI indexed) – 82 - Papers published in CNCSIS B journals - 24 - Communications in international conference/ congresses - 35 - Communications in national scientific conferences - 208 (of which 71 published in volumes with in extenso; 65 published in volumes with abstracts; 63- oral/ not published presentations, 9 oral/ published presentations; - director/responsible with grants and projects in the field: 15 international (10 - manager/ partner coordinator, 5 member); 16 national, of which (10 director/ partner coordinator, 6 member) - 3 inventions patents - organizer/ co-organizer of more than 150 scientific events at national level/ with international participation
<i>Period</i>	1981- 1989
<i>Position or occupancy</i>	Teacher
<i>Main activities and responsibilities</i>	Teaching activities
<i>Employer's name</i>	The Moise Nicoară High School of Arad
<i>Type of activity or field of activity</i>	Secondary education
<i>Period</i>	1971
<i>Position or occupancy</i>	Specialization school inspector
<i>Main activities and responsibilities</i>	coordination, training on teaching activities in the field of biology
<i>Employer's name</i>	County School Inspectorate of Arad
<i>Type of activity or field of activity</i>	Secondary education
<i>Period</i>	1968
<i>Position or occupancy</i>	Tenured biology teacher
<i>Main activities and responsibilities</i>	Teaching activities
<i>Employer's name</i>	The Pedagogic High School of Arad
<i>Type of activity or field of activity</i>	Secondary education

Period 1965- 1967
Position or occupancy School inspector for biology
Main activities and responsibilities Coordination, verification of educational activities
Employer's name Department of education of Chişineu Criş
Type of activity or field of activity Secondary education

Period 1965-1962
Position or occupancy Teacher of biology
Main activities and responsibilities Teaching activities
Employer's name Theoretical High School of Chişineu Criş
Type of activity or field of activity Secondary education

Education and training

Period 1974- 1980
Acquired qualification/ diploma Doctor in Biological Sciences, with the thesis "Flora and Vegetation of the Valley of Crişul Alb, between the springs and the town of Ineu"
Main studied subjects/ acquired professional skills Biology – Geo-botany
Name and type of the education institution/ formation supplier The Babeş – Bolyai University of Cluj- Napoca, Faculty of Biology

Personal skills and competencies

Mother tongue(s)
Foreign language(s)
Self-evaluation
European level (*)

Romanian

French, English

	Understanding		Speaking		Writing
	Listening	Reading	Participation in the conversation	Oral speech	Writing
French	C2 Experienced user	C Experienced user	C Experienced user	C Experienced user	B Independent user
English	C1 Experienced user	B Experienced user	B Experienced user	B Experienced user	B Experienced user

(*) Level of the Common European Framework for Languages

Social skills and competencies Team spirit, capacity of integration, skills in communication
Organization skills and competencies Leader, advanced organization spirit, pragmatism
Computer skills and competencies Word, Excel
Driving licence(s) B Class
Other skills and competencies Member in PhD commissions, contests – teaching positions, admission Evaluator in CEEX, PNCDI I, PNCDI II, UEFISCDI competitions

Professional affiliations

Member of some Academies of Romania

- Tenured Member of the Academy of Medical Sciences of Romania
- Honorary Member of the Academy of Scientists of Romania (AOŞR)

Member in international scientific/ professional organizations/ societies

- European Academy of Science and Arts, Vienna/ Salzburg (EASA)
- Albert Schweitzer World Academy of Medicine, Warsaw
- Academia Brasileira de Ciências, Sao Paulo
- Academy of Science New York
- European University Association (E.U.A)

- National Association of Biotechnology, Norwich, UK
- International Association for Ecology (INTECOL)
- European Association for Research on Plant Breeding Montpellier, France (EUCARPIA)
- Cellular Biology Society of York University, England
- Electronic Microscopy Society
- Royal Society of Ecology, Denmark
- National Society of Ecology, Hungary
- European Society of Human Genetics, Geneva
- Danube Rectors Conference (DRC)

Member in national scientific organizations/ professional societies:

- National Society of Cellular Biology; President of the Romanian Society of Cellular Biology (SRBC) Arad Branch
- Society of Biologic Sciences of Romania
- National Society of Normal and Pathologic Morphology of Romania
- National Association of Botanic Gardens of Romania ANGBR, President of the Arad Branch
- National Committee of Science History and Philosophy CRIFST, Division History of Science, Romanian Academy
- Technical Committee of Medicinal and Aromatic Herbs (by Disposition of the Ministry of Agriculture and Rural Development, Ministry of Health, Ministry of Environment and Climate Change)
- National Commission of Bioethics of Medicines and Medical Devices (GD No. 877/2013; Minister of Health Disposition No. 34/2014)
- Commission for Biological Safety / the National Agency for Environment Protection/ Ministry of the Environment

Editorial committees of some national or international journals

Editor in Chief of peer review journals and of international editorial boards

- Studia Universitatis "Vasile Goldiș" Seria Științele Vieții (Life Sciences Series)
- Annals of the Romanian Society for Cell Biology (SRBC)
- Current Issues in Cellular and Molecular Biology (Probleme curente în Biologia Celulară și Moleculară)

Member in editorial committee in ISI³ quoted journal

- Journal of Cellular and Molecular Medicine, Faculty of Medicine Carol Davila University of Medicine and Pharmacy, Bucharest, Ed. Carol Davila University Press (- 2009)
- Romanian Journal of Morphology and Embryology (Journal of the Romanian Society of Morphology), Romanian Academy Publishing House

Member in the editorial committee of journals with peer review and international publishing teams

