

PERSONAL INFORMATION

Ștefan-Claudiu MIRESCU



✉ claudiu.mirescu@gmail.com

Pathologist specialist, Biologist, Teaching assistant in Biology, Histopathology and Cytology

Sex Male | Date of birth 02/03/1987 | Nationality Romanian

WORK EXPERIENCE

- Since 2019 **Pathologist Specialist**
Pedipat Cluj-Napoca
- 2017-2019 **Pathologist Specialist**
Emergency Municipal Hospital Cluj-Napoca
- Since 2013 **Teaching Assistant**
Babeș-Bolyai University Cluj-Napoca, Department of Molecular Biology and Biotechnology
- 2013-2016 **Resident Pathologist**
Regional Institute of Gastroenterology and Hepatology Cluj
Emergency County Hospital Cluj

EDUCATION AND TRAINING

- Since 2017 **PhD Studies at Advanced Study School of the Romanian Academy (Biology and Biochemistry)**
- 2011-2013 **MSc in Cell Biotransformations**
Faculty of Biology and Geology, *Babeș-Bolyai* University, Cluj-Napoca
- 2006-2012 **Degree in Medicine**
University of Medicine and Pharmacy *Iuliu Hațieganu*, Cluj-Napoca
- 2008-2011 **Degree in Biochemistry**
Faculty of Biology and Geology, *Babeș-Bolyai* University, Cluj-Napoca (Valedictorian)
- 2006-2012 **Highschool Diploma**
Frații Buzești National College, Craiova

PERSONAL SKILLS

- Critical thinking, Flexibility, Motivation
- Mother tongue Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1

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

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Independent	Independent	Independent	Independent	Independent

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

Driving licence Category B

Publications IN ISI INDEXED JOURNALS

Iulia Andraș, Dana Crișan, Emanuel Cătă, Attila Tamaș-Szora, Cosmin Caraiani, Radu-Tudor Coman, Cătălina Bungărdean, **Ștefan-Claudiu Mirescu**, Ioan Coman, Nicolae Crișan. *MRI-TRUS fusion guided prostate biopsy – initial experience and assessment of the role of contralesional lobe systematic biopsy*, Medical Ultrasonography, 2018:0, 1-8 Online first

Ștefan-Claudiu Mirescu, Rodica Păiș, Bogdan Stănoiu, Luca Di Natale, Alina Simona Șovrea. *The value of exfoliative cytology in the diagnostic of oral mucosa changes in diabetes mellitus*, Romanian Journal of Morphology and Embriology, 57(4), 1313-1322

Carmen Georgiu, Iulian Opincariu, Cristina-Ligia Cebotaru, **Ștefan-Claudiu Mirescu**, Bogdan-Petre Stănoiu, Teodora Ana Maria Domșa, Alina Simona Șovrea. *Intracranial immature teratoma with a primitive neuroectodermal malignant transformation – case presentation and review of the literature*, Romanian Journal of Morphology and Embriology, 57(4), 2016, 1389-1395

Nora Lupșan, Liliana Resiga, Adina Bianca Boșca, Carmen Georgiu, Doinița Crișan, **Ștefan-Claudiu Mirescu**, Anne-Marie Constantin, Ioan Șimon, Alina Șovrea. *Diagnostic reevaluation of 17 cases of pheochromocytoma – a retrospective study*, Romanian Journal of Morphology and Embriology, 2016, 57(2 Suppl):651-661

Carmen Georgiu, Emilia Mihuț, Iulian Raus, **Ștefan-Claudiu Mirescu**, Laura Szabo, Alina Simona Șovrea. *Pediatric glioblastoma with giant cells and „supratentorial“ primitive neuroectodermal components – case report and review of literature*, Romanian Journal of

Morphology and Embriology, 2015, 56(3):1165-117

IN BDI INDEXED JOURNALS

Ștefan-Claudiu Mirescu, Andreea Loredana Ciocoiu, Leontin David, Corneliu Tarba. *Heart rate variability: a practical review for the beginner*, Studia Universitatis Babeș Bolyai, Seria

