

Curriculum vitae Europass



Personal information

First name / Surname **BODESCU, ADINA-MARIA**
E-mail **adinamariabodescu@yahoo.com**

Nationality **Romanian**

Date of birth **13.02.1971**

Work experience

Dates **October 2001 to date**

Occupation or position held **Assistant professor**

Name and address of employer **„Aurel Vlaicu” University from Arad – Faculty of Food Engineering, Tourism and Environment Protection
B-dul Revoluției nr. 77, 310130 Arad, Romania, P.O. BOX 2/158 AR**

Type of business or sector **Education/Research**

Dates **April 2012 to date**

Occupation or position held **Research assistant in chemistry**

Name and address of employer **“Aurel Vlaicu” University of Arad -Technical and Natural Sciences Research-Development-Innovation
Institute**

B-dul Revoluției nr. 77, 310130 Arad, Romania, P.O. BOX 2/158 AR

Type of business or sector **Research**

Education and Training

Dates **November 2003 - September 2011**

Title of qualification awarded **PhD Degree**

Principal subjects/occupational skills covered **Chemistry**

Name and type of organization providing education and training **West University of Timisoara**

Dates **October 1995 - June 1999**

Title of qualification awarded **Chemist Degree**

Principal subjects/occupational skills covered **Chemistry**

Name and type of organization providing education and training **West University of Timisoara**

Dates **September 1989 - June 1995**

Title of qualification awarded **Engineer Degree**

Principal subjects/occupational skills covered	Chemistry																														
Name and type of organization providing education and training	Polytechnic University of Timisoara																														
Personal skills and competences																															
Mother tongue	Romanian																														
Other language(s)																															
Self-assessment																															
European level (*)																															
ENGLISH																															
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2">writing</th> </tr> </thead> <tbody> <tr> <td>B1</td> <td>independent user</td> <td>A2</td> <td>basic user</td> <td>A2</td> <td>basic user</td> <td>A2</td> <td>basic user</td> <td>A2</td> <td>basic user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production		writing		B1	independent user	A2	basic user	A2	basic user	A2	basic user	A2	basic user
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	(*) Common European Framework of Reference for Languages																														
Social skills and competences	Communication skills and adaptation, team spirit																														
Organizational skills and competences	Good experience of team management																														
Technical skills and competences	<ul style="list-style-type: none"> - Internal auditor for environmental management systems according SR EN ISO 14001:2005- Tuv Rheinland Akademia, no. certificate TRA/07/22867/11.04.2007. - Specialist food safety management systems according SR EN ISO 22000:2005- Tuv Rheinland Akademia, no. certificate TRRO AK-469-2008/07.01.2008. - Specialist quality management systems according SR EN ISO 9001:2008- Tuv Rheinland Akademia, no. certificate 258-2012. - Summer School on "Thermal Analysis and Calorimetry", 7 Septembrie 2011, Craiova, România. 																														
Computer skills and competences	Knowledge to use the programs: Microsoft Office, Excel, Power Point.																														
Driving licence	B category																														
Membership in professional associations and organizations	2003 - Chemical Society - Member, 2007 - GENERAL ASSOCIATION OF ENGINEERS IN ROMANIA - MEMBER																														
Annexed	List of publications, projects																														

List of publications

A. Published books: total 5

1. I.B.Pancan, I.Tolan, Adina Maria Bodescu, **Chimie Anorganică**, Ed. UAV Arad, **2005**, 337 pag., ISBN : 973-8363-63-2.
2. I.R.Gabruş, Adina Maria Bodescu, **Chimie analitică – experimentală și aplicații numerice**, Ed. UAV Arad, **2006**, 138 pag., ISBN : 973-8363-49-7.
3. Gabrus Iuliu Radu, Pancan Ioan Bujor, **Adina Maria Bodescu**, „ **Chimie Generala**” , Editura Universitatii „Aurel Vlaicu” Arad, **2006**, 430 pag., ISBN (10) 973-752-098-X, ISBN(13) 978-973-752-098-2.
4. F.D.Munteanu, Adina Maria Bodescu, **Chimia Mediului**, Ed. UAV Arad, **2008**, 175 pag., ISBN : 978-973-752-232-0.

