

INFORMAȚII PERSONALE

SOMKEREKI CRISTINA



EXPERIENȚA PROFESIONALĂ

04.11.2019-07.11.2019

SUSTINERE EXAMENULUI DE SPECIALITATEA DOMENIUL CARDIOLOGIE

DIN 2020 PANA IN PREZENT

MEDIC SPECIALIST CARDIOLOG

INSTITUTUL DE URGENTA PENTRU BOLI CARDIOVASCULAARE SI TRANSPLANT CARDIAC
TARGU MURES - Strada Gheorghe Marinescu 50, Târgu Mureș 540136.- TERAPIE ACUTĂ CARDIACĂ

DIN 2020 PANA IN 2022

ASISTENT DE CERCETARE STIINTIFICA –CCAMF TARGU MURES
ASISTENT UNIVERSITAR DISCIPLINA DE FIZIOLOGIE-UMFST TARGU MURES

DIN 2022 PANA IN PREZENT

ASISTENT UNIVERSITAR-DISCIPLINA MEDICINA INTERNA V- Clinica Cardiologie-
UMFST Targu Mures

DIN 2020-2023

FORMATOR in proiectul POCU /805/4/9/137424 Totul pentru Inima Ta.

DIN 2023-PANA IN PREZENT

Membru PROIECT REACT-NR (AMILOIDOZA CARDIACĂ)

DIN 2025 PANA IN PREZENT

EXPERT STIINTIFIC SENIOR-proiect JACARDI

EDUCAȚIE ȘI FORMARE

PERIOADA

2019-2024

Student Doctorand in Cadrul UMFST Targu Mures- loc bugetat cu bursa

2025

Obținerea titlului de Doctor in științe medicale-titulul tezei de doctorat: Nefropatia indusă de substanțe de contrast.

Scrieți nivelul
EQF, dacă îl
cunoaștețiCALIFICARE/DIPLOMA
OBTINUTĂ
PROGRAMUL DE
STUDII/SPECIALIZARE
NUMELE ȘI TIPUL
INSTITUTIEI DE
ÎNVĂȚĂMÂNT

2008-2014

DIPLOMA DE MEDIC

MEDICINA GENERALĂ

Titlul tezei de licență: SCORUL SYNTAX clinic în stratificarea riscului după intervenția coronariană percutanată primară.

UNIVERSITATEA DE MEDICINA ȘI FARMACIE DIN TIRGU MURES, STR. GHEORGHE MARINESCU NR.38, TIRGU MURES, JUDEȚ: MURES, COD POSTAL: 540139

31.12.2019 Obținerea Titlului de Medic specialist cardiolog prin OMS (Nr2024 din 31.12.2019)

2018-2019

Obținere Titlului de **Master** in Domeniul Cercetare Științifică Medico-Farmaceutică -Medicina-
Programul de studii: Cercetare Științifică Avansată Medico-Farmaceutică cu Frecvență (Titlul tezei de dizertație: **Factori de prognostic pentru apariția complicațiilor la pacienții cu sindrom coronarian acut tratați prin angioplastie**

2025

Obținerea titlului de DOCTOR ÎN ȘTIINȚE MEDICALE: Titlul tezei de doctorat: Nefropatia indusă de substanțe de contrast.

COMPETENTE PERSONALE

Limba(i) maternă(e) ROMANA

Alte limbi străine cunoscute
Autoevaluare

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
ENGLEZA	B2	B2	B2	B2	B2
GERMANA	B1	B1	B1	B1	B1

[Cadru european comun de referință pentru limbi străine](#)COMPETENTE ȘI APTITUDINI
DE UTILIZARE A
CALCULATORULUI

• UTILIZAREA APLICĂȚIILOR OFFICE: MICROSOFT PowerPoint, Excel, Word.

Permis de conducere CATEGORIA B

**Carti
Didactice**

Adriana Mitre, Lupu Silvia, Sus Ioana, Somkerekri Cristina, Ciprian Fisca. GHID PRACTIC DE SEMIOLOGIE CARDIOVASCULARA PENTRU ASISTENTELE MEDICALE – Targu Mures University Press, 2018 (ISBN 978-973-169-514-3).

Articole publicate
IN EXTENSO

Șerban RC, Șuș I, Lakatos EK, Demjen Z, Ceamburu A, Fișcă PC, Somkereki C, Hadadi L, Scridon A -CHRONIC KIDNEY DISEASE PREDICTS ATRIAL FIBRILLATION IN PATIENTS WITH ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION TREATED BY PRIMARY PERCUTANEOUS CORONARY INTERVENTION-Acta Cardiologica- Șerban RC, Șuș I, Lakatos EK, Demjen Z, Ceamburu A, Fișcă PC, Somkereki C, Hadadi L, Scridon A (<https://doi.org/10.1080/00015385.2018.1521558>).

