

## Facultatea de Medicină

Universitatea de Medicină, Farmacie, Științe și Tehnologie „George Emil Palade”  
Târgu Mureș

### LISTA DE LUCRĂRI

- a) Teza de doctorat
- b) Cărți de specialitate
- c) Capitole în volume colective
- d) Articole publicate in extenso

#### (1) Articole în reviste cotate ISI, cu factor de impact

1. Scridon A, **Halațiu VB**, Balan AI, Cozac DA, Moldovan V, Bănescu C, Perian M and Șerban RC (2021) *Long-Term Effects of Ivabradine on Cardiac Vagal Parasympathetic Function in Normal Rats*. Front. Pharmacol. 12:596956. doi: 10.3389/fphar.2021.596956 **IF (2019) 4.225**
2. Rodean IP, Lazăr L, **Halațiu VB**, Biriș C, Benedek I, Benedek T. *Periodontal Disease Is Associated with Increased Vulnerability of Coronary Atheromatous Plaques in Patients Undergoing Coronary Computed Tomography Angiography — Results from the Atherodent Study*. J. Clin. Med. 2021, 10(6): 1290. DOI: 10.3390/jcm10061290 **IF (2019) 3.303**
3. Scridon A, Perian M, Marginean A, Vântu A, Gherțescu D, Fișca C, **Halațiu VB**, Grigoraș T, Șerban RC. *Streptozotocin-Induced Diabetes Mellitus – a Paradox of High Intrinsic Platelet Reactivity and Low In Vitro Platelet Aggregation*. Acta Endo (Buc) 2019, 15 (1): 46-51. DOI: 10.4183/aeb.2019.46 **IF (2019) 0.529**
4. Scridon A, Perian M, Grigoraș T, **Halațiu VB**, Vântu A, Balan AI, et al. *Spontaneous atrial fibrillation after long-term transesophageal atrial burst pacing in rats. Technical and procedural approach to a new in vivo atrial fibrillation model*. Rev Romana Med Lab. 2018, 26(1):105-11. DOI:10.1515/rrlm-2017-0041 **IF (2018) 0.8**
5. Nechifor-Boliă AC, Loghin A, Vacariu V, **Halațiu VB**, Borda A. *The storage period of the formalin-fixed paraffin-embedded tumor blocks does not influence the concentration and purity of the isolated DNA in a series of 83 renal and thyroid carcinomas*. Rom J Morphol Embryol. 2015, 56(2 Suppl):759–763. **IF (2015) 0.811**

#### (2) Articole în reviste cotate ISI fără factor de impact

### (3) Articole în reviste indexate BDI

1. Balan AI, Grigoraș T, Matei C, Grigoraș A, Halațiu VB, Șerban RC, Scridon A. *Effect of Isoflurane Anesthesia on the Heart Rate and Blood Pressure Response to Autonomic Nervous System Stimulation and Inhibition in Rats*. Acta Medica Marisiensis 2020; 66(3):92-96.
2. Dinesch V, Dinesch M, Sirbu IV, Macarie C, **Halațiu VB**, Buruian M. *Predictors of Progression of Coronary Atherosclerosis after Percutaneous Coronary Intervention*. Acta Medica Marisiensis 2018; 64(3):103-107.

