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Curriculum vitae Europass

Informaţii personale

Nume / Prenume	**Gurzau Anca Elena**
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Naţionalitate(-tăţi)	
Data naşterii	
Sex	

Locul de muncă vizat / Domeniul ocupaţional

Experienţa profesională

Perioada	**2007-prezent**
Funcţia sau postul ocupat	Medic primar
Activităţi şi responsabilităţi principale	Evaluare de risc/impact sanatate
Numele şi adresa angajatorului	Cabinet de Medicina Mediului Dr. E. Gurzau, Str. Cetatii nr. 23, Cluj-Napoca
Tipul activităţii sau sectorul de activitate	Medicina mediului, epidemiologie si toxicologie de mediu
Perioada	**1997- ian 2023**
Funcţia sau postul ocupat	Medic primar
Activităţi şi responsabilităţi principale	Activitate stiintifica –proiecte nationale si internationale activitati invatamant postuniversitar
Numele şi adresa angajatorului	Centrul de Mediu si Sanatate , str.Busuiocului nr. 58, 400240 Cluj-Napoca
Tipul activităţii sau sectorul de activitate	Cercetare medicala, consulltanta in epidemiologie si toxicologie de mediu
Perioada	**1997-2008, 2011-ian 2023**
Funcţia sau postul ocupat	Director
Activităţi şi responsabilităţi principale	Coordonare activitate stiintifica –proiecte nationale si internationale, coordinare activitati invatamant postuniversitar
Numele şi adresa angajatorului	Centrul de Mediu si Sanatate , Busuiocului 58, 400240 Cluj-Napoca
Tipul activităţii sau sectorul de activitate	Cercetare medicala, consulltanta in epidemiologie si toxicologie de mediu
Perioada	**20016--prezent**
Funcţia sau postul ocupat	Cadru didactic asociat
Activităţi şi responsabilităţi principale	Predare curs: Politica sanatatii mediului/Introducere in sanatatea mediului
Numele şi adresa angajatorului	Universitatea Babes-Bolyai Cluj-Napoca, Facultatea de Stiinte Politice, Administrative si ale Comunicarii (Scoala de Sanatate Publica)
Tipul activităţii sau sectorul de activitate	Invatamant universitar nivel licenta/master
Perioada	**2006--prezent**
Funcţia sau postul ocupat	Cadru didactic asociat
Activităţi şi responsabilităţi principale	Predare curs: Securitate ecologica, managementul securitatii ecologice

Numele şi adresa angajatorului	Universitatea Babes-Bolyai Cluj-Napoca, Departamentul de Studii Internationale si Istorie Contemporana
Tipul activităţii sau sectorul de activitate	Invatamant postuniversitar: master • Managementul Relatiilor Internationale si al Politicilor Europene (2009-2010) • Managementul Securitatii in Societatea Contemporana (2011-2013) • Studii de securitate (2011-2019)
Tipul activităţii sau sectorul de activitate	Invatamant universitar si postuniversitar
Perioada	**2001-2003, 2004-2005**
Funcţia sau postul ocupat	Conferentiar asociat
Activităţi şi responsabilităţi principale	Predare curs: Evaluare de risc, Toxicologie de mediu, sanatate comunitara
Numele şi adresa angajatorului	Universitatea "Babes Bolyai" Cluj-Napoca, Facultatea de Istorie si Filozofie
Tipul activităţii sau sectorul de activitate	Invatamant postuniversitar (Masterat "Managementul relatiilor de munca si industriale – Sanatate Comunitara
Perioada	**1997-1999**
Funcţia sau postul ocupat	Medic primar
Activităţi şi responsabilităţi principale	Cercetare, consultanta, indrumare si control
Numele şi adresa angajatorului	Centrul Medical si de Servicii de Sanatate si Conducere Cluj-Napoca (actual Institutl de Sanatate Publica), str. Pasteur. Nr. 6
Tipul activităţii sau sectorul de activitate	Medicina mediului, medicina preventiva, sanatate publica
Numele şi adresa angajatorului	Centrul Medical si de Servicii de Sanatate si Conducere Cluj-Napoca (actual Institutl de Sanatate Publica), str. Pasteur. Nr. 6
Tipul activităţii sau sectorul de activitate	Medicina mediului, medicina preventiva, sanatate publica
Perioada	**1986-1997**
Funcţia sau postul ocupat	Cercetator stiintific, medic specialist/primar
Activităţi şi responsabilităţi principale	Cercetare, coordonare activitati in teritoriu
Numele şi adresa angajatorului	Institutul de Igiena si Sanatate Publica Cluj-Napoca, str. Pasteur nr. 6
Tipul activităţii sau sectorul de activitate	Epidemiologia si toxicologia mediului
Perioada	**1984-1986**
Funcţia sau postul ocupat	Medic stagiar
Activităţi şi responsabilităţi principale	Practica medicala
Numele şi adresa angajatorului	Spitalul Judetean Zalau
Tipul activităţii sau sectorul de activitate	Medicina curativa