Mathe Z, Șerban RC, Pintilie I, Somkereki C, Huțanu A, Scridon A- POSTOPERATIVE INTERLEUKIN-8 LEVELS ARE RELATED TO THE DURATION OF CORONARY ARTERY BYPASS GRAFTING SURGERY AND PREDICT IN-HOSPITAL POSTSURGICAL COMPLICATIONS-Revista Romana de Medicina de Laborator-Vol 26,Nr. 3:293-304;(DOI:10.2478/rrlm-2018-0021)

Ceamburu A, Serban R.C. ; Sus, I, Lakatos E.K, Demjen Z, Fisca P. C, Hadadi L, Somkereki C, Scridon A, GENDER EQUALITY APPLIES (PARTIALLY) TO ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION TOO - Romanian Journal of Cardiology . 2019, Vol. 29 Issue 2, p218-224.

Șerban RC, Balan AI, Perian M, Pintilie I, Somkereki C, Huțanu A, Scridon A. ATRIAL ELECTRICAL REMODELING INDUCED BY CHRONIC ISCHEMIA AND INFLAMMATION IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE- Chinese Journal of Physiology 2019 Jan-Feb;62(1):11-16. doi: 10.4103/CJP.CJP_2_19 2019

Hadadi Laszlo, Cristina Somkereki, Dan Dobreanu- RENAL DYSFUNCTION AT HOSPITAL ADMISSION, HIGH COMPLEXITY OF CORONARY ARTERY DISEASE AND SHORT TERM PROGNOSIS IN ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION- Revista Romana de Medicina de Laborator 2012; Vol: 20, Nr.4/4: 363-369

Hadadi Laszlo, Ioan Tilea, Cristina Somkereki, Ispas Mihaela, Dan Dobreanu- HIGH SYNTAX SCORE IS ASSOCIATED WITH POOR TISSUE-LEVEL REPERFUSION AFTER PRIMARY PERCUTANEOUS CORONARY INTERVENTION- Experimental & Clinical Cardiology 2014 ; Vol:20: Issue:1: 109-116

Hadadi Laszlo, Somkereki Cristina, Scripa Ernestina, Tilea Ioan, Dobreanu Dan- CORONARY ANATOMY AND REPERFUSION SUCCESS IN ACUTE MYOCARDIAL INFARCTION WITH ST SEGMENT ELEVATION- Acta Medica Marisiensis 2011- Vol 57: Nr.3: 198-201

Hadadi Laszlo, Somkereki Cristina, Baki Jako LB, Ispas Mihaela, Tilea Ioan, Dobreanu Dan- THE SYNTAX SCORE AND DISTAL EMBOLIZATION DURING PRIMARY PERCUTANEOUS CORONARY INTERVENTION-Acta Medica Marisiensis 2012: Vol:58, Nr.6:393-396

Scridon, Alina & Somkereki, Cristina & Nicoară, Tunde & Oprica, Mădălina & Demian, Liliana. (2022). Neutrophil gelatinase-associated lipocalin monitoring reveals persistent subclinical kidney injury following intraarterial administration of iodinated contrast agents. Scientific Reports. 12. 10.1038/s41598-022-24169-7.

Serban, R & Somkereki, C & Nicoara, T & Scridon, Alina. (2021). Persistent/progressive subclinical contrast-induced nephropathy – predictors and effects of parenteral hydration. A prospective study in patients undergoing coronary angioplasty. European Heart Journal. 42. 10.1093/eurheartj/ehab724.1229.

Balan, Alkora-Ioana & PINTILIE, Irina & SOMKEREKI, Cristina & PERIAN, Marcel & Chinezu, Laura & BANESCU, Claudia & SERBAN, Razvan & Scridon, Alina. (2021). Role of Preexisting Proarrhythmic Atrial Remodeling in Post-Coronary Artery Bypass Grafting Atrial Fibrillation. Romanian Journal of Cardiology. 31. 597-607. 10.47803/rjc.2021.31.3.597.

Serban, RC & Pintilie, I & Somkereki, C & Balan, Alkora-Ioana & Halatiu, Vasile & Chinezu, Laura & Banescu, C & Scridon, Alina. (2021). Proarrhythmic atrial structural and molecular remodeling with advancing age. Implications for post-coronary artery bypass grafting atrial fibrillation occurrence. EP Europace. 23. 10.1093/europace/euab116.128.

