



**Curriculum vitae
Europass
Personal information**



First name(s) / Surname(s) IRINA-DRAGA CĂRUNTU

WORK EXPERIENCE

Dates 2007 – present

Occupation or Position held Ph. D. Coordinator

Main activities and responsibilities Training of competent PhD students, who can then continue to conduct research independently; supervisor of 21 Ph.D. students, 14 thesis defended, 7 thesis in progress; Taught Disciplines: Fundamental Principles in Biomedical and Pharmaceutic Specific Documentation, Fundamental Principles in Biomedical and Pharmaceutic Academic Writing Research areas: General Pathology, Tumor Pathology, Nephropathology

Name and address of employer University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115

Type of business or sector Education and research

Dates 2005 – present

Occupation or Position held Professor

Main activities and responsibilities Taught Disciplines: Histology, Methodology of Biomedical Scientific Documentation and Research (graduate studies), Nephropatology, Urogenital Pathology (post-graduate studies – residency program) Research areas: General Pathology, Tumor Pathology, Nephropathology, Urogenital Pathology, Oral and Dental Pathology

Name and address of employer University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115

Type of business or sector Education and research

Dates 2002 – 2005

Occupation or Position held Associate-professor

Main activities and responsibilities Taught Disciplines: Histology, Methodology of Biomedical Scientific Documentation and Research (graduate studies) Research areas: General Pathology, Tumor Pathology, Nephropathology, Oral and Dental Pathology

Name and address of employer University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115

Type of business or sector Education and research

Dates 1999 – 2002

Occupation or Position held Assistant-professor

Main activities and responsibilities Taught Disciplines: Histology (graduate studies) Research areas: General Pathology, Tumor Pathology, Nephropathology, Oral and Dental Pathology

Name and address of employer University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115

Type of business or sector Education and research

Dates	1999 – present
Occupation or Position held	Consultant in Pathology
Main activities and responsibilities	Diagnosis and research in General Pathology, Nephropathology, Urogenital Pathology
Name and address of employer	Clinical Hospital “Dr. C. I. Parhon “ Iași, 50, Carol Avenue, Iasi, 700503
Type of business or sector	Health
Dates	1994 – 1999
Occupation or Position held	Assistant
Main activities and responsibilities	Taught Disciplines: Histology (graduate studies) Research areas: Lymph node Pathology, Oral and Dental Pathology
Name and address of employer	University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115
Type of business or sector	Education and research
Dates	1994 – 1999
Occupation or Position held	Specialist in Pathology
Main activities and responsibilities	Diagnosis and research in General Pathology, Nephropathology, Urogenital Pathology
Name and address of employer	Clinic Hospital “Dr. C. I. Parhon “ Iași, Clinical Hospital “Dr. C. I. Parhon “ Iași, 50, Carol Avenue, Iasi, 700503
Type of business or sector	Health
Dates	1991 – 1994
Occupation or Position held	Junior assistant
Main activities and responsibilities	Taught Disciplines: Histology (graduate studies) Research areas: Lymph node Pathology
Name and type of organisation providing education and training	University of Medicine and Pharmacy “Grigore T. Popa” Iași, 16, University Street, Iași, 700115
Type of business or sector	Education and research
EDUCATION AND TRAINING	
Dates	1991 – 1995
Title of qualification awarded	Ph.D. diploma in Medical Sciences
Principal subjects / occupational skills covered	Research on the diagnostic and prognostic value of the immunohistochemical assays in the non-Hodgkin malignant lymphomas
Name and type of organisation providing education and training	University of Medicine and Pharmacy “Grigore T. Popa” Iași
Level of national or international classification	doctoral studies
Dates	1991 – 1994
Title of qualification awarded	Specialist diploma in Pathology
Principal subjects / occupational skills covered	Training in general and systemic pathology: theoretical and practical instruction for diagnosis; theoretical and practical tuition for specific techniques applied in pathology laboratory
Name and type of organisation providing education and training	University of Medicine and Pharmacy “Grigore T. Popa” Iași
Level of national or international classification	residency program
Dates	1983 – 1989
Title of qualification awarded	M.D. diploma
Principal subjects / occupational skills covered	Working knowledge of the basic and clinical sciences, proficient clinical skills in the taking of a patient history and in carrying out a physical examination, analytic thinking approach to clinical situations
Name and type of organisation providing education and training	University of Medicine and Pharmacy “Grigore T. Popa” Iași
Level of national or international classification	university studies