5. N.Dincă, V. Grosu, D. Condrat, Adina Bodescu, **Lucrări practice de chimie organică**, Editura Universității „Aurel Vlaicu” Arad, 2011, 87 pag., ISBN : 978-973-752-548-2.

B. Published scientific papers:

Journals ISI:

1. Gabruș Iuliu Radu, Adina Maria Bodescu, „Chemical Models of Nitrogenase”, Bulletin USAMV-CN, Cluj Napoca, 2003, 59, p.64-69, ISSN 1454-2382.
2. I.R.Gabruș, I.B.Pancan,C. Capatana, A.M. Bodescu, „Colloidal alumina adhesive for ceramic bodies”, Journal of Chemical, 2005, 56(3), p.320-321; ISSN: 0034-7752.
3. Adina-Maria Bodescu, Cecilia SÎRGHIE, Titus Vlase, Nicolae Doca - Kinetics of thermal decomposition of natrium oxalato-oxodiperoxo molibdate, acceptat pentru publicare, J Therm Anal Calorim. 2012; 110 (3): 1243-1247.
4. Dorina Chambre, Adina-Maria Bodescu, Cecilia Sîrghie,- THERMAL DECOMPOSITION OF THE OXO-DIPEROXO-MOLIBDENUM (VI)-POTASSIUM OXALATE. J Therm Anal Calorim. 2013; 112 (2): 851-857.
5. Adina-Maria Bodescu, Cecilia SÎRGHIE, Titus Vlase, Nicolae Doca - Comparative kinetics studies of thermal decomposition of kalium, respectively natrium oxalato-oxo-diperoxo molibdate J Therm Anal Calorim. 2013; 113 (3):1431-1435.
6. Cecilia Sîrghie, Adina-Maria Bodescu, Alexandru Botar, Artur Cavaco-Paulo, Florentina-Daniela Munteanu, Characterization of ligno-cellulosic materials bleached with oxo-diperoxo-molybdates, Carbohydrate Polymers 2013; 98: 490-494.

C. PRESS WORKS:

Participation in international conferences:

Posters:

1. International Symposium Research and Education in Innovation Era, 3rd Edition, 11th-12th November 2010, Arad/Romania, THERMAL DEGRADATION OF FREE AND IMMOBILIZED LACCASE-STĂNESCU Michaela Dina, CHAMBRÉE Dorina-Rodica, GAVRILAȘ Simona, BODESCU Adina-Maria
2. 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), event to be held in Craiova, Romania from the 7th to the 10th of September 2011, Thermal decomposition of the oxo-diperoxo-molibdenum (VI)-potassium oxalate - Adina-Maria BODESCU, Dorina-Rodica CHAMBRÉE, Nicolae DOCA, Book of Abstracts, p.396, ISBN: 978-606-11-1893-9.
3. 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), event to be held in Craiova, Romania from the 7th to the 10th of September 2011, TG/DTG to monitor the lignin content from flax fibers treated with peroxo complexes of molybdenum (VI) - Adina-Maria BODESCU, Cecilia SÎRGHIE, Dorina-Rodica CHAMBRÉE, Book of Abstracts, p.397, ISBN: 978-606-11-1893-9.
4. 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), event to be held in Craiova, Romania from the 7th to the 10th of September 2011, Thermal behaviour of Laccase-PVA biocomposite - GAVRILAȘ Simona, CHAMBRÉE Dorina-Rodica, BODESCU Adina-Maria, STĂNESCU Michaela Dina, Book of Abstracts, p.398, ISBN: 978-606-11-1893-9.
5. 1st Central and Eastern European Conference on Thermal Analysis and Calorimetry (CEEC-TAC1), event to be held in Craiova, Romania from the 7th to the 10th of September 2011, Thermal stability of the crude oils from technical plants seeds - Dorina-Rodica CHAMBRÉE, Adina-Maria BODESCU, Cecilia SÎRGHIE, Book of Abstracts, p.192, ISBN: 978-606-11-1893-9.
6. Andrea Pag, Daniel Tomescu, Adina Bodescu, Astrid Kännaste, Trinu Remmel, Ülo Niinemets si Lucian Copolovici, Emission of volatiles organic compounds from stressed plants, *International Symposium Research and Education in Innovation Era, 4th Edition*, Arad, November 08-09, 2012.
7. Adina Bodescu, Andreea Pag, Daniel Tomescu, Lucian Copolovici, Analytical method for determination of Biogenic Volatile Organic Compounds, *International Symposium Research and Education in Innovation Era, 4th Edition*, Arad, November 08-09, 2012.