Educaţie şi formare

Perioada	1995-1998
Calificarea / diploma obţinută	Doctor in medicina
Disciplinele principale studiate / competenţe profesionale dobândite	Igiena „Cercetari privind rolul factorului hidric in patologia infectioasa umana"
Numele şi tipul instituţiei de învăţământ	UMFIuliu Hatieganu Cluj-Napoca, 1999. Conducator stiintific Prof. Dr. Carmen Ionut
Nivelul în clasificarea naţională sau internaţională	ISCED 7
Perioada	1988-1991
Calificarea / diploma obţinută	Medic specialist
Disciplinele principale studiate / competenţe profesionale dobândite	Igiena mediului, igiena alimentatiei, igiena radiatiilor, igiena scolara
Numele şi tipul instituţiei de învăţământ	UMF Iuliu Hatieganu Cluj-Napoca
Nivelul în clasificarea naţională sau internaţională	ISCED 5
Perioada	1978-1984

Calificarea / diploma obţinută	Doctor Medic
Disciplinele principale studiate / competenţe profesionale dobândite	Medicina generala
Numele şi tipul instituţiei de învăţământ	Universitatea de Medicina si Farmacie "Iuliu Hateganu" Cluj-Napoca, Facultatea de Medicina
Nivelul în clasificarea naţională sau internaţională	ISCED 5

LISTA DE LUCRARI

A. TEZA DE DOCTORAT

Cercetari privind rolul factorului hidric in patologia infectioasa umana, UMF Iuliu Hatieganu Cluj-Napoca, 1999

B. CARTI DE SPECIALITATE PUBLICATE IN EDITURI RECUNOSCUTE DIN:

a. Strainatate - NU

b. Tara

1. **Anca Elena Gurzau (coord).** Ovidiu Traian Popa, Cristian Pop, Daniela Violeta Dumitrescu, Romeo Chira Aspecte ale tratării în scop potabil a surselor de apă cu grade diferite de contaminare, Sibiu 2011, Editura Techno Media, cod CNCSIS 287 ISBN 978-606-616-013-1
2. **Anca Elena Gurzau (coord).** Irina Dumitrascu, Aurelia Pintea, Thu Trang Tach, Daniela Coza, Luciana Neamţiu, Ofelia Şuteu, Alexandru Zeic, Ovidiu Traian Popa, Cristian Pop, Daniela Violeta Dumitrescu, Cornelia Hertia, Romeo Chira, Szas Maria, Szabo Eva Model experimental al monitorizarii THM si precursorilor din apa potabila in expunerea umana, Sibiu 2011, Editura Techno Media, cod CNCSIS 287, ISBN 978-606-616-014-8
3. Eugen Gurzau, Aurelia Pintea, **Anca Gurzau**, Iulia Neamtiu (coordonatori), Impactul nociv al Pb si So2 asupra calitatii aerului la locurile de munca cu risc si sanatatii m uncitorilor in industria producatoare de acumulatori auto, Sibiu 2011, Editura Techno Media, cod CNCSIS 287, ISBN 978-606-616-015-5
4. Aurelia Pintea, Eugen Gurzau, Dorin Bardac, Iulia Neamtiu, Sorin Gurzau, **Anca Gurzau**, Alexandru Zeic, Cecilia Enasel, Ovidiu Popa, Cristian Pop, Marin Lantos, Petre Vultur, Lucian Tefas, Ilean Resiga, Sistem integrat de securitate a muncii si protectiei sanatatii ocupationale la operatorul de acumulatori SC Rombat SA, Sibiu 2010, Editura Universităţii "Lucian Blaga", cod CNCSIS 177, ISBN 978-973-739-911-3
5. Iulia Neamtiu, Eugen Gurzau, Ovidiu Popa, Cristian Pop, **Anca Gurzau**, Iuliu Fodor, Dorin Bardac, Ileana Resiga, Evaluarea expunerii la dioxid de sulf, particule respirabile şi cadmiu în zona Copşa Mică şi Micăsasa, Sibiu 2010, Editura Techno Media, cod CNCSIS 287, ISBN 978-606-8030-77-7
6. Iulia Neamtiu, Eugen Gurzau, Ovidiu Popa, Cecilia Enasel, Cristian Pop, **Anca Gurzau**, Maria Lovasz, Aurelia Pintea, Iuliu Fodor, Dorin Bardac, Ileana Resiga, Daniela Dumitrescu, Selecţia populaţională şi experimentarea în teren a modelului pentru colectarea, depozitarea, transportul, analiza şi evaluarea bioindicatorilor specifici în expunerea la pesticide şi metale grele, Sibiu 2010, Editura Techno Media, cod CNCSIS 287, ISBN 978-606-8030-78-4
7. Elena Ruja, Eugen Stelian Gurzău, Iulia Neamţiu, Sorin Gurzău, **Anca Gurzău**, Cristian Nicolae Moş, Ovidiu Traian Popa, Cristian Pop, Marin Lanţos, Petre Vultur, Lucian Tefas, Program SCANLEAD: fundamentarea strategiei de creştere a sănătăţii şi siguranţei/ securităţii locurilor de muncă în contextual promovării componentei româneşti la nivelul UE, Sibiu 2009, Editura Universităţii "Lucian Blaga", cod CNCSIS 287, ISBN 978-973-739-714-
8. Iulia Neamţiu, Eugen Gurzău, Ovidiu Popa, Elena Ruja, Cecilia Enaşel, Cristian Pop, Sorin Gurzău, **Anca Gurzău**, Iuliu Fodor, Dorin Marchean, Ioan Chera, Daniela Dumitrescu - Experimentarea si optimizarea modelului privind distributia spatiala si temporala a pesticidelor si metalelor grele in factorii de mediu din zonele Saliste si Copsa Mica Editura Universităţii "Lucian Blaga" din Sibiu, 2009, 146 pag, cod CNCSIS 177, ISBN 978-973-739-712-6
9. Eugen S. Gurzău, Dorin I. Bardac; dr. **Anca Elena Gurzău**, dr. Iulia Neamţiu „Studiu de evaluare a riscului şi impactul asupra stării de sănătate a grupurilor populaţionale cu susceptibilitate crescută expusă la : plumb ; SO_2 şi pulberi respirabile: în localitatea Copşa Mică şi împrejurimi şi comparativ cu localităţile Mediaş, Dumbrăveni şi Zlatna" Sibiu, Editura Universităţii "Lucian Blaga" din Sibiu, 2007, 109 pag, cod CNCSIS 177, ISBN 978-973-739-482-8
10. Neamtiu I, Gurzau ES, Bardac D, **Gurzau AE**, Surdu S, Gheorghiu E, Pop C, Brezai C, Fodor I, Resiga I, Kasler I, Surdu L. Evaluarea riscului comunitar asociat expunerii la plumb si poluanti iritanti in zona Copsa Mica (vol. III), judetul Sibiu. Editura Mira Design. Sibiu. 2004. 84 pag, ISBN 973-8232-72-4
11. Surdu S, Neamtiu I, Gurzau ES, **Gurzau AE**, Bardac D, Pop C, Brezai C, Fodor I, Penes M, Gheorghiu E, Silberg R, Muica A, Fowler R, Resiga I- Evaluarea Riscului Comunitar Asociat Expunerii la Plumb si Poluanti Iritanti in Zona Copsa Mica, Judetul Sibiu, Editura Mira Design, Sibiu, 2002, Vol II, 2003. 100 pag, ISBN 973-8232-66-X
12. **Gurzau AE**, Neamtiu I, Gheorghiu E, Gurzau ES, Surdu S, Pop C, Silberg R, Popa O,Sfetcu O, Criste C, Petrui ID, Barabas VG, Bardac DI, Resiga I. Evaluarea riscului si impactul asupra starii de sanatate a populatiei in relatie cu Centrala Termoelectrica Mintia, Editura Mira Design, Sibiu, 2003, 161 pag, ISBN 973-8232-56-2
13. Gurzau ES, **Gurzau AE**, Bardac D, Surdu S, Neamtiu I, Pop C, Brezai C, Fodor I, Penes M, Gheorghiu E, Silberg R, Muica A, Fowler D- Evaluarea Riscului Comunitar Asociat Expunerii la Plumb si Poluanti Iritanti in Zona Copsa Mica, Judetul Sibiu, Editura Mira Design, Sibiu, 2002, 95 pag, Vol I, ISBN 973-8232-40-6
14. **Gurzau AE**, Gurzau ES, Bardac D, Surdu S, Cordos E, Iacob I, Draguescu I, Neamtiu I, Pop C, Silberg R, Gheorghiu E, Brezai C, Emandi M, Sfetcu O - Mediul si sanatatea la sfarsit de secol XX inceput de secol XXI, Editura Mira Design, Sibiu, vol II, 2002, 248 pag, ISBN 973-8232-57-0
15. **Gurzau AE**, Gurzau ES, Bardac D si colab – Studiu de caz- Baia Mare, , Editura Mira Design, Sibiu, 2002, 59 pag., ISBN 973-8232-47-3