### e) Articole publicate în rezumat în reviste și volumele unor manifestări științifice

#### - internaționale

1. Scridon A, **Halațiu VB**, Balan AI, Cozac DA, Moldovan GV, Banescu C, Perian M, Șerban RC. *Long-term effects of hyperpolarization-activated inward current blockade on cardiac parasympathetic activity*. EHRA 2021, EP Europace, Volume 23, Issue Suppl. 3, May 2021, euab116.541.
2. Scridon A, **Halațiu VB**, Balan AI, Cozac D, Perian M, Șerban RC. *Chronic if current blockade prevents heart rate lowering during acute vagal stimulation*. EHRA 2019, Lisbon, Portugal, 17-19 march 2019. Europace 2019; 21(Suppl. 2): ii259.
3. Scridon A, Perian M, Grigoras T, **Halațiu VB**, Vantu A, Balan AI, Cosma IA, Barmou AC, Finascu BA, Șerban RC. *Chronic hyperpolarization-activated inward current blockade increases both sympathetic and parasympathetic activation*. Frontiers in CardioVascular Biology 2018, Viena, Austria, 20- 22 aprilie 2018. Cardiovasc Res 2018; 114(Suppl. 1): S27-S28.
4. Scridon A, Perian M, Grigoraș T, **Halațiu VB**, Vântu A, Balan AI, Cosma IA, Barmou AC, Finașcu BA, Șerban RC. *Ivabradine-induced atrial tachyarrhythmias in healthy rats*. Europace 2018; 20(Suppl. 1): i47-i47.

#### - naționale în calitate de prim autor

1. **Halațiu VB**, Balan AI, Grigoraș T, Matei C, Grigoraș A, Șerban RC, Scridon A. „*The effects of isoflurane anesthesia on the heart rate response to parasympathetic stimulation and inhibition in rats*.” XIII National congress of Romanian Society of Physiology, From cell to patient... and back to cell. 22-24 october 2020, Târgu Mureș. Book of abstract, p 28.
2. **Halațiu VB**, Balan AI, Cozac DA, Saleh S, Perian M, Șerban RC, Scridon A. „*The effects of chronic ivabradine administration on cardiovascular autonomic control during acute vagal stimulation*”. The 58<sup>th</sup> National Congress of Cardiology, Sinaia 2019, Supplement, p27-28.

3. **Halațiu VB**, Balan AI, Finașcu BA, Cozac DA, Perian M, Șerban RC, Scridon A. „*Bisphenol A - effects on atrial action potential parameters*”. The 11th Conference of Ph.D. Students and Young Doctors, Târgu Mureș, 11 december. Book of Abstracts, p 151.
4. **Halațiu VB**, Balan AI, Cosma IA, Barmou AC, Finașcu BA, Moldovan DL, Cozac DA, Perian M, Scridon A. „*Occurrence of spontaneous atrial tachyarrhythmias after repeated atrial burst pacing in rats. The role of the autonomic nervous system.*” The 57 National Congress of Cardiology, Sinaia, 2018. Romanian Journal of Cardiology, 28 Suppl., p 306-307.
5. **Halațiu VB**, Balan AI, Cozac DA, Perian M, Șerban RC, Scridon A. „*Chronic ivabradine administration prevents exaggerated heart rate lowering during acute in vivo parasympathetic stimulation.*” A 30-a Conferință Națională de Fiziologie, Fiziologie integrativă – de la mecanisme fundamentale la aplicații biomedicale, 27-29 septembrie 2018, Cluj Napoca. Clujul Medical 2018, 91(Suppl. 6), p 35-36.
6. **Halațiu VB**, Delfanne C, Scridon A, Marchand H, Bordachar P. „*Wide QRS-complex tachycardias under flecainide therapy in a patient with atrial fibrillation and no significant structural heart disease*”. Al 56-lea Congres Național de Cardiologie, 20-23 septembrie 2017, Sinaia, România.
7. **Halațiu VB**, Grigoraș T, Vântu A, Mănescu A, Călburean P, Perian M, Scridon A. „*Ivabradine increases arrhythmia inducibility in a rat model of transesophageal pacing-induced atrial fibrillation*”. The 29<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences with international attendance, 25-27 may 2017, Timișoara, Fiziologia, Suppl 1, p 19-20.