- Revista de Politica Științei și Scientometrie – Serie nouă (editată sub egida MEN, ANCS, Colegiul Consultativ pentru CDI, CNCS) – The Journal of Science Policy and Scientometrics – new series (published under the aegis of MNE, NASR, Consultative Collegium for RDI, NCSR)
- Revista „Noema”, Comitetul Român de Istoria și Filosofia Științei și Tehnicii (sub egida Academiei Române) – The journal “Noema”, Romanian Committee of Science and Technics History and Philosophy (under the aegis of the Romanian Academy)
- Annals Series in Biology Sciences, Academy of Romanian Scientists

Acknowledgement of the professional prestige

Distinction/award for professional/ scientific contributions, awarded by the Romanian Academy

- The “Emanoil Teodorescu” award for the paper “*Flora și vegetația Munților Zărand*” – *Flora and Vegetation of Zarand Mountains* (team Cluj)- 1981, Romanian Academy
- The “Emil Racoviță” Award of the Romanian Academy, 2009, for the paper *Biochimie (Fotosinteză, Reglaj hormonal, Informație genetică)/ Biochemistry (Photosynthesis, Hormonal Regulation, Genetic Information)*; Authors: Aurel Ardelean, Alfa Xenia Lupea
- The “Petre S. Aurelian” Award of the Romanian Academy, 2009, for the paper “Aspecte metodologice în cercetarea științifică” – “*Methodological Aspects in Scientific Research*”, Authors: Aurel Pisoschi, Aurel Ardelean

Distinction/award for professional/ scientific contributions, awarded by the ROMANIAN PRESIDENCY

- National Order “Faithful Service” in rank of Knight, Romanian Presidency 2003, for the particular contribution brought to the development of Romanian education, for the entire teaching and research activity

Distinction/award for professional/ scientific contributions, awarded by the ROMANIAN PATRIARCHY

- Homage Medal and Diploma “Holy Emperors Constantine and Elena”, on the occasion of the Homage Year “Holy Emperors Constantine and Elena”, in sign of respect for the carried on activity within VGWU and Romanian Orthodox Church, 2013

Distinction/award for professional/ scientific contributions, awarded by the MILITARY ORDER OF ROMANIA, member of the European Parliament, NATO and OSCE

- Diploma of Member of Honor in rank of Commander -Membru de Onoare în Grad de Commander- “as sign of acknowledgement of the recognition of the contribution for NATION emancipation”, 2014

Doctor Honoris Causa

- Doctor Honoris Causa of the University “Liberty” of Sacramento, California, USA, 1999;
- Doctor Honoris Causa of the Banat University of Agriculture Sciences and Veterinary Medicine of Timișoara, 2007;
- Doctor Honoris Causa of the Transcarpathia University of Ujgorod, Ukraine, 2009;
- Doctor Honoris Causa of the “Danubius” University of Galați, 2009.

Distinction/award for professional/ scientific contributions (papers, books, inventions, artistic events), awarded by the Ministry of National Education or of other professional or scientific organization of Romania

- Bronze medal “INVENTIKA- 2008 for the paper “*Diosgenia, principiul activ al extractelor de Trigonella sp. ar putea introduce apoptoza celulelor canceroase MCF7 prin activarea caspazelor*”- “*Diosgenin, the Active Principle of Trigonella sp., Might Introduce the Apoptosis of the MCF7 Cancerous Cells by Activating the Caspases*” , (National Authority for Scientific Research, ANCS- MEdCT), 2008;
UEFISCDI awarding the research results:
- PN-II-RU-PRECISI- 2014-8-7311, *Protective effects of naringenin on carbon tetrachloride- induced acute nephrotoxicity in mouse kidney* , CHEM-BIOL INTERACT (Hermenean, A., **Ardelean**, A, Stan, M., Herman, M., Mihali, C., Costache, M., Dinischiotu, A.,)
- PN-II-RU-PRECISI- 2014-8-7335 , *Antioxidant and Hepatoprotective Effects of Naringenin and Its b-Cyclodextrin Formulation in Mice Intoxicated with*

Carbon Tetrachloride: A Comparative Study , J MED FOOD (Hermenean, A., Ardelean, A., Stan, M., Herman, H., Mihali, C., Costache, M., Dinischiotu, A.,)

Distinction/award for professional/ scientific contributions (papers, books, inventions, artistic events), awarded by international institutions/organizations

- „Excellence Award for Cross-border Cooperation in the DKMT Euroregion - 2013”, DKMT Euroregional Cooperation, for the project with the title “*Integrated cross - border research platform to identify cellular processes as potential targets for personalized cancer therapies*” (HUCanceRO), implemented in the framework of the Hungary- Romanian Cross- Border Co-operation Programme
- „Excellence Award for Cross-Border Cooperation in the DKMT Euroregion - 2015”, DKMT Euroregional Cooperation, for project named “*Integrated cross - border research platform to identify cellular processes as potential targets for personalized cancer therapies*” (HUCanceRO), implemented in the framework of the Hungary- Romanian Cross- Border Co-operation Programme

Decoration, honorary title (other than the professional/ scientific ones) at national level

- Title of Citizen of Honor of Arad Municipality, 1998
- Honorary title of “Personality of Arad County”, awarded by Arad County Council, May 15, 2015
- Title of “Citizen of Honor” of Baia Mare Municipality, awarded by the Local Council of the Baia Mare Municipality, September 24, 2015
- Title of Citizen of Honor of Sebiş Municipality, Arad County, 2013
- Title of Citizen of Honor of Chişineu – Criş Municipality, Arad County, 2000