16. **Gurzau AE**, Gurzau ES, Bardac D, Surdu S, Cordos E, Iacob I, Draguescu I, Neamtiu I, Pop C, Silberg R, Gheorghiu E, Brezai C, Emandi M, Sfetcu O - Mediul si sanatatea la sfarsit de secol XX inceput de secol XXI, Editura Mira Design, Sibiu, Vol I, 2002, 486 pag., ISBN 973-3232-58-9

C. CAPITOLE PUBLICATE IN CARTI DE SPECIALITATE PUBLICATE IN EDITURI RECUNOSCUTE DIN:

a. Strainatate

1. Marina Spînu, **Anca Elena Gurzău**, Carmen Dana Șandru, Gabriel Gati and Mihaela Niculae ; Heavy Metal Pollutome and Microbial Resistome Reciprocal Interaction and Its Impact on Human and Animal Matrices, DOI: 10.5772/intechopen.71870 in Antibiotic Use in Animals, Edited by Sara Savic, IntechOpen, (2018) pag 135-154, DOI: 10.5772/intechopen.68438, ISBN: 978-953-51-3751-1, Print ISBN: 978-953-51-3750-4,
2. **Gurzau AE** - Drinking water security and health in Transylvania, Romania- Decision Support for Natural Disasters and International Threats to Water Security, NATO science for Peace and Securiry Series-C: Environmental Security, Edited by T.H. Illangasekare, K. Mahutova, J.J. Barich III, Ed. Springer, 2009, 93-109, ISBN: 978-90-481-2711-5
3. **Anca Elena Gurzau** , Luminita Otilia Sfetcu, Ioana Rodica Lupsa , Adrian Liviu Ivan, Sorin Gurzau - Drinking water security in crisis situations from a medical perspective, Threath to global water security, NATO science for Peace and Securiry Series-C: Environmental Security, Edited by J.A.A, Jones, T.G.Vardanian, C. Hakopian, Ed. Springer, 2009, 51-58, ISBN: 978-90-481-2336-0
4. Guest Technical Editor Peter Wald, MD, MPH; Guest Contributors:**Anca Gurzau**, MD, PhD; Eugen Gurzau, MD, PhD; Alan Hall, MD; Sam Keith, MS, CHP; Michael Kosnett, MD, MPH; Polyxeni D. Koutkia, MD; Steven Marcus, MD; Stela Ramboiu, MD; L.B. Sandy Rock, MD; Jim Ruttenber, PhD, MD; Jack Snyder, MD, PhD, JD; Robert Spengler, PhD; Daniel Sudakin, MD, MPH; Oscar Tarragó, MD, MPH; Pamela Tucker, MD; Richard Wang, DO; Janet Weiss, MD; Luke Yip, MD - Case Studies in Environmental Medicine – Radiation Exposure from Iodine 131, Agency for Toxic Substances and Disease Registry, US Department of Health and Human Services, 2002, course SS3117