Scridon, Alina & Hadadi, László & Sus, Ioana & Lakatos, EK & Demjen, Z & Ceamburu, A & Fisca, PC & Somkereki, C & Serban, RC. (2021). Renin-angiotensin-aldosterone system blockers could contribute to the gender-related disparities in STEMI outcomes. European Heart Journal. Acute Cardiovascular Care. 10. 10.1093/ehjacc/zuab020.066.

Șerban, Răzvan & Sus, Ioana & Lakatos, Eva & Demjen, Zoltan & Ceamburu, Alexandru & Fișcă, Paul & Somkereki, Cristina & Hadadi, László & Scridon, Alina. (2019). Chronic kidney disease predicts atrial fibrillation in patients with ST-segment elevation myocardial infarction treated by primary percutaneous coronary intervention. Acta Cardiologica. 74. 1-8. 10.1080/00015385.2018.1521558.

Somkereki, Cristina & Nicoară, Tunde & Oprica, Mădălina & Demian, Liliana & Scridon, Alina. (2023). Predictors and consequences of subclinical renal impairment in patients with vascular disease. 10.21203/rs.3.rs-2648093/v2.

Scridon, Alina & Somkereki, Cristina & Nicoară, Tunde & Oprica, Mădălina & Demian, Liliana. (2022). Neutrophil gelatinase-associated lipocalin monitoring reveals persistent subclinical kidney injury following intraarterial administration of iodinated contrast agents. Scientific Reports. 12. 10.1038/s41598-022-24169-7.

Paul Adrian, Calburean & Grebenișan, Paul & Nistor, Ioana-Andreea & Pál, Krisztina & Vacariu, Victor & Drincal, Reka-Katalin & Țepes, Oana & Bârlea, Iulia & Sus, Ioana & Somkereki, Cristina & Șimon, Valentin & Demjén, Zoltán & Szabo, Istvan & Pinitilie,

Irina & Dolcoş, Anca & Oltean, Tiberiu & Măruşteri, Marius & Druica, Elena & Hadadi, László. (2022). Prediction of 3-year all-cause and cardiovascular cause mortality in a prospective percutaneous coronary intervention registry: Machine learning model outperforms conventional clinical risk scores. *Atherosclerosis*. 350. 10.1016/j.atherosclerosis.2022.03.028.

Serban, R & Somkereki, C & Nicoara, T & Scridon, Alina. (2021). Persistent/progressive subclinical contrast-induced nephropathy – predictors and effects of parenteral hydration. A prospective study in patients undergoing coronary angioplasty. *European Heart Journal*. 42. 10.1093/eurheartj/ehab724.1229.

Serban, RC & Pintilie, I & Somkereki, C & Balan, Alkora-Ioana & Halatiu, Vasile & Chinezu, Laura & Banescu, C & Scridon, Alina. (2021). Proarrhythmic atrial structural and molecular remodeling with advancing age. Implications for post-coronary artery bypass grafting atrial fibrillation occurrence. *EP Europace*. 23. 10.1093/europace/euab116.128.

Scridon, A., Somkereki, C., Nicoară, T.R. *et al.* Neutrophil gelatinase- associated lipocalin monitoring reveals persistent subclinical kidney injury following intraarterial administration of iodinated contrast agents. *Sci Rep* **12**, 19464 (2022). <https://doi.org/10.1038/s41598-022-24169-7>.

Cristina Somkereki, Renata Palfi, Alina Scridon. Prevention of contrast-associated acute kidney injury in an era of increasingly complex interventional procedures. *Frontiers in Medicine*, 2024. Volume 10 - 2023 | <https://doi.org/10.3389/fmed.2023.1180861>

Cristina Somkereki, Tunde Renata Nicoară, Mădălina Oprica, Liliana Demian, Alina Scridon. Agreement between different eGFR equations in diagnosing contrast-induced acute kidney injury in patients undergoing elective coronary or peripheral angiography. *Revista Romana de Medicina de Laborator*. 2024. <https://doi.org/10.2478/rrlm-2024-0026>

R C Serban, C Somkereki, T R Nicoara, A Scridon, Persistent/progressive subclinical contrast-induced nephropathy – predictors and effects of parenteral hydration. A prospective study in patients undergoing coronary angioplasty, *European Heart Journal*, Volume 42, Issue Supplement_1, October 2021, ehab724.1229, <https://doi.org/10.1093/eurheartj/ehab724.1229>