Prof. AUREL ARDELEAN, PhD



CURRICULUM VITAE EUROPASS

APPENDIXES

Prof. Aurel Ardelean, PhD

I. List of publications (1969 - 2017)

II. Research Projects

I. LIST OF PUBLICATIONS

Books, treaties, monographs

1. **Ardelean,A.**, *Nature Protection in Arad County*, Ed. Gutenberg Arad, 1971, p. 200.
2. **Ardelean,A.**, Truță,H., *The Arboretum Sylva - Gurahonț*, 1983, Ed. Gutenberg Arad,1983, p. 220.
3. Mohan,G., **Ardelean,A.**, Georgescu,M., *Reservations and Nature Monuments of Romania*, Ed. "Scaiul" Bucharest,1993, ISBN 973-95257-3-3, 978-973-95-25-7-3, p. 259.
4. Gavrilă,L.,**Ardelean,A.**,Dăbală,I., Soran,V., *Evolutionism*, Ed Mirton Timișoara, 1994, ISBN 937-96652-0-9, p. 214.
5. **Ardelean,A.**, *Protection, Preservation, Diversity*, Ed. Mirton Timișoara, 1995, ISBN 973-9194-89-3, p.110.
6. Mohan,G., **Ardelean,A.**, Covaci,P., Bejenaru,P., *Trees and Shrubs of Romania*, Ed. Universității "Vasile Goldiș" Arad, 1995, ISBN 973-97289-0-1, p. 197.
7. Cachița-Cosma,D.,**Ardelean,A.**, *Procaine - Bioeffector in Humans, Plants, and Animals*, Ed. Mirton Timisoara, 1996, ISBN 973-578-133-6, p. 167.
8. Cachița-Cosma,D.,**Ardelean,A.**, *Procaine – Stimulator of Plants Growth*, Ed. Universității "Vasile Goldiș" Arad, 1996, p. 57.
9. **Ardelean,A.**,Mohan,Gh., Nedelcu,G., *Medicinal Herbs of Banat*, Ed. Mirton, Timișoara 1997, ISBN 973-578-237-5, p. 220.
10. **Ardelean,A.**,Mohan,Gh., *Medicinal Herbs of the Western Romania and Their Importance in Disease Therapy*, Ed. Mirton Timișoara,1997, p. 230.
11. Mixich,F.,Cruce, M., **Ardelean,A.**, Tosici,A., Berceanu-Văduva,M., Berceanu, Văduva,D., *Experimental Principles in Cellular Biology*, Ed. Sitech Craiova, 1997, ISBN 973-9346-07-3, p. 204..
12. Cachița-Cosma,D, **Ardelean,A.**, Crăciun,C., *Actualities and Perspectives in Vegetal Biotechnologie*, Ed. Universității "Vasile Goldiș" Arad,1997, ISBN 973-98095-1-0, p. 250.
13. Lupea,X.,**Ardelean,A.** *Biochemistry of the Effort*, Ed. Mirton Timisoara, 1997, ISBN 973-578-211-1, p. 240.
14. Mohan,Gh.,**Ardelean,A.**, *Bryophytes- determinant ilustrat din Flora Romaniei*, "Vasile Goldiș" University Press Arad,1998, ISBN 973-9328-19-9.

15. Plachitiu, M.G., **Ardelean,A.**, *Transparent of Pharmacology*, Ed. Universităţii "Vasile Goldiş" Arad,1998.
16. Cruce,M., Mixich,F., Zaharia,C., Cruce,R., **Ardelean,A.**, *Cytoskeleton and Cellular Motility*, Ed.Aius Craiova, 1998, ISBN 973-9251-56-0, p. 223.
17. Mohan,Gh., **Ardelean,A.**, Nedelcu,G., *Medicinal Herbs of Arad*, Ed. Universităţii "Vasile Goldiş" Arad, 1998, p. 260.
18. Mohan,Gh., **Ardelean,A.**, Mohan,R., *Plants and Health*, Ed.,„Scaiul" Bucharest, 1998, p. 310.
19. Kalman,V., **Ardelean,A.**, Bartok,K., *Carl Linne (1707-1778) Life, Work, Confessions*, Ed. Risoprint Cluj-Napoca, 1999, ISBN 973-9464-11-4, p. 202.
20. Crăciun,C., Florea,A., Dragoş,N.,**Ardelean,A.**, *Introduction to Cell and Molecular Biology*, Ed. Cluj University Press, 1999, ISBN 973-9354-91-2, p. 401.
21. **Ardelean,A.**, *Flora and Vegetation of Crisul Alb Valley – from Sources till the Exit of the Country*, Ed. Universităţii "Vasile Goldiş" Arad, 1999, ISBN 973-9328-42-3, p. 311.
22. Cruce,M., **Ardelean,A.**, *Cellular and Molecular Biology*, Ed. Aius Craiova, 1999, ISBN 973-9251-87-0, p. 325.
23. Mohan,Gh., **Ardelean,A.**, Titu,H., *Dictionary of Romanian Biologists*, vol. I, A-M, Ed. Mediagraf Arad, 2000, p. 658..
24. Mohan,Gh., **Ardelean,A.**, Titu,H., *Dictionary of Romanian Biologists*, vol. II, N-Z, Ed. Mediagraf Arad, 2000, p. 1243..
25. **Ardelean,A.**, Oarcea,Z., Maior,C., *Natural Scientific Heritage of Arad County*, "Vasile Goldiş" University Press Arad, 2000, ISBN 973-9328-57-1, p. 122.
26. **Ardelean,A.**, Covaci,P., Truţă,H., *Wood Plants of the University Botanic Garden of Macea*, "Vasile Goldiş" University Press Arad, 2000, 973-9328-45-8, p.116.
27. **Ardelean,A.**, Dumescu, F., Truţă, H., Covic, M., *Natural Reservations and Natural Monuments of the Arad County*Arad, Ed. Servo-Sat Arad, 2000, ISBN 973-9442-10-2, p.180.
28. **Ardelean,A.**, Covaci,P., *The University Botanic Garden of Macea*, "Vasile Goldiş" University Press Arad, 2000, 973-9328-46-6, p.48.
29. Paşca,C., Crăciun,C., **Ardelean,A.**, *Secondary Effects of Some Cytostatic Medicines on the Body*, Ed. Risoprint Cluj-Napoca, 2000, ISBN 973-656-028-7, p. 307.
30. **Ardelean,A.**, *Atlas of Cell Biology,1st edition*, The Foreign Languages Press Group "Romania", Bucharest, 2000, ISBN 973-99751-2-7, p.175.
31. Nemeth,T, **Ardelean,A.**, Szabo,L., Fodor,P., *Pharmacognostic Analyses*," Vasile Goldiş" University Press Arad, 2000, p.213.
32. Mărgărint,M.,**Ardelean,A.**, *Adjuvant Therapy in Family Medicine*, Ed. Servo-Sat Arad, 2000, ISBN 973-9442-18-8, p. 194.
33. Cruce,M., **Ardelean,A.**, Cotrutz,C., Crăciun,C., Cruce,R, Neacşu,I., Checui,I., *Cellular and Molecular Biology*, 2nd Edition, Ed. Aius Craiova, 2000, ISBN 973-9251-87-0, p. 326.
34. **Ardelean,A.**, Tripşa,M.F., *Transport Mechanisms in Biological Systems*, The Foreign Languages Press Group Romania, Bucharest, 2001, ISBN 973-99751-7-9, p. 119.
35. **Ardelean,A.**, Tripşa,M.F., *Transport Mechanism in Biological Systems*, The Foreign Languages Press Group Romania, Bucharest,2001, ISBN 973-99751-7-8, p. 119.

