



PERSONAL INFORMATION

Cristina Adela IUGA



 No.4-6, Louis Pasteur, 2nd floor, room 28, Cluj Napoca, 400339, Romania

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 iugac@umfcluj.ro



 Skype cristinaiuiga

Sex Female | Date of birth 17/08/1972 | Nationality romanian

POSITION

Associate Professor

WORK EXPERIENCE

2016 - onwards

Head of Proteomics/Metabolomics Department

MedFuture Research Center for Advanced Medicine, Iuliu Hatieganu University of Medicine and Pharmacy, 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România, website: www.umfcluj.ro

- duties related to management of the Mass Spectrometry Core Facility
- to perform independent and collaborative research
- responsible for ensuring design, development, documentation and implementation of research procedures and protocols using a variety of complex activities.
- to contribute technical leadership in the area of LC-MS/MS quantification and related mass spectrometry and analytical topics

Business or sector Research and education activities in medical field

2012 - onwards

Vice-Dean for Research

Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy, 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România, website: www.umfcluj.ro

- Develop short and long term goals and strategic plans for the research mission of the Faculty of Pharmacy
- Work closely with leaders within the Dean's Office, Departmental Chairs, research institute directors and administrators, central administration of the University, external academic, industrial and community research partners, and the various funding, regulatory, and accrediting bodies;
- Foster research collaborations between investigators in the Faculty of Pharmacy and other health sciences schools at University; with other peer academic institutions;

Business or sector Research and education activities in medical field

2009 -onwards

Head of Pharmaceutical Analysis Department

Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România, website: www.umfcluj.ro

- Assists in the development, implementation and supervision of department's content standards.
- Facilitates the development of programs and monitors implementation of curriculum that meets the needs of all the students.
- Implements an ongoing program of student work evaluation
- Plans and conducts staff development activities to improve competencies of staff
- Manages financial resources in a most cost-effective manner.

Business or sector Research and education activities in medical field

1996 - onwards

Associate professor (2006), lecturer (2000), assistant professor (1996)

Department of Pharmaceutical Analysis, Faculty of Pharmacy, Iuliu Hatieganu University of Medicine and Pharmacy, 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România, website: www.umfcluj.ro

- Education, formation, research in the field of Pharmaceutical Analysis, Proteomics and Metabolomics

Business or sector Research and education activities in medical field

EDUCATION AND TRAINING

- May - June 2011 **Research Stays for University Academics and Scientist (DAAD)**
 Interfaculty Institute of Genetics and Functional Genomics, Ernst-Moritz-Armdt University, Greifswald, Germany ; DAAD Fellowship A/11/05350/ 2011
 ▪ Characterization of pancreatic tumors stages by gelfree LC-ESI/MS/MS analysis of proteins pattern
- Jan – Jun 2010 **Academic Research Stay**
 Interfaculty Institute of Genetics and Functional Genomics, Ernst-Moritz-Armdt University, Greifswald, Germany
 ▪ Application of nano-chromatography and mass spectrometry in proteomics
- 1997 -2003 **PhD** ISCED 8
 Faculty of Pharmacy, University of Medicine and Pharmacy "Iuliu Hatieganu", 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România
 ▪ Liquid chromatography, Mass spectrometry, Pharmaceutical Analysis, Stability studies
- 2003 / 2008 **Specialist pharmacist/ Senior pharmacist in pharmaceutical laboratory** ISCED 7
 Ministry of Health, no 1-3 Intr. Cristian Popișteanu, sector 1,010024, București România
 ▪ Analytical methodology (HPLC/UV/FLD, HPLC/MS/MS, GC), sample preparation, therapeutic drugs monitoring, Good Laboratory Practice
- September 2001 **Academic Research Stay**
 Vienna General Hospital (AKH), Austria
 ▪ Therapeutic monitoring of rapamycin in the blood of kidney recipients by high performance liquid chromatography
- 2000 - 2001 **MSc in Pharmaceutical Analysis** ISCED 7
 Faculty of Pharmacy, University of Medicine and Pharmacy "Iuliu Hatieganu", 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România
 ▪ Pharmaceutical Analysis, Pharmaceutical technology, Toxicology, Pharmaceutical Legislation, Research Metodology
- April – July 1999 **Academic Research Stay (ERASMUS)**
 Faculty of Pharmacy, University of Valencia, Spain
 ▪ High performance liquid chromatography/mass spectrometry applied in pharmaceutical analysis
- 1998 / 2003 **Specialist pharmacist/ Senior pharmacist in pharmaceutical care** ISCED 7
 Ministry of Health, no 1-3 Intr. Cristian Popișteanu, sector 1,010024, București România
 ▪ Clinical Pharmacy, Farmacology, Pharmaceutical Legislation, Pharmaceutical Technology
- April – May 1996 **Academic Research Stay (TEMPUS)**
 Faculty of Pharmacy, University of Rouen, France
 ▪ Stability studies of proton pump inhibitors in pharmaceutical formulations
- 1990 -1995 **BSc in Pharmacy** ISCED 6
 Faculty of Pharmacy, University of Medicine and Pharmacy "Iuliu Hatieganu", 4-6, Louis Pasteur street, 400336, Cluj-Napoca, România
 ▪ Organic and Inorganic Chemistry, Analytical Chemistry, Botany, Pharmacology, Biochemistry, Pharmaceutical Technology, Pharmaceutical Chemistry, Toxicology, Pharmaceutica I Analysis, Cosmetology and Homeopahty