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (*)

English Language

French Language

Understanding		Speaking		Writing	
Listening		Reading		Listening	
Spoken interaction		Spoken production			
B2	B2	B2	B2	B2	B2
C1	C1	C1	C1		B2

(*) Common European Framework of Reference for Languages

Social skills and competences

- communication and negotiation skills;
- proficient collaboration as a team member;

Organisational skills and competences

- experience in coordinating, running and development of doctoral studies: **2009 – 2012**: member of the Board of Doctoral School, University of Medicine and Pharmacy “Grigore T. Popa” Iași; **2012 – present**: director of the Council of University Doctoral Studies, University of Medicine and Pharmacy “Grigore T. Popa” Iași; **2011 – present**: member of the National Council of Titles, Diplomas and Certificates (Medicine field), Ministry of Education and Research;
- experience in coordinating, running and development of editorial and publishing process: **2004 – 2013**: director of the Editorial Board, the Publishing House “Gr. T. Popa”, University of Medicine and Pharmacy “Grigore T. Popa” Iași;
- experience in coordinating and running of projects funded by Sectoral Operational Programme Human Resources Development: **2010 – 2015**;
- experience in coordinating, running and development of residency program: **2012 – present**: coordinator of the residency program in Pathology, University of Medicine and Pharmacy “Grigore T. Popa” Iași; **2014 – present**: member in the Pathology Commission – Ministry of Health;

Technical skills and competences

- immunohistochemistry;
- computer-assisted image analysis;
- computerized morphometry;

Computer skills and competences

- PC Microsoft office (word; excel, power point)
- medical statistics

ADDITIONAL INFORMATION**• Fields of interest in research: noticeable results**

- tumor pathology
 - characterization of the pathologic background of tumors and tumor microenvironment, evaluation of the molecular prognostic markers, correlation between the clinical profile and the pathological and molecular features, offering a perspective for a personalized approach of therapy;
- nephropathology
 - morphologic and immunologic assessment of the fine needle biopsy, in native and transplanted kidney;
- experimental study on pathogenic mechanisms and therapeutic approaches
 - histological analysis of the tissue reaction on new biomaterials developed for biomedical and pharmaceutical applications in metabolic and inflammatory diseases, with improved pharmacological and pharmacokinetic profile by the use of biopolymers, investigation on the pathogenic mechanism of the digestive diseases, burns, diabetes;
- computerized morphometry in morphological diagnosis
 - development of quantitative analysis in the microscopic morphologic diagnosis, through the application of the fundamental concepts from digital image processing;

• Publications

- papers in journals with Impact Factor (Web of Science, Core Collection): in extenso: 59;
- papers in international data bases (Medline/PubMed, DOAJ, Zoological Records): 90;
- papers in proceedings (Web of Science, All Databases): 3;
- books, chapters in books in national publishing houses: 11 (6 as first/single author), respectively 8;
- chapters in books in international publishing houses: 3;
- web albums, papers: 6 (5 as single author);

• Research projects

- 2 – director;
- 12 – member of the team (10 national, 2 international);

● Specialization periods abroad

- **1993** – Université Catholique de Louvain, Bruxelles, Belgique, Unité de Citologie et Pathologie Expérimentales, Département de Morphologie Normale et Pathologique, funded by TEMPUS-PHARE;
- **2009** – Guy's and St. Thomas` Foundation Hospitals Trust, Histopathology Department, specialization in nephropathology, funded by the International Society of Nephrology;
- **2011** – Università degli Studi di Torino – Dipartimento di Scienze Biomediche e Oncologia Umana, working visit, exchange of experience and good practice, funded by Sectoral Operational Program Human Resources Development;