Ștefan-Claudiu Mirescu, Beatrice Andreea Caitas, Sergiu Holhoș, Corneliu Tarba, Leontin David. *The effects of electronic cigarette smoking on heart rate variability – Short communication*, Studia Universitatis Babeș Bolyai, Seria Biologia

Ștefan-Claudiu Mirescu, Grațian Țuțuraș, Mihaela Mera, Doinița Crișan, Răzvan Ciortea, Daniel Mureșan. *A series of two rare cases of fetus papyraceus*, *Romanian Journal of Functional and Clinical, Macro- and Microscopical Anatomy and of Anthropology*, Vol. 3, 2016

Adrian Bogdan Țigu, Alin Iulian Moldovan, Cristian Silviu Moldovan, Sabina Pojar, Rareș Drula, Claudiu Traian Jula, Diana Gulei, Mădălina Lorena Nistor, Bianca Patricia Moldovan, **Ștefan-Claudiu Mirescu**, Corina Luminița Roșioru. *Lycopene and Phycocyanin – biological properties in experimental diabetes: effects on biochemical, enzymatic and hystological parameters*, Studia Universitatis Babeș-Bolyai Seria Biologia, LXI, 2, 2016

Ștefan-Claudiu Mirescu. *Computer sound card used as analog-to-digital converter in a teaching physiology laboratory*, Studia Universitatis Babeș-Bolyai Seria Biologia, LX, 2, 2015:85-88

Ștefan-Claudiu Mirescu, Maria Petrescu, Felicia Petrescu, Nicoleta- Cornelia Mirescu, Leontin David. *Challenges in implementing heart rate variability testing in a family medicine practice: strengths, pitfalls and caveats*, Studia Universitatis Babeș-Bolyai Seria Biologia, LIX, 2, 2014:105-113

Ștefan-Claudiu Mirescu, Renata Vasiu. *A histopathological study of cholecystectomy specimens sampled from April 2012 to April 2013 in the Pathology department of the Municipal Hospital, Cluj-Napoca*, Studia Universitatis Babeș-Bolyai Seria Biologia, LIX, 2, 2014:99- 104

Ștefan-Claudiu Mirescu, Doinița Crișan. *Axial sections as a potential alternative to classical dissection of small fetuses*, *Revista Română de Anatomie Funcțională și Clinică, Macro- și Microscopică și de Antropologie*, 2014, Vol. 13(3):283-285

Ștefan-Claudiu Mirescu, Scott W. Harden. *Photoplethysmography as a potential alternative to electrocardiography for recording heart rate intervals used in variability analysis*, *Journal of Medicine and Life*, 2012, Vol. 5 (Special Issue), 123-128

Ștefan-Claudiu Mirescu, Scott W. Harden. *Nonlinear dynamics methods for assessing heart rate variability in patients with recent myocardial infarction*, *Romanian Journal of Biophysics*, 2012 22(2):117-124

Nicoleta-Cornelia Jujan, **Ștefan-Claudiu Mirescu**, Anca Fărcaș. *Assessing coping and locus*

of control in cardiovascular patients, Studia Universitatis Babeș-Bolyai Seria Biologia, LVII, 1, 2012, 57-65

Ștefan-Claudiu Mirescu, Corina-Luminița Roșioru. *Electrophysiological evaluation of the normal and intoxicated rat liver: electrical resistance measurements*, Annals of The Romanian Society of Cell Biology, Vol. XV, 2, 2010

Ștefan-Claudiu Mirescu, Lidia Ciobanu, Vasile Andreica, Corina-Luminița Roșioru. *The electrical resistance of acupuncture source points as a relevant factor for inner organ status*, Studia Unviersitatis Babeș- Bolyai, Biologia, LV, 1, 2010, 103-110