36. Cruce,R., Zaharia,C, **Ardelean,A.**, Tudorică,V.,Cruce,M. ,*Molecular Pathologies of Some Neurological Conditions*, Ed. Aius Craiova,2001, ISBN 973-9490-58-1, p. 191.
37. Tauber,F.,**Ardelean,A.**, *Paliurus Spina-Christi – A Survivor over Millennia*, 2nd edition, “Vasile Goldiș” University Press Arad, 2002, ISBN 973-8161-93-2, pg. 94.
38. **Ardelean,A.**,Covaci,P.,Truță,H. *Wood Plants of the University Botanic Garden of Macea*, 2nd edition, “Vasile Goldiș” University Press, Arad, 2002, ISBN 973-8161-92-4, p.107.
39. **Ardelean,A.**, Dumescu,F., Maior,C., Covic,M., *Natural Reservations and Monuments of the Nature of the Arad County*, 2nd edition, “Vasile Goldiș” University Press Arad, 2002, ISBN 973-8161-95-9, p. 194.
40. **Ardelean,A.**, Covaci,P., *The University Botanic Garden of Macea*, “Vasile Goldiș” University Press Arad, 2002, ISBN 973-8161-68-1, p. 143.
41. Mixich,F., **Ardelean,A.**, *Fundamental Principles of Molecular Biology*, Ed. Medicală Universitară Craiova, 2002, ISBN 973-8354-19-6, p. 314.
42. **Ardelean,A.**, *Monograph of the Arad County Flora*, “Vasile Goldiș” University Press Arad, 2002.
43. Lupea,A.X., **Ardelean,A.**, *Elements of Biochemistry*, Ed. Politehnica Timișoara, 2002.
44. **Ardelean,A.**, Covaci,P., *The Macea University Botanic Garden*, “Vasile Goldiș” University Press Arad, 2002, ISBN 973-8161-91-6, p.143.
45. **Ardelean,A.**, Nedelcu,G., Mohan,Gh., *Professor dr. docent Ion T. Tarnavski (1904-1989)*, “ Vasile Goldiș” University Press Arad, 2003, ISBN 973-664-016-7.
46. Marinescu,M, **Ardelean,A.**, Botea,M., Marcu,V., *Introduction in the Didactics of the Biology* “Vasile Goldiș” University Press Arad, 2003, ISBN 973-7756-01-0, p. 267.
47. Cachiță-Cosma,D., Deliu,C., Rakosy-Tican,L., **Ardelean,A.**, *Treaty of Vegetal Biotechnology-* vol. I, Ed. Dacia Cluj-Napoca, 2004, ISBN 973-35-1798-4, p. 433.
48. Negrea,S., Negrea,A., **Ardelean,A.**, *Biodiversity in Underground Environments of Romania*, “Vasile Goldiș” University Press Arad, 2004, ISBN 973-664-069-8, p. 248.
49. **Ardelean,A.**, *Atlas of Cell Biology*, 2nd edition, The Foreign Languages Press Group Romania, Bucharest, 2004, ISBN 973-99751-2-7.
50. Cruce,M., Stănoiu,B., Cruce,R., **Ardelean,A.**, Pirici,D., Pisoschi,C., *Cellular Signalization Pathways and Networks*, Ed. Aius Craiova, 2004, ISBN 973-700-004-8, p. 218.
51. Suceveanu,A.N., **Ardelean,A.**, Ardelean,D., Seiman,C.D., Nuțiu,R., *Pyrimidinic Compounds – Potential anti-HIV Drugs*, “Vasile Goldiș” University Press, Arad, 2004, ISBN 073-664-056-6, p.112.
52. Mohan,Gh., **Ardelean,A.**, *Encyclopedic Dictionary of Biology*, Vol. I., Ed. All Educational, Bucharest, 2004, ISBN 978-973-684-580-X, p. 81.
53. **Ardelean,A.**,Covaci,P., *The University Botanic Garden of Macea - Ediția a 2-a*, “Vasile Goldiș” University Press Arad, 2005, ISBN 973-664-085-X, p. 140.
54. Cărăbaș,M, **Ardelean,A.**, *Classical and Modern Techniques of Chromosomes Highlighting at the Animals*, “Vasile Goldiș” University Press, Arad, 2005, ISBN 973-664-096-5, p. 117.
55. **Ardelean,A.**, *Flora and Vegetation of Arad County*, Ed. Academiei Române, Bucharest, 2006, ISBN 973-27-1315-1, p. 508.