● Awards

- **2005** – “Victor Babeş” Award of the Romanian Academy for the monographic work *Computerized morphometry in histology and histopathology*, Publishing “Gr. T. Popa” House, Iași, 2003;
- **2003** – “Original Article” Prize of the “Carol Davila” University Press, Cellular and Molecular Medicine Foundation, for the paper *Highly effective techniques in computerized dental tissue morphometry*, in Journal of Cellular and Molecular Medicine, 2002;
- **2007** – Pio Sodalizio Dei Picensi Award of the Adriatic Society of Pathology for the paper *Concurrent histopathologic diagnoses in endometrioid endometrial carcinoma*, presented at The 22nd International Meeting of the Adriatic Society of Pathology;

● Citation

- Hirsch Index: 11 (Web of Science Core Collection), 12 (All Databases);
- total number of citations (excepting auto-citations): 516 (Web of Science Core Collection), 636 (All Databases);
- researcherid.com profile: <http://www.researcherid.com/rid/E-9966-2011>
- Publons profile: <https://publons.com/researcher/2784046/irina-draga-caruntu/>
- SCOPUS profile: <https://www.scopus.com/authid/detail.uri?authorId=6701677620>
- Google Scholar profile: https://scholar.google.com/citations?user=Pyd_d44AAAAJ&hl=en&oi=ao

● Teaching and higher education development

- **1995-2000: Microscopic Morphology**: introduction of Web educational techniques at the University of Medicine and Pharmacy „Grigore T. Popa” Iași and elaboration of on-line Histology atlases, when these new medical training strategies were at the initiation stage, at international level – the pioneering character being confirmed by the citation of our achievements in 2001 in the publication mainstream;
- **2002 – present: Methodology of Biomedical Scientific Research and Documentation**: fundamental contributions to the foundation of a new discipline within University of Medicine and Pharmacy „Grigore T. Popa” Iași, the courses focusing on the systematic development of a scientific background able to increase medical research level, in full compatibility with European university standards;
- **2002 – present: Computerized Morphometry**: initiating and promoting computerized morphometry as a direction of modern research in the medical field, including training actions for specialists by creating new experimental facilities, collaborations in projects, writing articles and giving lectures / postgraduate courses;
- **2010 – 2013: Pathology**: chief of the University management team of the project “Pathology Laboratory – Professional and Organizational Training through the Implementation of Quality Management” (Sectoral Operational Programme Human Resources Development – POSDRU/81/3.2/S/58942) ensuring general pathologists’ training for the appliance of good practice and quality standards in the current histopathology practice;
- **2010 – present: Doctoral Studies**: promotion of the general principles for good practice operational at the international level in the doctoral programs; development of training and research facilities for PhD students within the framework of special projects funded by Sectoral Operational Programme Human Resources Development (“Doctoral Scholarships for Increased Competence in Medical and Pharmaceutical Domain” – POSDRU 107/1.5/S/58965 (2010-2013), “Inter-university Partnership for Increasing Quality and Interdisciplinary in Medical Doctoral Researches through Awarding Doctoral Scholarships – DocMed.net” – POSDRU 107/1.5/S/78702 (2011-2014), “Excellence Program in Doctoral and Post-doctoral Multidisciplinary Research in Chronic Diseases” – POSDRU 159/1.5/S/133377 (2014-2015) – member in the University management teams); promoting the ethical principles of scientific research for PhD students within the framework of special projects funded by the National Council for Financing Higher Education – Institutional Development Fund (Quality in Education by Knowing and Respecting Deontology and Academic Ethics – CEMED2018/CNFIS-FDI-2018-0078, CEMED2019/CNFIS-FDI-2018-0093, CEMED2020/CNFIS-FDI-2020-0139 (2018, 2019, 2020) – member in the University management teams);

