


## PERSONAL INFORMATION

## Lucian HRIȚCU

 Alexandru Ioan Cuza University of Iasi, Faculty of Biology, Department of Biology, Bd. Carol I, No. 11, 700506 Iasi (Romania)

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## WORK EXPERIENCE

2015–Present

**Full Professor**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

Educational and research activities

2013–2015

**Associate Professor**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

Educational and research activities

2007–2013

**Assistant Professor**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

Educational and research activities

2004–2007

**Teacher assistant**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

Educational and research activities

2001–2004

**Junior teacher**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

Educational and research activities

## EDUCATION AND TRAINING

2014

**Habilitation (Biology domain)**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

2001–2006

**PhD in Biology, Animal Physiology and Neuroimmunomodulation specialization, Cum laudae distinction**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

2000–2002

**Microbial and Cell Biotechnology Master**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

1996–2000

**Biology degree diploma**

Alexandru Ioan Cuza University of Iasi, Department of Biology, Iasi (Romania)

## PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills good communication skills gained by teaching and research activities

Organisational / managerial skills

- Member of the Board of the Faculty of Biology, during 2012-2015.
- Council Member of Department of Biology, Faculty of Biology, during 2012-2015 and 2016-2020.
- Project Manager TD, no. 461/2006, in 2006-2007
- Project manager type IDEAS, no. 1073/2009, during the period 2009-2011.
- Member of Peer-reviewed journal commits Romanian Journal of Physiology, Romanian Academy Publishing House, ISSN 1223-4974, 2006.
- Associate Editor of the journal Scientific Annals of University "Alexandru Ioan Cuza" (new series), ISSN1582-3571, CNCSIS B + category, indexed by Index Copernicus, DOAJ, Thomson Reuters Zoological Record, 2006.
- Reviewer of scientific articles of the ISI journal: Materials Science and Engineering: C - Materials for Biological Applications, Journal of Medicinal Food, Food and Chemical Toxicology, Brain Research, Phytomedicine, Journal of Ethnopharmacology, Pharmacology, Biochemistry and Behavior, etc.
- Member of Organizing Committee Scientific Session "Biochemistry and molecular biology - Present and Perspectives" University Days "Alexandru Ioan Cuza" Iasi, 24 to 25 October 2008
- Member of Scientific Committee of Scientific Session "Molecular Interactions in Living World," October 15 to 16, 2010 Iasi, Romania
- Member of Organizing Committee Scientific Session "The human impact on the structural and functional diversity of biological systems", 26-27 October 2012, Iasi, Romania
- Chairperson, Session4, in The 5th "Gheorghe Marinescu" Symposium of the National Neuroscience Society of Romania with International Participation, October 1-3 2009, Bucharest, Romania
- Member committee to obtain habilitation certificate
- Member committee to obtain graduate diploma
- Chairman of commission for obtaining the degree I teacher in secondary education.

Job-related skills

**Teaching and research skills:**

Using laboratory equipment for the animal physiology studies-

- **neurobiology** microscopy, molecular biology, neurosurgery: stereotaxic technique
- **animal behavior specific tests:** Y-maze, radial arm-maze, elevated plus maze, forced swimming, the passive avoidance test, active avoidance test.

Digital competence

Microsoft Office: Word, Excel, PowerPoint, XLSTAT, Minitab, ANYMAZE software for analyzing animal behavior, GraphPad PRISM 6 software for Windows for statistical analysis

ADDITIONAL INFORMATION

Publication

In the animal physiology field of research, I published:

■ **121 scientific works: 71 ISI articles and 50 BDI articles**

■ **H-Index: 18; 787 citations (powered by Scopus)**

■ **Author of four books:** one monograph, two university courses, one supervisor of practical work

■ **Author of three books chapters:** one national (Publisher "Alexandru Ioan Cuza") and 2 international (NovaScience Publisher, Springer)

**Areas of Research**

- Neurobiology of cognitive processes: learning and memory
- Neuroimmunomodulation
- Neurobiology oxidative stress

**Specialization stages**

- LLP Teaching Erasmus Programme, Vigo University, Spain, 5-14 June 2010, Laboratory of Molecular Genetics - Prof. dr. Andres Sanjuan Lopez, Laboratory of Neuroscience - Prof. dr. Antonio Lamas
- LLP Teaching Erasmus Programme, Firat University, Turkey, 20-26 May 2013, Department of Biology, Prof. dr. Eyup Bagci.
- LLP Teaching Erasmus Programme, Firat University, Turkey, 19-25 May 2014, Department of Biology, Prof. dr. Eyup Bagci.
- 2221 TUBITAK Fellowship program for visiting scientist, 1 december 2014-28 february 2015, Department of Biology, Prof. dr. Eyup Bagci.
- Doctoral internship, Department of Neuroscience, Erasmus Medical Center Rotterdam, Olanda, november 2004- january 2005, Prof. dr. Gerard Borst

**Training courses**

**International**

- CSHL-partnered summer course "Cellular biology of addiction", University Pompeu Fabra-PRBB, Barcelona, 18-25 July 2012