Oral presentations:

1. V. Bercean, Adina- Maria Lazăr (căs. Bodescu), M. Nuțiu, "OBȚINEREA 1H-3-METIL-5-AMINOPIRAZOLULUI", *Proceedings of Scientific Communications Meeting of „Aurel Vlaicu” University*, Third Edition, Arad, Vol. 10, p. 246-250, 16th – 17th May 1996
2. Michaela Dina STĂNESCU, Dorina CHAMBRÉE, Simona GAVRILAȘ, Adina BODESCU, *Thermal Behaviour Of Biomaterials Based On Cryogel PVA*, ICOSECS-7, 15-17.09.2010, București
3. Adina BODESCU, Simpozionul Științific al Doctoranzilor, Universitatea de Vest din Timișoara, 17 iunie 2011, *Cinetica descompunerii oxometalați în condiții neizoterme*.
4. Duțuc G, Botar A, Crăciun PM, Bodescu AM, Gavrilăscu D, Crăciun G. Bleaching of wood pulp and natural fibers using POM. Simpozion Internațional susținut de CEPROHART Brăila, 6-9 septembrie, 2011.

5. Lucian Copolovici, Ülo Niinemets, Astrid Kännaste, Andreea Pag, **Adina Bodescu**, Daniel Tomescu, The identification and atmospheric role of volatile compounds emitted by plants in stress conditions, *Environmental Legislation, Safety Engineering and Disaster Management*, Cluj-Napoca, 25.10 – 27.10 2012.
6. 15st *International Congress on Thermal Analysis and Calorimetry (ICTAC)*, event to be held in Higashi - Osaka, Japan from the 20th to the 24th of August 2012, COMPARATIVE KINETICS STUDIES OF THERMAL DECOMPOSITION OF KALIUM, RESPECTIVELY NATRIUM OXALATO-OXO-DIPEROXO MOLIBDATE, **Adina-Maria Bodescu**, Cecilia SÎRGHIE, Titus Vlase, Nicolae Doca.
7. Lucian Copolovici, Andreea Pag, Astrid Kännaste, Daniel Tomescu, Adina Bodescu, Ülo Niinemets, Volatile organic compound emissions from *Betula verrucosa* under flooding and drought stresses, *Environment & Progress* 2013, Cluj-Napoca, 25 Octombrie 2013 (participant).
8. Lucian Copolovici, Pag Andreea, Astrid Kännaste, Daniel Tomescu, Adina Bodescu and Ülo Niinemets, Volatiles Organic Compounds and Their Roles in Plants Defense, 13th Edition Timisoara's Academic Days, 13-14 June, Timisoara, 2013.

PROJECTS:

Program / Project	function	period:
Integrating a Romanian center of mass spectrometry for high-performance biomedical research in the area of international and European, proiect 98/2006, CEEEX module III	partner team member P2	2006-2008
Volatile compounds emitted by plants Betulacea families and Fagacea induced in biotic and abiotic stress type, PN-II-RU-TE-2011-3-0022	team member	2012-2014

CERTIFICATION:

1. 15st *International Congress on Thermal Analysis and Calorimetry (ICTAC)*, event to be held in Higashi - Osaka, Japan from the 20th to the 24th of August 2012, COMPARATIVE KINETICS STUDIES OF THERMAL DECOMPOSITION OF KALIUM, RESPECTIVELY NATRIUM OXALATO-OXO-DIPEROXO MOLIBDATE, **Adina-Maria Bodescu**, Cecilia SÎRGHIE, Titus Vlase, Nicolae Doca.

03.03.2016