- **Membership**

- **2008 – present:** Romanian Academy of Medical Sciences, corresponding member
- The Society of Physicians and Naturalists – Iași, România;
- The Romanian Society of Morphology (president of Iași branch);
- The Romanian Society of Cytology;
- The Romanian Society of Nephrology;
- The International Academy of Pathology – Romanian Division;
- The European Society of Pathology;
- **2011:** COST Action BM1007 – member in Management Committee

- **Review boards**

- expert, National Council for Scientific Research (from 2004);
- member of the editorial board: Medical-Surgical Journal of the Society of Physicians and Naturalists – Iași (since 2004); Romanian Journal of Morphology and Embryology (since 2004); Folia Histochemica and Cytobiologica (since 2016); the African Journal of Biotechnology (since 2007);
- invited reviewer by ISI Web of Knowledge journals: Microscopy and Microanalysis, Histology and Histopathology, Tumour Biology, Computer Methods and Programs in Biomedicine, Archives of Medical Sciences, Romanian Journal of Laboratory Medicine, Disease Markers, Cancer Biomarkers, Molecular and Cellular Endocrinology, Experimental and Therapeutic Medicine, Acta Endocrinologica.

- **10 representative papers**

1. **Căruntu ID.** Highly effective techniques in computerized dental tissue morphometry. J Cell Mol Med 2002; 6(4): 631-642. (IF=1.689)
2. **Căruntu ID,** Scutariu MM, Dobrescu G. Computerized morphometric discrimination between normal and tumoral cells in oral smears. J Cell Mol Med 2005; 9, 1: 160-168. (IF=3.606)
3. **Căruntu ID,** Covic A. Renal corpuscle morphometry with increased reliability and high level of automation. Pathol Res Pract 2007; 203: 9-20. (IF=1.08)
4. Lozneau L, Cojocaru E, Giușcă SE, Cărăuleanu A, **Căruntu ID.** Lesser-known molecules in ovarian carcinogenesis. Biomed Res Int 2015; 2015: 321740. (IF=1.579)
5. Giușcă SE, Wierzbicki PM, Amălinei C, **Căruntu ID,** Avădănei ER. Comparative analysis of CD4 and CD8 lymphocytes - evidences for different distribution in primary and secondary liver tumors. Folia Histochem Cytobiol 2015; 53(3):272-281. (IF=1.36)
6. Giușcă SE, **Căruntu ID,** Cîmpean AM, Avadanei RE, Balica AR, Jitariu AA, Raica M. Tryptase-positive and CD117 positive mast cells correlate with survival in patients with liver metastasis. Anticancer Res 2015; 35(10):5325-31. (IF=1.895)
7. Lozneau L, Pincirolu P, Ciobanu DA, Carcangiu ML, Canevari S, Tomassetti A, **Căruntu ID.** Computational and immunohistochemical analyses highlight AXL as a potential prognostic marker for ovarian cancer patients. Anticancer Res 2016; 36(8):4155-4163. (IF=1.895)
8. Timofte AD, **Căruntu ID.** The prostatic cellular and molecular kaleidoscope. Starting points for carcinogenesis. Rom J Morphol Embryol 2018; 59(1):43-48. (IF=1.5)
9. Lupascu FG, Giusca SE, **Căruntu ID,** Anton A, Lupușoru CE, Profire L. The safety profile of new antidiabetic xanthine derivatives and their chitosan based formulations. Eur J Pharm Sci 2019; 127:71-78. (IF=3.53)
10. Grigoraș A, Amalinei C, Balan RA, Giușcă SE, Avădănei ER, Lozneau L, **Căruntu ID.** Adipocytes spectrum – From homeostasia to obesity and its associated pathology. Ann Anat 2018; 219:102-120. (IF=2.241)

23.04.2020