b. Tara

1. **Anca Elena Gurzău**, Sorin Gurzău (2021) Water resources in the European Union: quantity, quality and (cyber) security in "Mediul ca risc si urgenta" coordinatori Philippe Burny, Laurențiu-Călin Baciu, Camelia Sabina Botezan, Dacinia-Crina Petrescu, Grigore Vlad, Ed. Valea Verde 2021, ISBN 978-606-8834-42-9, pag. 168-173
2. E. Gurzau, **Anca Gurzau** – Acidul cianhidric si alti compusi cianici, Medicina Ocupationala vol II (sub coordonarea Aristotel Cocarla) , cap IX, p 1432-1443, Editura Medicala Universitara „Iuliu-Hatieganu" Cluj-Napoca, 2009, 1443 pag, cod CNCSIS 146, ISBN 978-973-693-299-1

D. ARTICOLE/STUDII PUBLICATE IN:

a. Reviste cotate ISI

1. Sulentic RO, Dumitrascu I, Deziel NC, **Gurzau AE** (2018) Phthalate Exposure from Drinking Water in Romanian Adolescents. Int J Environ Res Public Health. Sep 25;15(10). pii: E2109. doi: 10.3390/ijerph15102109
2. Gati G, Pop C, Brudașcă F, **Gurzău AE**, Spînu M (2016) The ecological risk of heavy metals in sediment from the Danube Delta. Ecotoxicology. 25(4):688-96. doi: 10.1007/s10646-016-1627-9. Epub 2016 Mar 5.
3. Lupsa IR, Nunes B, Ligocka D, **Gurzau AE,** Jakubowski M, Casteleyn L, Aerts D, Biot P, Den Hond E, Castaño A, Esteban M, Kolossa-Gehring M, Fiddicke U, Knudsen LE, Schoeters G, Reis MF. (2015) Urinary cotinine levels and environmental tobacco smoke in mothers and children of Romania, Portugal and Poland within the European human biomonitoring pilot study. Environ Res141:106-17. doi: 10.1016/j.envres.2015.03.018. Epub 2015 Apr 1
4. Dumitrașcu I., **Gurzău A. E**., Gurzău E. S., (2015) A pilot study on determination of phthalates from drinking water system supply of Cluj-Napoca by solid phase extraction and GC-MS analysis, Wulfenia Journal 22(4), 345-358, ISSN: 1561-882X,
5. Casteleyn L, Dumez B, Becker K, Kolossa-Gehring M, Den Hond E, Schoeters G, Castaño A, Koch HM, Angerer J, Esteban M, Exley K, Sepai O, Bloemen L, Horvat M, Knudsen LE, Joas A, Joas R, Biot P, Koppen G, Dewolf MC, Katsonouri A, Hadjipanayis A, Cerná M, Krsková A, Schwedler G, Fiddicke U, Nielsen JK, Jensen JF, Rudnai P, Közepésy S, Mulcahy M, Mannion R, Gutleb AC, Fischer ME, Ligocka D, Jakubowski M, Reis MF, Namorado S, Lupsa IR, **Gurzau AE**, Halzlova K, Jajcaj M, Mazej D, Tratnik Snoj J, Posada M, López E, Berglund M, Larsson K, Lehmann A, Crettaz P, Aerts D. (2015) A pilot study on the feasibility of European harmonized Human Biomonitoring: Strategies towards a common approach, challenges and opportunities. Environ Res. 2015 Mar 4. pii: S0013-9351(14)00392-2. doi: 10.1016/j.envres.2014.10.028. [Epub ahead of print]
6. Castaño A, Cutanda F, Esteban M, Pärt P, Navarro C, Gómez S, Rosado M, López A, López E, Exley K, Schindler BK, Govarts E, Casteleyn L, Kolossa-Gehring M, Fiddicke U, Koch H, Angerer J, Hond ED, Schoeters G, Sepai O, Horvat M, Knudsen LE, Aerts D, Joas A, Biot P, Joas R, Jiménez-Guerrero JA, Diaz G, Pirard C, Katsonouri A, Cerna M, Gutleb AC, Ligocka D, Reis FM, Berglund M, Lupsa IR, Halzlová K, Charlier C, Cullen E, Hadjipanayis A, Krsková A, Jensen JF, Nielsen JK, Schwedler G, Wilhelm M, Rudnai P, Középesy S, Davidson F, Fischer ME, Janasik B, Namorado S, **Gurzau AE**, Jajcaj M, Mazej D, Tratnik JS, Larsson K, Lehmann A, Crettaz P, Lavranos G, Posada M. (2015) Fish consumption patterns and hair mercury levels in children and their mothers in 17 EU countries. Environ Res. 2015 Feb 7. pii: S0013-9351(14)00393-4. doi: 10.1016/j.envres.2014.10.029. [Epub ahead of print]
7. Fucic A, Plavec D, Casteleyn L, Aerts D, Biot P, Katsonouri A, Cerna M, Knudsen LE, Castano A, Rudnai P, Gutleb A, Ligocka D, Lupsa IR, Berglund M, Horvat M, Halzlova K, Schoeters G, Koppen G, Hadjipanayis A, Krskova A, Középesy S, Arendt M, Fischer ME, Janasik B, **Gurzau AE**, Gurzau ES, Grandér M, Larsson K, Jajcaj M, Kolossa-Gehring M, Sepai O, Exley K, Bartolome M, Cutanda F, Mazej D, Nielsen JK, Snoj-Tratnik J, Schwedler G, Fiddicke U, Seiwert M, Govarts E, Den Hond E, Koch HM, Lopez A, Joas A, Joas R. (2014) Gender differences in cadmium and cotinine levels in prepubertal children. Environ Res. 2014 Dec 18. pii: S0013-9351(14)00371-5. doi: 10.1016/j.envres.2014.10.008. [Epub ahead of print]
8. Joas A, Knudsen LE, Kolossa-Gehring M, Sepai O, Casteleyn L, Schoeters G, Angerer J, Castaño A, Aerts D, Biot P, Horvat M, Bloemen L, Reis MF, Lupsa IR, Katsonouri A, Cerna M, Berglund M, Crettaz P, Rudnai P, Halzlova K, Mulcahy M, Gutleb AC, Fischer ME, Becher G, Fréry N, Jensen G, Van Vliet L, Koch HM, Hond ED, Fiddicke U, Esteban M, Exley K, Schwedler G, Seiwert M, Ligocka D, Hohenblum