56. **Ardelean,A.**, Mohan,Gh., *Systematic Botany (Bryobionta, Tracheobionta)*, "Vasile Goldiș" University Press Arad, 2006 (10) ISBN 973-664-132-5; (13) 978-973-664-132-9, p. 646.
57. **Ardelean,A.**, Dobrescu,E.M., Pisoschi,A., *Assessment of the Scientific Research Activity*, Ed. C.H. Beck Bucharest, 2006(10), ISBN 973-655-978-5; (13) 978-973-655-978-5, p. 231.
58. **Ardelean,A.**, Karacsony,K., Ardelean,G., *A History of Research of the Earth Flora*, Ed. Daya Satu-Mare, 2006, ISBN 973-7756-14-2, p. 181.
59. Mohan,Gh.,**Ardelean,A.**, *Natural Parks and Reservations of Romania*, Ed. Victor B Victor Bucharest, 2006(10), ISBN 973-86818-8-X; (13), ISBN 978-973-86818-8-0, p. 351.
60. **Ardelean,A.**, Lupea,A.X., *Biochemistry. Photosynthesis. Hormonal Regulation. Genetic Information*, Ed. Academiei Române, Bucharest, 2006, ISBN 978-973-27-368-6, p.432.
61. Pisoschi,A., **Ardelean,A.**, *Methodological Aspects in Scientific Research*, Ed. Academiei Române, Bucharest, 2007, ISBN 978-973-27-1534-5, p.314.
62. Mohan,Gh., **Ardelean,A.**, *Encyclopedic Dictionary of Biology*, Vol. I, A-L, Ed. ALL Bucuresti, 2007, ISBN 973-684-620-2, p. 430.
63. Mohan,Gh., **Ardelean,A.**, *Encyclopedic Dictionary of Biology*, Vol. II, M-Z, Ed.. ALL Bucharest, 2007, ISBN 973-684-620-2, p.446.
64. Lupea,A.X, **Ardelean,A.**, Gharibec- Branic,A., Ardelean,D., *Essentials of Environmental Chemistry*, Ed. Didactică și Pedagogică Bucharest, 2008, ISBN 978-973-30-2015, p. 431.
65. **Ardelean,A.**, Mohan,Gh., *Medicinal Flora of Romania*, Ed. ALL Bucharest, 2008, ISBN 978-973-571-838-1, p. 400.
66. Schneider,Fr., **Ardelean,A.**, Moș,L., *Biology of the Food, and Physiological Nutrition*, Ed. Viața Medicală Românească Bucharest, 2008, ISBN 978-973-160-025-3, p. 140.
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41. **Ardelean,A.**, Pribac,G.C., *Comparative study of various methods for DNA extraction and purification from human blood*, The 9th International Symposium of Molecular Medicine, Society and Public Health, Cluj-Napoca, 2004.
42. **Ardelean,A.**, Pribac,G.C., Hermenean,A., Ghilea,M., *Methods of Molecular Biology used in prevention and treatment of HIV/AIDS Infection, Symposium of Cell and Molecular Biology- a Key to Defeat Global Risk Diseases: Atherosclerosis, Diabetes and Immune Disorders*, Bucharest, 2004.
43. **Ardelean,A.**, Pribac,G.C., Hermenean,A., Ciobanu,C., *DGGE vs. DHPLC – molecular biology techniques used for genetical mutations detection*; The 28th Balkan Medical Week & The 7th Congress of the Mediterranean Medical Union, Oradea, 2004.
44. **Ardelean,A.**, Precup,C., Pribac,G.C., Hermenean,A., *Assessment of the Genetic Risk Factors in Breast and Ovary Cancer by Detection of the BRCA 1 and 2 Genes Mutations by Using DGGE Technique* ; Jubilee Session of the Oncologic Institute „Prof.dr.I.Chiricuță”, Cluj-Napoca, 2004.
45. Buruiană,V.,**Ardelean,A.**, *Biodiversity and “in situ” and “ex situ” Preservation of the Species from the Spontaneous and Cultivated Flora*, Symposium Earth Days, Arad, 2004.
46. **Ardelean,A.**, Pribac,G.C., Hermenean,A., Ghilea,M., *Methods of molecular Biology used in Prevention and Treatment of HIV/AIDS Infection*; 25 years Anniversary Workshop: Cell and Molecular Biology a Key to Defeat Global Risk Diseases and Immune Disorders, Bucharest, 2004.
47. Hermenean,A., **Ardelean,A.**, Pribac,G.C., Tămaș,M., *Morpho-functional Restoring of the Hemato- and Lympho-poietic Organs at Rats undet the Action of Some Vegetal Extracts, Consecutive to the Chemotherapy in Cancer*; Jubilee Session of the Oncologic Institute „Prof.dr.I.Chiricuță”, Cluj-Napoca, 2004.
48. Hermenean,A., **Ardelean,A.**, Pribac,G.C., Tamas,M., *Morfo-functional rehabilita-tion of hematic and lymphoid systems in rats under the effect of some vegetal extracts, following chemotherapy in cancer*; Anniversary Session 75 Years of "Prof. Dr. I. Chiricuta" Oncologic Institute Cluj-Napoca, 2004.
49. **Ardelean,A.**, Precup,C., Pribac,G.C., Hermenean,A., *Evaluation of genetic risk factors in breast and ovarian cancer through mutation detection of BRCA 1 and 2 genes using DGGE technology*; Anniversary Session 75 Years of "Prof. Dr. I. Chiricuta" Oncologic Institute Cluj-Napoca, 2004.
50. **Ardelean,A.**, Rusu,M.A., Crăciun,C., Puica,C., Tamas,M., Pribac,G.C., *Effects of Chelidonium majus extract in rat*

