



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) MIRCIOIU CONSTANTIN

Work experience

Dates	2004-present
Occupation or position held	Dean (2004 – 2008), Scientific Chancellor (2008 -2012)
Main activities and responsibilities	Developing academic policies and programs, Coordinating student activities Other teaching and administrative duties according to the job description
Name and address of employer	“Carol Davila” University of Medicine and Pharmacy Bucharest, Faculty of Pharmacy,
Type of business or sector	Academia and research
Dates	1990-present
Occupation or position held	Professor (1999-2014), Associate professor , Lecturer
Main activities and responsibilities	Teaching and research duties PhD coordinator
Name and address of employer	“Carol Davila” University of Medicine and Pharmacy Bucharest, Faculty of Pharmacy, Mathematics and Applied Biostatistics Department
Type of business or sector	Academia and research
Dates	1975-present
Occupation or position held	Head of Dept. of Pharmaceutical Technology and Biopharmacy, Army Center for Medical Research Researcher, Army Center for Medical Research, Biopharmacy Laboratory (1984-present) Pharmacist in the Laboratory for production of solid and semisolid drugs (1982-1984) Chief of the Department of Medical Computing of the Radiobiology Laboratory at Fundeni Clinical Hospital (1975-1982)
Main activities and responsibilities	Study of the action mechanism of drug molecules at the membrane interfaces Pharmacokinetics ,Toxicokinetics ,Drug Development Antidotes production
Name and address of employer	Ministry of National Defence
Type of business or sector	R esearch

Dates 1969- 1975
 Occupation or position held Pharmacist
 Main activities and responsibilities Hospital pharmacist duties
 Name and address of employer **Central Military Hospital**
 Type of business or sector Hospital Pharmacy

Education and training

Dates **1977**
 Title of qualification awarded **PhD** in Pharmaceutical Physical Chemistry
 Principal subjects/occupational skills covered Thesis Title: "Research on the mechanism of interactions in colloidal systems: water-suspension-surface active agents systems"
 Name and type of organisation providing education and training "Carol Davila" University of Medicine and Pharmacy Bucharest
 Level in national or international classification ISCED 6

Dates **1970 – 1975, Faculty of Mathematics**
 Title of qualification awarded **M.Sc in Mathematics**
 Principal subjects/occupational skills covered Thesis Title: "Catastrophe theory applied in the theory of Landau singularities"
 Name and type of organisation providing education and training University of Bucharest
 Level in national or international classification ISCED 5A

Dates **1964 – 1969, Faculty of Pharmacy**
 Title of qualification awarded **Pharmacist**
 Principal subjects/occupational skills covered Thesis Title: "Low temperature hydrolysis of benzocaine"
 Physical Chemistry, Drug Control, Biostatistics, Pharmaceutical Technology and Biopharmacy,
 Name and type of organisation providing education and training "Carol Davila" University of Medicine and Pharmacy Bucharest
 Level in national or international classification ISCED 5B

Personal skills and competences

Mother tongue(s) Romanian
 Other language(s)

Self-assessment
European level ()*

English
French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B2	Independent user	B2	Independent user	A2	Basic user	A2	Basic user r	A2	Basic user

(*) [Common European Framework of Reference for Languages](#)

Organisational skills and competences

- Experience in projects management – **more than 20 research contracts** obtained through competition out of which **4 as director**.

- **Member in the management committees of COST Actions B15 (Modelling in Drug Research, 1999-2004) and B25 (Physiological Pharmacology/Toxicology Kinetics and Dynamics 2005 – 2009)**

- Member of **Scientific Advisory Committee, European Center for Validation of Alternative Methods** , JRC Ispra, 2006-2009

- **Director for Bioequivalence** studies at Biopharmacy & Pharmacol Res S. A.

**NATIONAL AND INTERNATIONAL
 RECOGNITION**

- **President of Romanian Society of Pharmaceutical Sciences (2011-2014)**
- **Dean** of the Faculty of Pharmacy, Bucharest, 2004-2008, **Chancellor** 2008 – 2012
- Head of Dept. of Pharmaceutical Technology and Biopharmacy, Army Center for Medical Research
- **Member of the Romanian Medical Sciences Academy, President of Pharmaceutical Sciences Section**

Awards: "Daniel Daniepolu" Prize of the Romanian Academy, 1994, for the "Pharmacological mechanisms at membranar interfaces" volume

- Founder and General Secretary of Romanian Foundation of Hemorheology, and member in the board of European Society of Clinical Hemorheology
 - Member of The American Association of Pharmaceutical Scientists
 - Member of The Romanian Pharmaceutical Sciences Society – President 2011-2014
- Member of The European Federation for Pharmaceutical Sciences

- Chairman or co-chairman at international meetings:

- International symposium on Bioavailability, Pharmacokinetics and Toxicokinetics in Drug Development, November 8 and 9, 1999, Bucharest
- NATO Advanced Research Workshop on Nuclear, Bacteriologic and Chemical Risks, April 1998, Bucharest
- 5-th Balcanic Workshop on Drug Metabolism and Toxicity of Xenobiotics, May 2002 , Constanta,
- International Symposium on Scientific and Regulatory Aspects of Dissolution and Bioequivalence, Bucharest, December 2004,
- Hands-on Dissolution, Bucharest, October 2005
- School of Advanced Studies: “Biowaivers, development of in vitro-in vivo correlations and quality generic drugs”, (in cooperation with American Association of Pharmaceutical Scientists , co-chaiman) Bucuresti, July, 2014

Technical skills and competences

Fields of Specialisation

- (i) **main field:** biopharmacy and pharmacokinetics
- (ii) **other fields:** pharmaceutical technology, biostatistics

Current research activities

- fundamental research concerning the physicochemical component of the action mechanism of drug molecules at the membrane interfaces;
- mathematical methods applied in biopharmacy, pharmacokinetics, toxokinetics and clinical pharmacy;
- applied research in pharmaceutical technology in antidote design, dissolution, bioanalitics and bioequivalence of drugs.

Computer skills and competences

- General PC user
- Microsoft Office, Internet
- Pogramming: FORTRAN, COBOL
- Statistical and pharmacokinetic software

Scientific opera

- Author for 200 papers published *in-extenso* in journals and volumes (100 ISI indexed)
- Author for 10 books ("Pharmacological mechanisms at membranar interfaces", Romanian Academy Publ. House, 1994; Mathematics Applied in Pharmacy, 2000, Biostatistics 2005, Statistics Applied in Pharmacy and Clinical trials 2009 , Biopharmacy and Pharmacokinetics 2009, etc .)
- **Associated editor for NBC Risks. Current Capabilities and Future Perspectives for Protection, NATO Science Series, Kluwer Academic Publishers, Dordrecht/Boston/London, 1999**
- Author for 4 Romanian patents and 1 European Patent

EUROPEAN PROJECTS

Scientific projects

- Action Cooperation in Science and Technology (COST) B15 “Modelling in Drug Research”, 1999-2004), (**co-director** for Romania with Acad Victor Voicu)
- Action COST B25 “ Physiological Pharmaco/Toxico Kinetics and Dynamics”, 2005 – 2009) (co-director for Romania with Acad Victor Voicu),

Pharmaceutical Education projects.

- **PHARMINE**: Pharmaceutical Education in EUROPE – (associated member)
- **QA- PHAR Quality Assurance in Pharmaceutical Education**: EU ERASMUS Lifelong Learning Programme (527194-LLP-1-2012-1-BE-ERASMUS-EMCR (2012 – 2016) (**manager for Romania**)

National research contracts : 10 (4 – project manager)

Relevant Publications in 2019

[. In Vitro-In Vivo Correlations Based on In Vitro Dissolution of Parent Drug Diltiazem and Pharmacokinetics of Its Metabolite](#)

By: [Mircioiu, Constantin](#); [Anuta, Valentina](#); [Mircioiu, Ion](#); et al.

PHARMACEUTICS Volume: 11 Issue: 7 Article Number: 344 Published: JUL 2019

[Effect of a New Synergistic Combination of Low Doses of Acetylsalicylic Acid, Caffeine, Acetaminophen, and Chlorpheniramine in Acute Low Back Pain](#) By: [Voicu, Victor A.](#); [Mircioiu, Constantin](#); [Plesa, Cristina](#); et al.

FRONTIERS IN PHARMACOLOGY Volume: 10 Article Number: 607 Published: JUN 20 2019

[Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems](#)

By: [Mircioiu, Constantin](#); [Voicu, Victor](#); [Anuta, Valentina](#); et al.

PHARMACEUTICS Volume: 11 Issue: 3 Article Number: 140 Published: MAR 2019

[Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals](#)

By: [Paolino, Donatella](#); [Tudose, Andra](#); [Celia, Christian](#); et al.

MATERIALS Volume: 12 Issue: 5 Article Number: 693 Published: MAR 1 2019

FOUNDED INSTITUTIONS , DISCIPLINES, SCHOOLS

- **Statistics applied in pharmacy and clinical studies**, new discipline at Faculty of Pharmacy, UMF “Carol Davila” (1995 -),
- **Masterate “Biostatistics” at the Faculty of Mathematics,** Universitatea Bucuresti (2001 -)
- **Ph.D. Speciality Physical Chemistry of Drugs and Biopharmacy and foundation of Biopharmacy Laboratory and discipline at Bucharest Faculty of Pharmacy , at Craiova Faculty of Pharmacy,**
- **Biopharmacy and Pharmacokinetics** school finalized particularly by foundation of **Biopharmacy and Pharmacology Res S.A (BP-RES)** , laboratory for bioequivalence clinical studies.
- Romanian Society of Hemorheology,
- **Industrial pharmacy school** finalized particularly by foundation of **Labormed – Pharma S.A.** ,
- 10.03. 2021