- **naționale în calitate de prim coautor**

1. Balan AI, **Halațiu VB**, Vântu A, Grigoraș T, Cosma IA, Barmou AC, Finașcu BA, Cozac DA, Perian M, Șerban RC, Scridon A. „*The impact of chronic ivabradine administration on atrial arrhythmogenesis and autonomic nervous system in rats*”. XIII National congress of Romanian Society of Physiology, From cell to patient... and back to cell. 22-24 october 2020, Târgu Mureș. Book of abstract, p 10.
2. Saleh S, **Halațiu VB**, Balan AI, Finașcu BA, Cozac DA, Perian M, Șerban RC, Scridon A. „*Bisphenol A – effects on hemodynamic and autonomic parameters and on cardiac arrhythmogenesis in healthy female rats*”. A 30- a Conferință Națională de Fiziologie, Fiziologie integrativă – de la mecanisme fundamentale la aplicații biomedicale, 27-29 septembrie 2018, Cluj-Napoca, România. Clujul Medical 2018, 91(Suppl. 6), p 35.
3. Rădulescu MF, Balan AI, **Halațiu VB**, Grigoraș T, Finașcu BA, Barmou AC, Cozac DA, Cosma IA, Perian M, Șerban RC, Scridon A. „*Effects of chronic ivabradine administration on ventricular arrhythmogenesis in vivo rats*”. A 30-a Conferință Națională de Fiziologie, Fiziologie integrativă – de la mecanisme fundamentale la aplicații biomedicale, 27-29 septembrie 2018, Cluj-Napoca, România. Clujul Medical 2018, 91(Suppl. 6), p 36.

4. Balan AI, **Halațiu VB**, Grigoraș T, Finașcu BA, Barmou AC, Cozac DA, Cosma IA, Perian M, Șerban RC, Scridon A. „*The impact of chronic ivabradine administration on transesophageal pacing-induced atrial fibrillation*”. A 30-a Conferință Națională de Fiziologie, Fiziologie integrativă – de la mecanisme fundamentale la aplicații biomedicale, 27- 29 septembrie 2018, Cluj-Napoca, România. Clujul Medical 2018, 91(Suppl. 6), S34.
5. Scridon A, Perian M, Vântu A, Mănescu A, **Halațiu VB**, Grigoraș T, Șerban RC. „*Atrial fibrillation patophysiology – from bench to bedside*”. The 29<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences with international attendance, 25-27 may 2017, Timișoara, Fiziologia, Suppl 1, p 18.
6. Perian M, **Halațiu VB**, Grigoraș T, Vântu A, Avram C, Scridon A. „Chebyshev or Butterworth filter for ECG signals acquisition?” The 29<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences with international attendance, 25-27 may 2017, Timișoara, Fiziologia, Suppl 1, p 37.
7. Grigoraș T, **Halațiu VB**, Vântu A, Mănescu A, Avram C, Scridon A, Perian M. „*Surface electrocardiogram recording in small animals*”. The 29<sup>th</sup> National Conference of the Romanian Society of Physiological Sciences with international attendance, 25-27 may 2017, Timișoara, Fiziologia, Suppl 1, p 47-48.
8. Perian M, Scridon A, Marusteri M, **Halațiu VB**, Grigoras T, Avram C. „*Microprocessor-controlled thermostat for organ baths*”. Days of the University of Medicine and Pharmacy of Tîrgu Mureș, Scientific Session of University Educational Staff, 8-9 december, 2016, Acta Medica Marisiensis, Volume 62, Suppl 8, p 110.
9. Loghin A, Chibeleian C, **Halațiu VB**, Borda A. „*Gleason score versus gleason grade group concordance on prostate needle biopsy and radical prostatectomy*”. Days of the University of Medicine and Pharmacy of Tîrgu Mureș, Scientific Session of University Educational Staff, 8-9 december, 2016, Acta Medica Marisiensis, Volume 62, Suppl 8, p 75.
10. Loghin A, Chibeleian C, Nechifor-Boilă A, **Halațiu VB**, Borda A. „*Histoprognostic factors in prostate cancer: correlation between prostate needle biopsy and radical prostatectomy*”. 14<sup>th</sup> National Symposium of Microscopic Morphology, 4-6 may 2016, Târgu Mures. Acta Medica Marisiensis, Volume 62, Suppl 3, p 13-14.