P, Kyrtopoulos S, Botsivali M, DeFelip E, Guillou C, Reniero F, Grazuleviciene R, Veidebaum T, Mørck TA, Nielsen JK, Jensen JF, Rivas TC, Sanchez J, Koppen G, Smolders R, Kozepesy S, Hadjipanayis A, Krskova A, Mannion R, Jakubowski M, Fucic JA, Pereira-Miguel J, **Gurzau AE**, Jajcaj M, Mazej D, Tratnik JS, Lehmann A, Larsson K, Dumez B, Joas R. (2014) Policy recommendations and cost implications for a more sustainable framework for European human biomonitoring surveys. Environ Res. 2014 Dec 16. pii: S0013-9351(14)00375-2. doi: 10.1016/j.envres.2014.10.012. [Epub ahead of print]

9. Exley K, Cano N, Aerts D, Biot P, Casteleyn L, Kolossa-Gehring M, Schwedler G, Castaño A, Angerer J, Koch HM, Esteban M, Schoeters G, Den Hond E, Horvat M, Bloemen L, Knudsen LE, Joas R, Joas A, Dewolf MC, Van de Mieroop E, Katsonouri A, Hadjipanayis A, Cerna M, Krskova A, Becker K, Fiddicke U, Seiwert M, Mørck TA, Rudnai P, Kozepesy S, Cullen E, Kellegher A, Gutleb AC, Fischer ME, Ligocka D, Kamińska J, Namorado S, Fátima Reis M, Lupsa IR, **Gurzau AE**, Halzlova K, Jajcaj M, Mazej D, Tratnik JS, Huetos O, López A, Berglund M, Larsson K, Sepai O. (2014) Communication in a Human biomonitoring study: Focus group work, public engagement and lessons learnt in 17 European countries. Environ Res. 2014 Dec 11. pii: S0013-9351(14)00452-6. doi: 10.1016/j.envres.2014.12.003. [Epub ahead of print
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2. **Gurzău AE**, Schiopu I, Gati G, Harşa R, Surcel M, Rotar IC, Zlătescu-Marton C, Micu R (2019) Follicular fluid concentrations of phthalates and their metabolites among women after in vitro fertilization, Acta Medica Transilvanica, vol.24, no. 1, 49-52
3. Huang E, **Gurzau AE**, Hanson BM, Kates AE, Smith TC, Pettigrew MM, Spinu M, Rabinowitz PM. (2014) Detection of livestock-associated methicillin-resistant Staphylococcus aureus among swine workers in Romania. J Infect Public Health.7(4):323-32. doi: 10.1016/j.jiph.2014.03.008. Epub 2014 May 10. **ISSN** 1876-0341
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5. Cornelia Diana Roman, Angela Valcan, **Anca Elena Gurzau**, Groundwater sourses in the context of rural development – case studies, *Acta Medica Transilvanica, v. II, no. 3, 2013, p. 245-247,* **ISSN 2285-7079; ISSN-L 1453-1968**
6. Cornelia Diana Roman, **Anca Elena Gurzau,** Alexandru Zeic, *Risk associated with human exposure to thrihalomethanes (THMs) in the water distribution network of Cluj-Napoca* , Air and water components of the environment, Ed. Presa Universitara Clujeana, 2013, **ISSN 2067-743X 345-352**
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13. Daniela Violeta Dumitrescu, **Anca Elena Gurzau**, Aurelia Pintea, Alexandru Zeic, Cornelia Hertia - Health risks as a consequence of drinking water treatment technology, Studia UBB Ambientum 1-2, 2010, 3-16
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2. **Anca Elena Gurzau,** Cornelia Diana Roman, Aurelia Pintea, Irina Dumitrascu, Angela Valcan, Produsi secundari dezinfectieiin apa potabila din sistemle cenytalizate de aprovizionardin mediul rural, Acta Med Trans , vol II, nr. 4, /2013, 15-18, CNCSIS B, BDI (Index Copernicus si EBSCOhost™)
3. Cornelia Diana Roman, Angela Valcan, **Anca Elena Gurzau** , Surse de apa subterane in contextul dezvoltarii rurale – studii de caz, Acta Med Trans , vol II, nr. 3, /2013, 51-53, CNCSIS B, BDI (Index Copernicus si EBSCOhost™)
4. **Anca Elena Gurzau,** Daniela Dumitrescu- Generarea trihalometanilor în cursul tratării apei potabile şi în sistemul de distribuţie , Acta Med Trans nr 4/2009, 100-103, CNCSIS B
5. **Anca Elena Gurzau,** Aurelia Pintea - Efecte asupra sănătăţii umane în expunerea la trihalometani, Acta Med Trans nr 4/2009, 103-105, CNCSIS B
6. Gurzau ES, Surdu S, Neamtiu I, **Gurzau A**, Gheorghiu E, pop C, Kasler I, Fowler D, Bardac D, - Health risk assessment in children living in a lead contaminated area, Copsa Mica, Romania, Environment & Progress – 4/2005 Cluj-Napoca,EFES Publishing, 2005, p 503-508. – CNCSIS C