hepatic intoxications induced by CCl₄. *Structural and ultrastructural studies*; The 6th DKMT Meeting on Environmental Medicine and Health, Timisoara, 2004.

51. Hermenean, A., Pribac, G.C., **Ardelean, A.**, Crăciun, C., Tamas, M., *Structural and Ultrastructural Restoring of the Rat Liver after Novostim Therapy*, Communications Session of the Faculty of Medicine of Craiova, 2005.

52. **Ardelean, A.**, Hermenean, A., Pribac, G.C., *Morphological Changes of the Hematogene Rat Marrow after Administering Cytostatics*, Communications Session of the Faculty of Medicine of Craiova, 2005.

53. Soran, V., **Ardelean, A.**, Maior, C., Buruiana, V., Stana, I.O., Jireghie, V., Ardelean, G., *Econumerological Comparison between the Pteridophyte and Spermatophyte Flora of Romania and Two Local Floras from the Western Part of the Country*; The Academic Days of Arad, XV-th Edition, 2005.

54. **Aurel Ardelean**, „Annual Conferences of EUA (Bruxelles) and F.E.D.E. (Spain)-as Landmarks of Quality in European Higher Education”, The Academic Days of „ Vasile Goldiș” Western University of Arad, The 24rd Edition, 16- 18 May 2014.

55. **Aurel Ardelean**, “CARL LINNAEUS – A FORERUNNER OF MODERN BIOLOGY”, Section V, *Biological and Live Science Research : Prospectives*, ”, The Academic Days of „ Vasile Goldiș” Western University of Arad, The 25rd Edition, 14- 17 May 2015.

56. **Aurel Ardelean**, „MOLECULAR MECHANISMS OF SINGALING IN PLANTS”, Section V, *Biological and Live Science Research : Prospectives*, ”, The Academic Days of „ Vasile Goldiș” Western University of Arad, The 25rd Edition, 14- 17 May 2015.

57. G.C.Pribac, C.Crăciun, C.Roșioru, C.Neamțu, **A.Ardelean**, B.Totolici, *Fenugreek powder exerts protective effects on alcoholised rats kidney, highlighted using ultrastructural studies*, 3rd National Symposium of Microscopic Morphology, Craiova, 4- 6 June 2015.

58. **Ardelean**, C.M. Petrescu, M. Ardelean – *Evaluation of plant germplasm to conserve biodiversity in the West- Side of Romania*”, Section V. - *Present and prospects in Life Sciences Research (Biological Science)*, The Academic Days of „ Vasile Goldiș” Western University of Arad, The 24rd Edition, 16- 18 May 2014

59. **Ardelean**, G.G. Arsene, I. Don, C. Don, I. Daraban, M. Pascu, I. Stana, M.L. Brad, M. Petrescu, M. Ardelean, V. Turcus, *Cross-border cooperation for the protection and promotion of plant diversity - project results presentation*, Section V. - *Present and prospects in Life Sciences Research (Biological Science)*, The Academic Days of „ Vasile Goldiș” Western University of Arad, The 24rd Edition, 16- 18 May 2014.

60. **A.Ardelean**, „*Active Principles in Biomedical Research*”, IXth National Congress of Cellular Biology with international participation, Iasi, 7-11 June 2017- oral presentation

61. **A. Ardelean**, „*Cellular and Molecular Basis in ALZHEIMER’s Disease and Therapeutic Perspective from Approach of the Molecular Biology*”, The Academic Days of „ Vasile Goldiș” Western University of Arad, 27th Edition, 19-21 May 2017 – oral presentation

62. **A.Ardelean**, „*Danube Strategy – Present and Perspectives*”, 27th Academic Days of Arad, Arad, Romania, 19- 21 May 2017 – oral presentation

63. V. Turcuș, V. Bota, **A. Ardelean**, C.V.Mihali, *The manner of storage and the location of some active principles in *Oenothera biennis* l. species using transmission electron microscopy (tem) and elemental microanalysis (edx)*, IXth National Congress of Cellular Biology with international participation, Iasi, 7-11 June 2017

d) Orally presented and published in volumes

1. Anca Hermenean, Alexandra Balita, Hildegard Herman, Bianca Onita, **Aurel Ardelean**, *Integrated use of histological and ultrastructural biomarkers in *Leuciscus cephalus* (L.) for assessing heavy metal pollution in Tur river, Romania*, The Central and Eastern European Conference on Health and the Environment, May 25–30, Cluj-Napoca, 2014

