



Europass Curriculum Vitae

Personal information

First name / Surname

Ionica Pirici

Professional experience

01.2025 - present

Habilitated Associate Professor (PhD leadership)
University of Medicine and Pharmacy of Craiova

03.2020 – present

Associate Professor, Department of Anatomy
University of Medicine and Pharmacy of Craiova

01.2020 - present

Senior Neurologist (MS No 1541/ 03.09.2020)
Neuropsychiatry Hospital Craiova, Bucuresti street, Craiova 200473, Dolj, Romania

03.2014 – 09.2020

Specialist in Neurology (MS No 115 / 2014)
Neuropsychiatry Hospital Craiova, Bucuresti street, Craiova 200473, Dolj, Romania

03.2018–03.2021

Lecturer, Department of Anatomy, University of Medicine and Pharmacy of Craiova

04.2015–02.2018

Teaching assistant, Department of Anatomy, University of Medicine and Pharmacy of Craiova

01. 2008 - 02.2013

Resident in Neurology, (consecutive to the residency national examination, 2008)
Neuropsychiatry Hospital Craiova, Bucuresti street, Craiova 200473, Dolj, Romania

Education and training

09.2003–01.2007

PhD in biomedical sciences (Neuropathology, cell biology, genetics, microscopic image analysis, transgenic animals)

10.1996 – 09.2002

Medical doctor (General medicine)

University of Medicine and Pharmacy of Craiova

Personal skills and competences

Native language

Romanian

Other language(s)

English, French

Self-assessment

European level (*)

English

French

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

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

Social skills and competences

National and international training periods were also centered on the development of a “team player spirit”, communication abilities and the capacity to adapt to multicultural environments.

Organizational skills and competences

Project director:

1. Evaluation of the effect of Cerebrolysin in the treatment of multiple sclerosis on an animal model of autoimmune allergic encephalitis, contract 1007/2016, Contracting Authority Foundation for the Study of Nanoneurosciences and Neuroregeneration Cluj Napoca
2. Mobility grant - within the University of Antwerp, Belgium for access to the research infrastructure, contract 137/26.08.2019. Contracting authority UEFISCDI – project type PN-III-P1-1.1-MC-2019, , 13.10.2019 - 20.10.2019
3. The fast optimized method of including anatomical preparations fixed in plastic Formalin 6/331/9 from 31.05.2022 Internal Competition Research projects "Establishment of young research teams - Subprogramme 1.3. – 2022", University of Medicine and Pharmacy, Craiova

1. Project member in 4 Romanian national projects (neuropathology, neurology and medical imaging)

Research focuses and competences

Neurology, Neuropathology of stroke, Dementia, Parkinson Disease, Epilepsy, Electroencephalography

Computer skills and competences

Advanced knowledge on using operating systems like Microsoft Windows, MacOS, Solaris; software packages like Adobe Photoshop, Corel Designer and Corel Draw. A top level of utilization for microscopic image analysis packages like Nikon NIS-Elements (Nikon inc), Nuance (Perkin Elmer inc.), Image ProPlus (Media Cybernetics inc.), Amira (Visage Imaging, Inc), Imaris (Bitplane Inc.), NIS-Elements (Nikon), Image J (University of Sydney, Australia).

Other skills and competences

Medium 3D design skills utilizing 123 Design and Tinkercad platform (Autodesk inc.), and advanced 3D printing experience with the FDM filament technology.