7. **Anca Gurzau**, Brindusa Bocos - Infestarea cu chisturi de Giardia sp. a unor ape de suprafata din Transilvania, Rev. Romana de Parazitologie, vol. V., nr. 1., p. 14-15, iunie 1995
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9. **Anca Gurzau**, Brindusa Bocos - Contaminarea parazitologica a riului Somesul Mic, Sibiul Medical, nr. 3, 1996, pag. 154-156
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d. Alte reviste

1. Gati Gabriel, Cristian Pop, Florin Brudaşcă, **Anca Elena Gurzău**& Marina Spînu , 2013, Assessment of the Heavy Metal Contamination in the Danube Delta from the Bioaccumulation Perspective G*JHSS (2013)* ***Volume 13 Issue 8****: 11-16.*

e. Articole/studii publicate in volumele unor manifestari stiintifice internationale din strainatate

1. **Anca E. Gurzau**, Alexandru Coman, Eugen S. Gurzau, Marinela Penes, Daniela Dumitrescu, Dorin Marchean, Ioan Chera – Pesticides use in rural settings in Romania – Proceedings of World Academy of Science, Engineering and Technology, vol 44, 94-96, oct. 2008, ISSN 2070-3740
2. Gurzau ES, **Gurzau AE**, Neamtiu I, Coman A – Integration of metal bioavailability in risk assessment policy decision making. RN Hull (eds), Proceedings of the workshop Strategies to Enhance Environmental Security in Transition Countries, 349-368, Ed. Springer. 2007 ISBN 978-1-4020-5994-0
3. Gurzau ES, **Gurzau AE**. Arsenic in Drinking Water from Groundwater in Transylvania, Romania: an Overview. Arsenic Exposure and Health Effects. WR Chappell,CO Abernathy and RL Calderon (editors). 2001; Elsevier Science Oxford, p 181-184. ISBN-13: 978-0-08-044067-5, ISBN-10: 0-08-044067-3, Proceedings of the Fourth International Conference on Arsenic Exposure and Health Effects, 18-22 June, 2000, San Diego, CA, USA
4. Aposhian H.V., Gurzau E.S., Le, X.C., **Gurzau, A.**, Zacharyan, R. A., Cullen W.R., Healy, S.M., Gonzalez Ramirez, D., Morgan, D.L., Sampayo-Reyes A., Wildfang E., Radabaugh T.R., Petrick J.S., Mash Jr. E.A., Aavula R.B., Aposhian, M. M – The discovery, importance and significans of monomethylarsonous acid (MMA ^{III}) in urine of humans exposed to inorganic arsenic, WR Chappell,CO Abernathy and RL Calderon (editors). 2001; Elsevier Science Oxford, p 305-313. ISBN-13: 978-0-08-044067-5, ISBN-10: 0-08-044067-3, Proceedings of the Fourth International Conference on Arsenic Exposure and Health Effects, 18-22 June, 2000, San Diego, CA, USA
5. alte 7 publicatii

f. Articole/studii publicate in volumele unor manifestari stiintifice internationale din tara