2. Petrescu M., Ardelean, M., **Ardelean Aurel**, Bratosin, D., Cachiță, C.D., Turcuș, V., Hermenean, A., 2014, *Electron-*

microscopy analysis and morphological aspects induced by pentachlorophenol in microalgae belonging to Chlorella fusca species, The Central and Eastern European Conference on Health and the Environment, May 25-30, 2014, Cluj- Napoca, 2014

3. **Aurel Ardelean**, “*The impact of the teaching and understanding of the molecular mechanisms underlying the cellular processes*”, - Minisymposium – The significance of teaching cell biology in university: impact and methods”, SRBC, 11- 14 iunie 2015. Baia Mare

4. N. Anghel, A. Ivan, M.Suciu, Hildegard,H., C.Baltă, C.Cotoraci, Z. Galajda, **A. Ardelean**, A.Hermenean, „*Chrysin attenuates cardiomyocyte apoptosis and loss of desmin filaments in a mouse model of mitoxantrone cardiotoxicity*”, PHD Candidates – Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

5. M.Ardelean, **A. Ardelean**, D.C. Cosma, F.C. Ladaşiu- Ciolacu, „*Anthocyanin accumulation observed in callus cultures of Sedum Telephium Ssp. Maximum L.*”, PHD Candidates – Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

6. B. Oniţă, **A. Ardelean**, A. Hermenean, „*Histological and immunohistochemical biomarkers in gills, kidney and liver of three fish species for assessing pollution in Crisul Negru River, Romania*”, PHD Candidates – Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

7. Folk, C.Baltă, H., Hildegard, **A. Ardelean**, A.Hermenean, „*Hepatotoxicity avaluation of amphotericin B and flutocysine co-treatment for invasive fungal infections*”, PHD Candidates – Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

8. Baltă, H. Hildegard, O-A. Boldura, M.Roşu, I. Gâscă, **A.,Ardelean**,A.Hermenean, „*Antifibrotic activity of chrysin in carbon tetrachloride-induced liver damage in mice*”, PHD Postdoctoral – Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

9. P. Albu, B.Oniţă, E. Baranyai, S.Harangi, S.Keki, T.Nagy, J.Vilmos, G.Denes, G.Karoly, D.Ardelean,**A.,Ardelean**,A.Hermenean,“*Bioaccumulation and hisopathological bio- markers on wild fish living in Crisul Negru-River from North- Western Romania as a result of the impact of trace metals* - Minisymposium, SRBC, 11- 14 iunie 2015. Baia Mare

II. RESEARCH PROJECTS

Research contracts: 15 international (10 manager/partner coordinator, 5 member); **16 national**, of which (10 manager/partner coordinator, 6 member)

I1.1. PROJECTS WITH INTERNATIONAL FUNDING

a) Project manager/ Partner responsible

1. PIN-MATRA, Contract No: 00.B.4.21/2000-200– National Grassland Inventory Project Romania, The Royal Dutch Society of Nature Conservation, 2002; position in the project: Partner project manager

2. IPA, Contract No: 24/2003-2005, Important Plant Areas (IPAs) in Romania, Ministry of Agriculture, Fisheries & Natural Management of the Netherlands, 2003; position in the project: Partner project manager

3. Romania-Hungary Cross-border Cooperation Programme 2007-2013, HURO/0901/205/2011, „*Landscape-scale connections between the land use, habitat quality and ecosystem goods and services in the Mures/Maros valley*”, 2011-2013; position in the project: Project Manager

4. Romania-Hungaria Cross-border Cooperation Programme 2007-2013, HURO/0801/194/2009 “*Habitat structure evaluation and ecosystems services on Mureş and Crişul Alb rivers valleys*”, 2009-2010 (57.315,50 Euro); position in the project: Project Manager

5. Programme of bilateral cooperation – joint projects Academy of Medical Sciences – National Agency for Scientific Research 2010-2011, *Detection of the changes caused by DDW in phenotypic and genotypic polymorphism at species of Trichogramma collected from polluted ecosystems*, (8600 RON/2010); position in the project: Coordinator project partner

6. SOPHRD/ESF AI 3.2, CN 89, No 63258 – E1305 “*Post-doctoral School for Zootechnical Biodiversity and Food Biotechnologies based on the Eco-economics and Bio-economics required for the Ecosanogenesis*” (466,563.89 RON), 2010-

2013; position in the project: Coordinator project partner

7. SOPHRD/ESF, NO 77082 "PhD Scholarships for complex eco-economical and bio-economical training for food and fodder safety and security of anthropic ecosystems" (2,513,118. 40 lei), 2010-2013; position in the project: Coordinator project partner

8. HURO/1101/119/1.3.1., Cross-border cooperation for protection and promotion of plants diversity, 2013-2014, position in the project: Coordinator project partner

9. HURO/1101/173/2.2.1, Integrated cross-border platform to identify cellular processes as potential targets for personalized cancer therapies, 2013-2014, project manager

10. SOPHRD/159/1.5/ S/133391, Doctoral and post-doctoral programmes of excellency highly-qualified for research in the field of Sciences of Life, Environment and Earth, 2014-2015, Coordinator project partner

b) Member in the research team

1. Romania-Hungary Cross-border Cooperation Programme 2007-2013, HURO/0801/110/2.2.2 "In vitro study of some vegetal extracts of natural origin with emphasis on their potential antitumor effect" (151,698 Euro), 2009-2011, position in the project: Member in the research team