Relevant papers

1. **Pirici I**, Cercelaru L, Stanca DI, Osman A, Sas L, Pirici D, Mindrila I. Simple Universal Whole-Organ Resin-Embedding Protocol for Display of Anatomical Structures. *Biomedicines*. 2023 May 12;11(5):1433. (FI=3,9)
2. Bumbea AM, Rogoveanu OC, Turcu-Stiolica A, **Pirici I**, Cioroianu G, Stanca DI, Criciotoiu O, Biciusca V, Traistaru RM, Caimac DV. Management of Upper-Limb Spasticity Using Modern Rehabilitation Techniques versus Botulinum Toxin Injections Following Stroke. *Life (Basel)*, 2023, 13(11):2218, 1-15. (FI=3,2)
3. Turcu-Stiolica A, Naidin MS, Halmagean S, Ionescu AM, **Pirici I**. The Impact of the Dietary Intake of Vitamin B12, Folic Acid, and Vitamin D3 on Homocysteine Levels and the Health-Related Quality of Life of Levodopa-Treated Patients with Parkinson's Disease-A Pilot Study in Romania. *Diagnostics (Basel)* 2024 Jul 26;14(15):1609.(FI=3)
4. Padureanu R, Albu CV, **Pirici I**, Mititelu RR, Subtirelu MS, Turcu-Stiolica RA, Sintonen H, Padureanu V, Turcu-Stiolica A. Personal Autonomy as Quality of Life Predictor for Multiple Sclerosis Patients. *J Clin Med*. 2020 May 5;9(5):1349. (FI=3,303)
5. Iulia-Diana Stanca , Oana Criciotoiu , Simona-Daniela Neamtu , Ramona-Constantina Vasile , Nicoleta-Madalina Berceanu-Bora , Teodora-Nicoleta Minca , **Ionica Pirici** , Gabriela-Camelia Rosu , Simona Bondarl The Analysis of Blood Inflammation Markers as Prognostic Factors in Parkinson's Disease Healthcare (Basel), December 2022, 10(12):2578 (FI = 3,106)
6. Padureanu V, Dragoescu O, Stoenescu VE, Padureanu R, **Pirici I**, Cimpeanu RC, Dalia D, Mihailovici AR, Tomescu P. Management of a Patient with Tuberous Sclerosis with Urological Clinical Manifestations. *Medicina (Kaunas)*. 2020 Jul 23;56(8):369. (FI=1,205)
7. Roşu GC, **Pirici I**, Istrate-Ofiţeru AM, Iovan L, Tudorică V, Mogoantă L, Gîlceavă IC, Pirici D. Expression patterns of aquaporins 1 and 4 in stroke. *Rom J Morphol Embryol*. 2019;60(3):823-830; (FI = 1,5)
8. Toader LE, Roşu GC, Cătălin B, **Pirici I**, Gîlceavă IC, Albu VC, Istrate-Ofiţeru AM, Mureşanu DF, Pirici D. Cerebrolysin increases motor recovery and decreases inflammation in a mouse model of autoimmune encephalitis. *Rom J Morphol Embryol*. 2018;59(3):755-762; (FI = 0,912)
9. Catalin B, Rogoveanu OC, **Pirici I**, Balseanu TA, Stan A, Tudorica V, Balea M, Mindrila I, Albu CV, Mohamed G, Pirici D, Muresanu DF. Cerebrolysin and aquaporin 4 inhibition improve pathological and motor recovery after ischemic stroke. *CNS Neurol Disord Drug Targets*.vol 17 (2018) (FI=2,506)
10. **Pirici I**, Balsanu TA, Bogdan C, Margaritescu C, Divan T, Vitalie V, Mogoanta L, Pirici D, Carare RO, Muresanu DF. Inhibition of Aquaporin-4 Improves the Outcome of Ischaemic Stroke and Modulates Brain Paravascular Drainage Pathways. *Int J Mol Sci*. 2017 Dec 23;19(1) (FI=3,687)
11. Popescu ES, **Pirici I**, Ciurea RN, Balseanu TA, Catalin B, Margaritescu C, Mogoanta L, Hostiuc S, Pirici D. Three-dimensional organ scanning reveals brain edema reduction in a rat model of stroke treated with an aquaporin 4 inhibitor. *Rom J Morphol Embryol*. 2017; 58(1):59-66; (FI=0,811)
12. **Pirici I**, Ciurea ME, Mîndrilă I, Avrămoiu I, Pirici A, Nicola MG, Rogoveanu OC. Basal cell carcinoma develops in contact with the epidermal basal cell layer - a three-dimensional morphological study. *Rom J Morphol Embryol*. 2016; 57(1):99-105; (FI=0,6171)
13. Mogoanta L, Ciurea M, **Pirici I**, Margaritescu C, Simionescu C, Ion DA, Pirici D. Different dynamics of aquaporin 4 and glutamate transporter 1 distribution in the perineuronal and perivascular compartments during ischemic stroke. *Brain Pathol*. 2014; Sep; 24(5):475-93; (FI=4,643)
14. Pirici D, **Pirici I**, Mogoanta L, Margaritescu O, Tudorica V, Margaritescu C, Ion DA, Simionescu C, Coconu M. Matrix metalloproteinase-9 expression in the nuclear compartment of neurons and glial cells in aging and stroke. *Neuropathology*. 2012; Oct; 32(5):492-504. doi: 10.1111/j.1440-1789.2011.01279.x. Epub 2011 Dec 8 (FI=1,909)

Patents:

1. **Pirici I**, Pirici D, Muresanu FD, Mogoanta L, Margaritescu C, Balseanu TA, Bogdan C. Automated device and procedure for clearing of anatomical and pathological specimens. Patent no. 131896 / 30.08.2018 issued by the Romanian State Office for Inventions and Trademarks (OSIM).

Citations according to Clarivate Web of Science: 625 (without self-citations), a calculated Hirsch index of 13 (according to the Citation Report from 07.04.2025)

Assoc. Professor Pirici Ionica, MD, PhD (medical sciences)
University of Medicine and Pharmacy Craiova
Department of Anatomy,
Petru Rares Street 2, 200349
Craiova, Dolj, Romania
tel: +40 (0) 742 758 934

07.04.2025