Ștefan-Claudiu Mirescu, Traian Bocu. **Aspecte electrofiziologice ale răspunsului galvanic al pielii în timpul efortului fizic de intensitate redusă**, Palestrica Mileniului III – Civilizație și Sport, Vol. X, Nr. 2 (36), Iunie 2009, 212-215

Published books

Ștefan-Claudiu MIRESCU, Diana-Maria ZAMFIRESCU, Ileana Cătălina BUNGĂRDEAN. *Esențialul în histopatologie*, Editura Presa Universitară Clujeană, Cluj-Napoca, 2017 (ISBN 978-606-37-0178-8)

Awarded presentations

Heart rate variability as an indicator of sympatho-vagal balance in chronic diseases. Ștefan-Claudiu Mirescu, Camelia-Sidonia Lazăr, Alina- Simona Șovrea, Corneliu Tarba, Leontin David. Abstracts of the Anual Meeting of The Iuliu Hațieganu University of Medicine and Pharmacy Cluj-Napoca, 21-25 November 2016, Clujul Medical, 89(Suppl 4), 2016

Extracranial meningioma presenting as a left parietal soft tissue tumour. Camelia Sidonia Lazăr, Florin Onișor-Gligor, Ștefan-Claudiu Mirescu, Doinița Crișan. *Virchows Archiv* (2016) 469 (Suppl 1):S1-S346

Histological reevaluation of 17 cases of pheochromocytoma – a retrospective study. Lușan Nora, Resiga Liliana, Georgiu Carmen, Crișan Doinița, Mirescu Claudiu, Boșca Adina Bianca, Șovrea Alina Simona. 14th National Symposium of Microscopic Morphology with International Participation, 4-6 May 2016, Tîrgu Mureș

Retinoblastoma: pathology and immunohistochemistry diagnosis algorithm. Mirescu Claudiu, Lazăr Camelia, Georgiu Carmen. 14th National Symposium of Microscopic Morphology with International Participation, 4-6 May 2016, Tîrgu Mureș

Intracranial immature teratoma: case report. Georgiu Carmen, Pop Bogdan, Trif Andrada-Ramona, Domșa Ana-Maria Teodora, Lazăr Camelia Sidonia, Mirescu Claudiu, Crișan Doinița, Șovrea Alina

Evaluarea sistemului nervos vegetativ și a alternanței simpato-vagale la om prin variabilitatea frecvenței cardiace, Sesiunea anuală de comunicări științifice Bistrița, 13-14 noiembrie, 2015

Retinoblastoma – a case study, 3rd International Medical Congress for Students and Young Doctors Asklepios, Sibiu – 3rd Prize 2010 Particularities of the galvanic skin response in humans, 3rd International

Medical Congress for Students and Young Doctors Asklepios, Sibiu – First Prize 2009 Galvanic profile of normal and intoxicated rat liver – National Conference for Medical Students and Young Doctors, Bucharest – First Prize 2009 Electrophysiological evaluation of the normal and intoxicated rat liver: electrical resistance measurements - 2nd International Medical Congress for Students and Young Doctors Asklepios, Sibiu – First Prize

Electrophysiological aspects of galvanic skin response during physical effort, Craiova International Medical Students Conference, Craiova – First Prize 2008 Mathematical modelling of some experimental and diagnostic processes, Conference of the National Society of Medical Genetics, Craiova

Honours and awards

Paraoxonase Status in Chronic Renal Failure, Craiova International Medical Students' Conference, 2007 – First prize

2012 – Second prize, Don't give your ideas away contest, organized by State Bureau for Inventions and Trademarks (OSIM)

2011 – Prize for medical student scientific activity, offered by the Gerota Foundation and medicalstudent.ro, Gala Medica Academica

2010 – Second prize, Innovative Scientific Ideas, organized by the The Scientica Foundation and The Academy of Romanian Scientists (AOSR)

2012 – Silver Medal at ProInvent International Inventions Exposition, Cluj- Napoca

2012 – Silver Medal, Romanian Inventors Forum, ProInvent International Inventions Exposition, Cluj- Napoca