

**Name:** ANDREI VALENTIN MEDVEDOVICI



**Date of birth:** November 29<sup>th</sup>, 1961

**Place of birth:** Bucharest

**E-mail:** avmedved@yahoo.com

**Nationality:** Romanian

**Civil status:** married

**Education:**

Date	Earned Degree(s) or Diploma(s) / Institution
1980	Bachelor, Industrial College no. 33, Bucharest.
1984	B.Sc., Polytechnic Institute of Bucharest, Faculty of Chemistry.
1985	M.Sc. in Analytical Chemistry, Polytechnic Institute of Bucharest, Faculty of Chemistry.
1994	Ph.D., University of Bucharest, Faculty of Chemistry (thesis entitled "Metal Complexes in Chromatographic Techniques", coordinator Prof. Dr. G.E. Baiulescu)

**Professional experience:**

Period	Location	Institution / Company	Position	Description
1985 - 1988	Romania, Fagaraş	Research Centre for Technology	Chemist	Optimisation of technological process, chemistry of explosives
1988 - 1990	Romania, Bucharest	Research Institute Dr. I. Cantacuzino	Researcher	Laboratory for microbiological growth substrates
1990 - 1998	Romania, Bucharest	University of Bucharest, Faculty of Chemistry	Teaching Ass.	Qualitative Analytical Chemistry, Separation Sciences, Trace Analysis (courses held in French and English)
1998 - 2000			Lecturer	
2000 - 2005			Assoc. Prof.	
since 2005			Professor	
since 2006			Ph.D. Coord.	
1997 - 2000	Romania, Bucharest	SINDAN	QA consultant	Implementation of GMP/GLP
1997 - 2002	Romania, Bucharest	Labormed Pharma	QA consultant	Quality control, validation of analytical methods, qualification of equipments, process validation, bioequivalence
2002 - 2009			R&D manager	
2009 - 2013	Romania, Bucharest	Labormed Group	Scientific Director	Bioanalysis

**Study grants:**

Period	Institution	Position	Description
1991 - 1992	University of Ghent (RUG), Belgium	Ph.D. student	Separation sciences, metal complexes and applications in chromatographic techniques
1994 - 1996	University of Ghent (RUG), Belgium	Post Doc.	HPLC, SFC, GC/MS applications in environmental, food, chiral separation field; Hyphenated techniques

**Language skills:** (1-Excellent; 5-Basic)

Language	Reading	Speaking	Writing
French	1	1	2
English	2	3	2

**Membership of professional bodies:** Romanian Society of Chemistry

**Awards:** C.D. Nenitescu award of the Romanian Academy, December 2009.

**Editorial board member:** Journal of Liquid Chromatography & Related Technologies (Taylor & Francis Group, U.S.A.) – ISSN 1082-6076; Bioanalysis (Future Science Ltd., U.K.) – ISSN 1757-6199; Journal of Environmental Chemistry and Ecotoxicology (Academic Journals) – ISSN 2141-226X.

**Advisory board member for journals:** Journal of Chromatography A, Analytica Chimica Acta, Food Chemistry, Journal of Chromatography B, Journal of Pharmaceutical and Biomedical Analysis, Analytical Bioanalytical Chemistry, Chemolab, Chromatographia, Drug Research, Analytical Letters, European Journal of Pharmaceutics and Biopharmaceutics, International Journal of Environmental Analytical Chemistry, Journal of Medicinal Plant Research, Scientia Pharmaceutica, Journal of Separation Science, Revue Roumaine de Chimie; Revista de Chimie, Studia Universitatis Chemia UBB;

**Other relevant information:** invited scientist

#	Period	Institution	Domain
1	Aug.-Oct. 1997		On-line SPE /HPLC or SFC
2	Aug.-Oct. 1998	Research Institute for Chromatography,	SFC/SFC/UV
3	Aug.-Oct. 1999	Kortrijk, Belgium	SFE/GC/MS
4	Aug.-Oct. 2000		SFC/MS of polysaccharides
5	Aug.-Oct. 2001		SFC/MS in Pharma applications

**Competence profile:** Separation sciences; Sample preparation (LLE, SPE, SPME, SFE); Chromatographic techniques (HPLC, PC-SFC, CGC); Detection in chromatographic techniques (DAD, FLD, RID, ELSD; MS and MS/MS); Automation in chromatography (on-line SPE/HPLC); Multidimensional/comprehensive chromatography (LC/LC; LC/GC; SFC/LC); Hyphenation in separation techniques (LC/MS-MS, SFC/MS-MS, CGC/MS); Development and validation of separation methods; Qualification of the analytical instrumentation; Application fields: bioanalysis, pharmaceuticals, environmental, food chemistry.