2. Romania-Hungary Cross-border Cooperation Programme 2007-2013, HURO/0901/058/2.2.2 "Research on the development of *Sylibum marianum* hepatoprotective nanoparticles with high bioavailability", 2010-2012; position in the project: Expert in pharmaceutical botany

3. SOPHRD/ESF AI 3.2, CN 81, No 55362 "Training program for the human resources in the biomedical and biotechnological fields" (3,916,092.5 RON), 2010-2013; position in the project: Coordinator training course

4. SOP – ENVIRONMENT, No. 991/2008 - "Drafting preservation strategies, monitoring and sustainable development plans for the SCI Lower Mures Defile, 2008-2011, position in the project: member of the project implementation unit

5. HURO/1101/ 311/1.3.1., Establishing the homeostasis status of crayfish population in Cris and Mures rivers crossing the Romanian-Hungarian border, 2012-2013.

II. 2. RESEARCH PROJECTS WITH NATIONAL FUNDING

a) Project manager/ Coordinator project partner

1. Grant CNCSIS no.622/2004, "Immuno-modulating action of the vegetal extracts obtained from species of Echinacea", 2004-2006; position in the project: Project manager

2. Grant Romanian Academy - GAR no. 63/2005: "Integrated analyze of the environmental components, identification, monitoring and management of the deteriorated ecosystems in Western area of Romania" (4000 ROM), 2005 – 2006; position in the project: Project manager

3. Grant CNCSIS no. 3GR/2006 "Study of the salty soils ecosystems from Western Romania for sustainable development", 2006 – 2008; position in the project: Project manager

4. Grant Romanian Academy - GAR no. 88/2007 "Complex ecological study on the sands from North-western Romania in order to establish a cross-border protected area" (4000 RON), 2007 – 2008; position in the project: Project manager

5. NPRDI-II, Program 4 Partnerships, no. 52121/2008 "New methods of evaluation of the sanogenesis of the products of fishery origin in order to increase food safety and provide for the sanitary-veterinary protection" (100,000 RON), 2008-2011; position in the project: Coordinator project partner

6. NPRDI-II, Program 4 Partnerships, no. 52158/2008 "Researches of identification and capitalization of the *Trichogramma* bio-forms from agri- and forestry- ecosystems, the impact and management of the introduction of the bioactive nano-materials in the oophagous reproduction technology" (400,000 RON), 2008-2011; position in the project: Coordinator project partner

7. NPRDI-II, Program 4 Partnerships, no. 2480/2007 *"Integrated strategies for reducing the negative effects of drought, heat and infestation with broomrape at sunflower crops"* (400,000 lei) 2007-2010; *position in the project: Coordinator project partner*

8. Program of Research of Excellency (CEEX), BIOTECH, contract no.11/2005 *"Obtaining some nano-composites/ nano-crystals with applications in biotechnology, agriculture, food, health and environment protection"*, program of Research of Excellency (CEEX); *position in the project: Coordinator project partner*

9. Program of Research of Excellency (CEEX), MATNANTECH, contract no. 18/2005 *"Evaluation of the level of aquatic pollution by biomarkers of apoptosis and cellular biosensors in order to bio-monitor the Danube basin and to improve the food product of fish origin"*; *position in the project: Coordinator project partner*

10. Program of Research of Excellency (CEEX), AGRAL, contract no. 35/2006 *"The study of the risk factors, quantifying their impact on the systems of agriculture, creating new genotypes and technologies required for sustainable development"*; *position in the project: Coordinator project partner.*

b) Member in research teams

1. Program 4 Partnerships in priority fields, Field 6 Biotechnologies, PN II 2007-2013, contract no. 62072/2008 *"Hepatic protective nanoparticles with increased bio-availability"*, 2008-2011; *position in the project: Member in the research team*

2. Grant Romanian Academy - GAR no. 89/2006: *"Researches on the involvement of some xenobiotics in the hepatic pathology and hepatic protection achieved by natural bio-protectors of vegetal origin"*, 2006-2008; *position in the project: Member in the research team*

3. Grant Romanian Academy - GAR nr. 64/2005 *"Structural-functional correlations on the effects of some bioactive extracts of Chelidonium majus and Berberis vulgaris at hepatic and renal levels"*, 2005-2006, *position in the project: Member in the research team*

4. ICAS Bucharest Contract no. 7/2006: Report on the Environment impact assessment study generated by the Roşia Montană project: Chapter 4.7 Landscape; 2006, *position in the project: Member;*

5. PNII-PT-PCCA-2011 *Screening of the tolerance to salinity of some local populations of vegetable in order to preserve the genetic potential and the biodiversity*, 2012-2014: *Member;*

6. PN-II-PCCA-140 *Development of some composite bio-polymer-graphene materials for manufacturing scaffolds for bone reconstruction by combining experimental techniques with molecular multi-scale modeling*; 2012-2014: *Member*

INVENTION PATENTS:

1. **European brevet P1200125/2012 Preparation of micro/nanoemulsion containing *Silybum marianum* seeds oil**, Authors: Hermenean Anca, **Ardelean Aurel**, Turcuş Violeta, Popescu Cristina, Mihali Ciprian

2. **Patent Number(s): RO126868-A0 din 2013**, Application for OSIM registration no A/00431 of May 5, 2011, **Authors:** Bratosin, D., Gheorghe A-M., Rugină, A., Sidoroff, M., **Ardelean, A.**, **Title: "Test for detecting auto-transfusion at athletes"**