1. **Gurzau AE**, Gurzau S, Radu A, Cimpan T, Schiopu C, Valcan B, *Human security in the context of the environmental and public health impact of armed conflicts, in* Contemporary challenges And new developments, eds. Ivan A, Găzdac C, Marian C, CA Publishing Cluj, 2019, (p 89-102) ISBN 978-606-8330-76-1
2. Cornelia Diana Herţia, **Anca Elena Gurzău**, Risk assessment in exposure to trihalomethanes from drinking water – case study; Sesiunea de Comunicări Ştiinţifice cu participare internatională GUVERNANŢĂ, INTELLIGENCE ŞI SECURITATE ÎN SECOLUL XXI, *Cluj-Napoca, 27 mai 2011, volumul* ISBN: 978-606-8330-11-2, 940-947
3. Simona Surdu, Rudnai P., **Anca Gurzau**, Ecaterina Bodor, Dora C., Gurzau E.S., Fletcher T., Leonardi G. - Natural arsenic in drinking water and adverse health and adverse health effects in Romania (Romania, Hungary, WHO, LSHTM Collaboration), Volumul International Symposium on Environmental Epidemiology in Central and Eastern Europe: Critical Issues for Improving Health, Smolenice, Slovak Republic, p. 43-46, sept. 1997
4. Alte 8 publicatii

PARTICIPARI LA CONFERINTE, CONGRESE, ETC. (selectiv)

1. **Anca Elena Gurzau**, Sorin Gurzau, Anamaria Radu, Tiberiu Cimpan, Ciprian Schiopu, Bogdan Valcan , Human security in the context of the environmental and public health impact of armed conflicts, International Conference on Governance, Intelligence and Security 2018, *Contemporary Challenges and New Developments*, Cluj-Napoca, 7-9 iunie 2018
2. **Anca Elena Gurzau** - Noi provocari privind siguranta apei in contextul securitatii ecologice Sesiunea de Comunicări Ştiinţifice cu participare internatională GUVERNANŢĂ, INTELLIGENCE ŞI SECURITATE ÎN SECOLUL XXI, Cluj-Napoca, 7 iunie 2017
3. **Anca Elena Gurzău** , Water sources security in mining areas, Sesiunea de Comunicări Ştiinţifice cu participare internatională GUVERNANŢĂ, INTELLIGENCE ŞI SECURITATE ÎN SECOLUL XXI, *Cluj-Napoca, 11 mai 2012*
4. Cornelia Diana Roman, Irina Dumitraşcu, Cristian Pop, Angela Vălcan, **Anca Elena Gurzău**, Security of groundwater sources in the context of rural development, Sesiunea de Comunicări Ştiinţifice cu participare internatională GUVERNANŢĂ, INTELLIGENCE ŞI SECURITATE ÎN SECOLUL XXI, *Cluj-Napoca, 11 mai 2012*
1. **Anca Elena Gurzău** , Human influence on the water sources: a threat to public health? de Comunicări Ştiinţifice cu participare internatională GUVERNANŢĂ, INTELLIGENCE ŞI SECURITATE ÎN SECOLUL XXI, *Cluj-Napoca, 27 mai 2011*
2. **Gurzau A E**, Vacaru I, Coman A, Gurzau S - THE FLOODS: A THREAT TO DRINKING WATER AND HUMAN SECURITY The 3rd EURO-ASIAN CONFERENCE ON HAZARDOUS WASTE & HUMAN HEALTH, Istanbul, Turkey, March 27-30, 2008
3. Daniela Dumitrescu, Eugen Gurzău, **Anca Gurzău**, Dorin Marchean, Ioan Chera, Petra Motoiu, Muică Adrian- Copşa Mică area and heavy metals pollution – Conference: PROTECTION AND RESTORATION OF THE ENVIRONMENT IX Kefalonia Greece 29 June - 3 July 2008
4. **Gurzau AE** - Drinking water security and health in Transylvania, Romania- NATO Advanced Research Workshop "Decision Support for Natural Disasters and Intentional Threats to Water Security,"Dubrovnik, Croatia, April 22-25, 2007
5. **Anca Elena Gurzau** , Luminita Otilia Sfetcu , Ioana Rodica Lupsa , Adrian Liviu Ivan, Sorin Gurzau - Drinking water security in crisis situations from a medical perspective, NATO Advanced Research Workshop "Natural Disasters and Water Security: Risk Assessment, Emergency Response, and Environmental Management" Yerevan, Armenia, October 18-22, 2007

6. **AE Gurzau**, **C Borzan** - Particular aspects of water ecological management, A 9-a Conferinţă Euroregională DKMT, 11-12 Mai 2007, Arad
7. **Anca Gurzau** - Date privind aprovizionarea centrala cu apa in localitati urbane din Transilvania, A XXXIII-a Conferinta Anuala a Institutului de Sanatate Publica din Bucuresti, Bucuresti, 1998 (vol. rez. p. 92)
8. Simona Surdu, **Anca Gurzau**, E.S. Gurzau, Daniela Curseu, Dana Faraian, Adina Bereczki, Crucu\ita Cristea, Zeic A. - Evaluarea statusului respirator la copii de 7-11 ani in zona Copsa-Mica, A XXXIII-a Conferinta Anuala a Institutului de Sanatate Publica din Bucuresti, Bucuresti, 1998 (vol. rez. p. 67)
9. **Anca Gurzau** si colab - Data regarding the drinking water quality in six counties of Transylvania, Romania- NATO Advanced Research Workshop "Public Health Consequences of Environmental Pollution-Priorities and Solutions", L'viv, Ucraina, 25-28 mai 1997 (vol.rez.p 10)
10. Alte 27 lucrari