**National**

- "Getting critical thinking in the scientific context", 27.11.2012, lasi, POSDRU/89/1.5/S/49944
- Didactics of teaching biology, 11-17.02.2013, Sinaia, POSDRU/87/1.3/S/63709

**Projects**

**Principal investigator**

- 2004-2006 - Grant CNCSIS, tip A, No. 639/2004 – The interaction between cholinergic, catecholaminergic and serotonergic systems in the rat learning and memory processes".
- 2006-2007- Grant CNCSIS, tip TD, no. 461/2006 - Investigating the role of neurotransmitters in regulating the animal defense function
- 2009-2011 - PNII IDEAS, code CNCSIS 85, no. 1073/2009 -The impact of bacterial superantigens on the animal physiological status
- 2014-2015, 2221 TUBITAK Fellowships program for Visiting Scientists and Scientists on Sabbatical Leave, Firat University, Elazig, Turkey

**Member of research teams**

- 2005-2008 – Grant CEEEX, no. 252/2005
- 2006-2008 – Grant CEEEX 110/2006
- 2009-2011 - PNII IDEAS, code CNCSIS 1996
- 2008-2009 - PN II CAPACITIES 195CPI/2008-2010
- 2013-2015 - Internal Grant TE, University of Medicine and Pharmacy "Gr.T.Popa" lasi
- 2012-2015 - Proiectnr.1/2/193- "Resources pilot centre for cross-border preservation of the aquatic biodiversity of Prut River

- 2015-2017: PN II TE 6-hydroxy-nicotine effects on neurotoxicity and oxidative stress induced by chlorizondamine: relevance Alzheimer disease, Principal investigator: Associate Professor dr. Marius Mihășan
- 2015-2017: PN II: TE, The characterization of pathophysiological protein modifications by bio-affinity mass spectrometric methods, director de proiect: Principal investigator: Assistant Professor dr. Brinduşa Alina Petre

## Conferences

### National

- Sesiunea Științifică a Universității "Alexandru Ioan Cuza", Iași, 2002-2014, România
  - A XXVII-A Sesiunea Științifică Anuală a Societății Române de Biologie Celulară, 11-14 iunie 2009, Bistrița, România
  - Al IV-lea Simpozion al Societății Naționale de Neuroștiințe, București, 30-31 mai 2008, România
  - Simpozionul Gheorghe Marinescu al Societății Naționale de Neuroștiințe, București, 2-3 iunie 2007, România
  - Conferința „Ortho posturo gnosis and osteopathic medicine”: the knowledge to influence and control of the diseases, Zilele Universității de Medicină și Farmacie Gr. T. Popa, Iași, 22 noiembrie-1 decembrie 2008, România
  - Al 2-lea Congres Internațional al Societății Române de Biologie Celulară, 8-10 iunie 2006, Iași, România
  - Al 3-lea Congres Internațional al Societății Române de Biologie Celulară, 8-12 iunie 2012, Arad (RO)-Szeged (HU)
  - Al 4-lea Congres Internațional al Societății Române de Biologie Celulară, 13-17 iunie, 2012, Satu Mare (RO)-Debrecen (HU)
- Congresul Național de Farmacie din România cu participare internațională, ediția a XV-a, 24-27 septembrie 2014, Iași, România

### International

- The 3rd EMBO Meeting, Vienna, Austria, 10-13 September, 2011
- 11th International Congress on Amino Acids, Peptides and Proteins, Vienna, Austria, August 3–7, 2009
- 36th FEBS CONGRESS, Torino, Italy, June 25-30, 2011
- International Symposium dedicated to 75th anniversary of Professor Andrei Munteanu - Sustainable use and protection of animal world diversity - Chisinau, Republica Moldova, 30-31 October 2014, Institute of Zoology of Academy of Sciences of Moldova

## Honours and awards

### National awards

- **Best Lecture Presentation Award, Simpozionului Național cu participare Internațională „PLANTE MEDICINALE – PREZENT ȘI PERSPECTIVE”, 6-9 septembrie 2016, Piatra Neamț, România**
- **Emil Racoviță award granted by Romanian Academy, 2013**
- Third prize 5th “Gheorghe Marinescu” Symposium of the National Neuroscience Society of Romania with international participation, Bucharest, October 1-3, 2009
- Special Prize for Poster Presentation 5th International Congress for Medical Students and Young Doctors, Congressis 2008

### International awards

- Poster prize The 3rd International Congress on Brain and Behavior of the International Society on Brain and Behavior and the 16th Thessaloniki Conference of the South-East European Society for Neurology and Psychiatry, November 28th-December 2nd, 2007; Chairman of the poster award: Prof. Constantin Bours, University of Geneva
- Poster prize în cadrul 13th International Scientific GeoConference SGEM2013, 16-22 June 2013, Albena, Bulgaria

## Memberships

**National**

- National Neuroscience Society
- Romanian Society for Cell Biology

**International**

- European Federation of Neuroscience Societies (FENS)
- International Brain Research Organization (IBRO)

## Publications

**Pubmed:**

<https://www.ncbi.nlm.nih.gov/pubmed/?term=hritcu+l>.