**Participation to projects:**

1. Short term expert for the project „Appui technique du Département de Toxicologie de l'INCC en vue de l'accréditation ISO 17025”, Alger, Algeria, as part of the action EuropeAid/12917/D/SER/DZ.
2. Team member, Project PN-II-ID-PCE-2012-4-0651, period 2012-2015.
3. Team leader, Project PN\_II\_ID\_PCE\_2011\_3\_0152, period 2011-2014, entitled “Large volume injection of diluents non-miscible with the mobile phase in HPLC”.
4. Team manager/Chemistry Section, EPTISA Projectos Internationales S.A., for EU Phare (Europe Aid/115101/D/SV/RO/1 – Strengthening of the institutional and administrative capacity of MoH to adopt and implement the acquis communautaire in the field of water and health related risks”, 2004-2005).
5. Training responsible, subcontract no. 540789, Project Phare RO, 2004/IB/Ag-01, Ministry of Agriculture, 2004.
6. Team member, Leonardo DaVinci Project (“Training Module for Environmental monitoring and pollution control”, RO-02BFPP-141004, coordinator Prof. Dr. A. Danet, Univ. of Bucharest, 2004).
7. Team member, CEEX project 107/09.10.2006 (“Nanostructure azopolymers and their application in microelectronics and biology”, coordinator Prof. Dr. N. Hurduc, Tech. Univ. Gh. Asachi, Iasi).
8. Project manager, contract 927/02.12.2004 between Labormed Pharma and the University of Bucharest.

**Trainer:** (training sessions having duration between 3 and 5 days, as a single trainer)

#	Beneficiary	Training Title	Date
1	Coca-Cola Romania s.r.l.	New trends in GC	Ian. 2004
2	Coca-Cola Romania s.r.l.	Gas Chromatography – system qualification and method validation	Oct. 2006
3	Regia Apele Romane	Chromatographic methods in water control	Dec. 2007
4	Inspectorate for Public Veterinary Health Bucharest (ISPVB)	Basic aspects in chromatographic techniques. Applications in food quality control.	May 2005
5	Zentiva (Sanofi Aventis) Romania	Chromatographic Methods	Nov. 2010
6	Sindan, Romania	Revisiting liquid chromatography from a highly regulated perspective	Sept. 2013
7.	Swisscaps, Cornu, Romania	Metode cromatografice de separare	Iulie 2014
8.	Regia Apele Romane	Aspecte fundamentale în spectrometria de masă	Iulie 2015

**Publications: ISI indexed: Journal Titles**

Revue Roumaine de Chimie (15); Biomedical Chromatography (10); Journal of Pharmaceutical and Biomedical Analysis (10); Journal of Liquid Chromatography & Related Technologies (9); Analytical Letters (7); Journal of Chromatography A (5); Journal of Chromatography B (5); Chemia Analityczna (4); Bioanalysis (5); Microchemical Journal (4); Journal of High Resolution Chromatography & Chromatography Communications (3); Journal of Separation Science (3); Water Research (2); Annali di Chimica (2); Journal of Microcolumn Separations (2); European Journal of Drug Metabolism and Pharmacokinetics (1); European Neuropsychopharmacology (1); Expert Opinion in Drug Metabolism and Toxicology (3); Farmacia (1); Journal of Applied Toxicology (1); Acta Endocrinologica (1); Advances in Chromatography (1); Analytical Methods (2); Arzneimittel-Forschung-Drug Research (1); Chirality (1); Chromatographia (1); Chemistry-A European Journal (1); Comptes Rendus Chimie (1); Journal of Catalysis (1); Journal of Chemical Information and Computer Sciences (1); Journal of Chemometrics (1); Journal of Cultural Heritage (1); Journal of Inclusion Phenomena and Inclusion Chemistry (1); LC-GC Europe (1); Nukleonika (1); Separation Science and Technology (1); Talanta (3); Plasma Processing and Polymers (1); Romanian Reports in Physics (1); New Journal of Chemistry (1).

**Total:** 120 publications (101 in international journals; 53 as principal author);

**Cumulated impact factors of journals:** 253 (*Impact factors 2013*)

**Non-ISI:**

Buletinul Societatii de Chimie din Romania (1); Analele Universitatii Bucuresti (2); Archives of the Medical Balkan Union (1); European Pharmaceutical Review (1); International Environmental Technology (2); LC-GC International (1); Proceedings of the International Symposium of Capillary Chromatography (5); Southern Brazilian Journal of Chemistry (1);

**Total:** 14 (10 in international journals).

**Chapters in books/encyclopedias, published courses**

5 published courses (University of Bucharest Publishing House); 4 chapters in books (international publishers); 6 chapters in books (national publisher); 10 chapters in international encyclopedias – Encyclopedia of Chromatography (4); Encyclopedia of Separation Science (1); Encyclopedia of Analytical Science (4); Encyclopedia of Endocrinology and Endocrine Diseases (1).

**h-Index:** 19 – January 2016, Scopus; 19 – January 2015, ISI Web of Science; 22 - January 2016, Google Scholar  
**Citations:** 1186 without self citations – January 2016, Scopus; 1018 without self citations - January 2016, ISI Web of Science; 1692 - January 2016, Google Scholar.

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