E. ALTELE (selectiv)

1. 2009-2017 – mentor pregatire de vara (3 luni) studenti nivel licenta si master de la Yale University, State University of New York at Alban , Iowa State University SUA, Suedia si Kazakhtan
2. 2010-2011 si 2018-2019 – mentor studenti Yale University si Iowa State University SUA in program Fulbright
3. Invited speaker Anca Elena Gurzau -Is the water quality a threat to public health in Europe?, Louisiana State University, Department of Agricultural and Biological Engeenering, Baton Rouge, Seminar, November 21th 2014;
4. Invited speaker Anca Elena Gurzau- "Drinking water security in mining areas, Babes-Bolyai University, Faculty of Environmental Science, Environmental Health Center – EHC, Cluj-Napoca, June 17th - 20nd, 2010.
5. Invited speaker Anca Elena Gurzau -The drinking water safety in E.U. countries: still a threat to human health, University at Albany, State University of New York, Department of Epidemiology and Biostatistics, Seminar, December 3th 2009;
6. Invited speaker Anca Elena Gurzau - Toxicological hazards from the consumption of trihalomethane in drinking water, 15th Alexander Hollaender course Astana, Kazakhstan, 23-26 September, 2009.

LISTA PROIECTELOR DE CERCETARE-DEZVOLTARE-INOVARE

A. DIRECTOR DE PROIECT

1. PROGRAM COMPLEX DE ASIGURARE A CALITATII APEI SI SECURITATII CONSUMATORILOR IN EXPUNEREA LA SUBSTANTE CANCERIGENE (THM) DIN APA POTABILA – PN II, Parteneriate, contract 32-152, 2008-2011

B. MEMBRU IN ECHIPA DE CERCETARE

A. Strainatate

1. EUROPEAN COORDINATION ACTION ON HUMAN BIOMONITORING (COPHES - Consortium to Perform Human Biomonitoring on a European Scale) - FP7 ENV.2009-1 244237, (Reinhard Joas) , 2009-2012, membru in echipa de cercetare
2. DEMONSTRATION OF A STUDY TO COORDINATE AND PERFORM HUMAN BIOMONITORING ON A EUROPEAN SCALE – EU, LIFE09 ENV/BE/410 (Reinhard Joas) 2010-2012, coordonator local
3. SIMPHONIE - SCHOOLS INDOOR POLLUTION AND HEALTH: OBSERVATORY NETWORK IN EUROPE, FP7 DG SANCO/2009/C4/04 (Eva Csobod, Eduardo de Oliveira Fernandes), 2010-2012, membru in echipa de cercetare
4. ARSENIC HEALTH RISK ASSESSMENT AND MOLECULAR EPIDEMIOLOGY (ASHRAM).Finantat de European Commission General Directorate 12, Contract QLK4-CT-2001-00264, Investigator principal pentru Romania, 2002-2004, Coordonator Proiect:Dr. Tony Fletcher - London School of Hygiene and Tropical Medicine, membru in echipa de cercetare
5. DETOXIFICATION OF METALS: IN VITRO AND IN VIVO STUDIES – NIEHS SUA, contract 5P42ES004940-100006, coordinator proiect Prof. Dr. Vasken H. Aposhian, University of Arizona, Tucson, 1998- 2000, membru in echipa de cercetare

b. Tara

1. DEVELOPMENT OF A PARADIGM FOR ASSESSMENT OF HEAVY METAL AND MICROBIAL POLLUTION IN WILD BIRDS AND FISH AND ITS IMPLEMENTATION FOR CONSERVATION OF BIODIVERSITY IN THE DANUBE DELTA BIOSPHERE RESERVE, PN-II-PT-PCCA-2011-3.2-1181 coordonator USAMV Cluj-Napoca, 2012-2016, Responsabil proiect partener CMS
2. ANALYSIS OF MICRORNA BIOMARKERS AS PREDICTIVE VALUES FOR CERVICAL CANCER TREATMENT, IN RELATIONSHIP WITH ENVIRONMENTAL EXPOSURE TO ARSENIC, PHTHALATES AND ETS, PN-II-PT-PCCA-2011-3.2-1328, Coordonator proiect IOCN Cluj-Napoca, 2012-2016, membru in echipa de cercetare
3. PROGRAM PRIVIND STABILIREA SI SOLUTIONAREA ASPECTELOR SOCIALE IN RELATIE CU EXPUNEREA OCUPATIONALA LA PLUMB SI SO_2 DIN INDUSTRIA ACUMULATORILOR AUTO– PN II, Parteneriate, contract 92-092, 2008-2010, membru in echipa de cercetare
4. PROGRAM COMPLEX DE ASIGURARE A CALITATII SI SECURITATII MEDIULUI IN ZONE RURALE SPECIFICE POLUATE CU PESTICIDE SI METALE GRELE CU IMPACT ASUPRA CALITATII VIETII, PN II, Parteneriate, contract 31-074, 2007-2009, membru in echipa de cercetare
5. CONTAMINAREA CU ARSEN A APELOR SUBTERANE DIN VESTUL ROMÂNIEI: MOD DE APARIŢIE, INFLUENŢE ASUPRA SĂNĂTĂŢII UMANE- CONTAS, contract 4-107/ 04.11.04, din cadrul programului CERES., 2004-2006, membru in echipa de cercetare
6. INCERTITUDINI IN POLIMORFISMELE ENZIMELOR ARSEN METILATE SI ASPECTE GENETICE IN EXPUNEREA LA ARSENUL DIN APA DE BAUT – program MCT VIASAN contract 028, 2001-2003, membru in echipa de cercetare

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