PERSONAL SKILLS

Mother tongue(s) romanian

| Other language(s) | UNDERSTANDING | | SPEAKING | | WRITING |
|---|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C1 | C1 | C1 | C1 | C1 |
| Cambridge ESOL Level 2 Certificate in ESOL International no.0024668452/11.08.2009 | | | | | |
| German | A2 | A2 | A2 | A2 | A2 |

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

- Communication skills**
- good communication skills gained through my experience as manager
 - Sociability, diplomacy, tact, facile and rapid integration in different social groups and spaces, good human relation and public speaking
 - Team work: I have worked in various types of teams from research teams to community pharmacy and laboratory

- Organisational / managerial skills**
- leadership (currently responsible for a team of 10 people)

- Job-related skills**
- good command of specialized laboratory instruments (UV-VIS spectrometers, LC/UV/VIS/MS, TG/DSC) and softwares (Star, DryLab2000, Empower, MassLynx , Progenesis QI)

Digital competence

| SELF-ASSESSMENT | | | | |
|------------------------|-----------------|------------------|------------------|------------------|
| Information processing | Communication | Content creation | Safety | Problem solving |
| Proficient user | Proficient user | Independent user | Independent user | Independent user |

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Replace with name of ICT-certificate(s)

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software

Driving licence B

ADDITIONAL INFORMATION

Publications https://scholar.google.ro/citations?hl=en&user=fd6g5CQAAAAJ&view_op=list_works

- Projects**
- PN-III-P1-1.2-PCCDI-2017-0323 "The use of Gamma irradiation in biotechnological processes with applications in bioeconomy BIO-GAMMA"; 2018 – 2020, project manager.
 - PNII ID-1145 Effectiveness and safety of treatment with levosimendan in cardiac surgery; 2008-2011, Member
 - PNII 12-102 A computerized system for identification and characterization of adverse events detected by intensive monitoring of patients hospitalized (INFORAD). 2008-2011, Member.
 - PNII 42-110 Identification of molecular profile involved in the detection, staging and immunologic response in pancreatic cancer (PANGEN); 2008-2011, Member.
 - PNI 52-146 Modern and complex methodology for quality monitoring of food supplements from raw material to finished product (SUPLIMET); 2008-2011, Member.
 - PNI 41-082 – Pharmacogenomic implications of genes polymorphisms CYP2C9, CYP2C19 and MDR1 in assessing therapeutic efficacy of antiepileptic drugs in idiopathic epilepsy (FARMACYP); 2007-2010, Member.
 - PN I 41–072 - Development through interdisciplinary research of a new drug therapy meant to ensure neuroprotection in cerebral ischemia (NEUROPROTER); 2007-2010 Member.
 - CNCSIS 835/2007 - Child cholestatic jaundice – Study to improve diagnosis, evolution and therapy; 2007-2008. Member.
 - CEEX 156/2006 – Correlations between biological markers, clinical features and therapy in child

and adolescent depression;

- CEEEX/ P-CD 7/3.10.2005. Polymorphs and the encapsulation of bioactive substances in the cyclodextrins to improve the quality of drugs (CALIMED); 2005-2008, Member.

Memberships

- Romanian Society of Pharmaceutical Sciences (RSPS)
- American Association of Pharmaceutical Scientists (AAPS)
- Romanian College of Pharmacist (RCF)
- Romanian Chemical Society (RCS)

References

- Prof.dr. Uwe Völker, EMAU Greifswald, Germany
- Dr. Elke Hammer, EMAU Greifswald, Germany

Courses

- Quantitative proteomics, FP7- REGPOT 205419 - ECOGENE (Unlocking the European Union convergence region potential in genetics), Estonian Biocentre, Feb 2009, Estonia
- 5th Hands-on course in Ultrafast Sample treatment for Proteomics, BIOSCOPE Research Group & PROTEOMASS Scientific Society, Universidade Nova de Lisboa, Caparica, June 2015, Portugal
- INTERNATIONAL EU GRANT ACADEMY for research and innovation", RR&CO. Knowledge Centre LTD, Portoroz, Slovenia, 2015.

Certifications

- Project manager - certificate SN J 00202104/31.07.2015