Cristina Somkereki^{1,2*}, Tunde Renata Nicoară^{2*}, Mădălina Oprica¹, Liliana Demian¹, Alina Scridon. Predictors and Consequences of Subclinical Renal Impairment in Patients with Vascular Disease. *Journal of Cardiovascular Emergencies* 2024. DOI: 10.2478/jce-2024-0016

**ABSTRACTE
PUBLICATE**

Somkereki Cristina, Hadadi L., Scripa Ernestina, Tilea I., Fagarasan E. CORONARY MORPHOLOGY AND SHORT TERM PROGNOSIS IN ACUTE MYOCARDIAL INFARCTION WITH ST SEGMENT ELEVATION. Acta Medica Marisiensis 2011; Vol:57, Supplement 1:32-33
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Somkereki Cristina, Hadadi L., Dobreanu D., Tilea I. SYNTAX SCORE AND GLOBAL ATHEROSCLEROTIC BURDEN IN ACUTE ST-SEGMENT ELEVATION MYOCARDIAL INFARCTION. Acta Medica Marisiensis 2013; Vol: 59, Supplement 1: 22-22
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Somkereki Cristina, Hadadi. L, Dobreanu D. CLINICAL SYNTAX SCORE FOR RISK STRATIFICATION AFTER ACUTE MYOCARDIAL INFARCTION. Acta Medica Marisiensis 2014; Vol:60, Supplement 3: 42-42
ISSN-L: 2068-3324
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C. Tanasuc, C. Somkereki, I. Ferent, Sz. Korodi, E. Rapolti, I. Benedek, T. Benedek–FACTORS ASSOCIATED WITH MORTALITY IN PATIENTS WITH ACUTE MYOCARDIAL INFARCTION COMPLICATED WITH CARDIOGENIC SHOCK ; Acta Medica Marisiensis 2015, Suppl. 4, Vol. 60:14
ISSN:2068 –3324

Hadadi Laszlo, Juhasz Tamas, Dascal Oana, Somkereki Cristina, Adorjan Istvan-RENALDISFCUNTION IS ASSOCIATED WITH HIGHER MYOCARDIAL PERFUSION PRESSURE IN HIPERTENSIVE PATIENTS. Journal of Hypertension Research 2017, Vol: 3; Supplement 1: 53-53; ISSN-L: 2537-2742;

B. Jako, K. Banga, E. Rapolti, Sz. Korodi, C. Somkereki, C. Tanasuc, I. Benedek, T. Benedek–THE RELATIONSHIP BETWEEN EPICARDIAL FAT VOLUME AND CORONARY ARTERY CALCIFICATION AS ASSESSED BY MULTISLICE COMPUTED TOMOGRAPHY –Acta Medica Marisiensis 2015, Suppl. 4, Vol. 61:12-12
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Șerban RC, Pintilie Irina, Somkereki Cristina, Perian M, Chinezu Laura, Bănescu Claudia, Scridon Alina: DIABETES MELLITUS-RELATED ATRIAL PROARRHYTHMIC REMODELING IN PATIENTS WITH STABLE CORONARY ARTERY DISEASE.. Days of Univerisity of Medicine and Pharmacy, Science and Technology of Targu Mures, December 10th-14th, 2018. Targu Mures

Lucrari stiintifice
Prezentate la
Manifestari
Stiintifice
Internationale:

Șerban RC, Pintilie I, Somkereki C, Perian M, Chinezu L, Bănescu C, Scridon A. ATRIAL FIBRILLATION FOLLOWING CORONARY ARTERY BYPASS GRAFTING-THE ROLE OF A PREEXISTING PRO-ARRHYTHMIC ATRIAL REMODELING.. EHRA 2019, Lisabona, Portugalia, 17-19 martie 2019. Europace 2019. ISSN 1099-5129.

Balan AI, Pintilie I, Somkereki C, Perian M, Șerban RC, Scridon A. *The effect of obesity on proarrhythmic atrial remodeling in patients with stable coronary artery disease undergoing elective coronary artery bypass grafting.* International Congress for Students, Young Doctors and Pharmacists MARISIENSIS, 27-31 martie 2019, Târgu Mureș, România. Acta Medica Marisiensis 2019; 65(Suppl. 1): 6. ISSN 2068-3324

Nicoară TR, Somkereki C, Șuș I, Lakatos EK, Demjén Z, Fișcă PC, Hadadi L, Șerban R, Scridon A. *Is the CHA₂DS₂-VASc score useful for predicting complications in patients with ST-segment elevation myocardial infarction?* The 58th National Congress of Cardiology, Sinaia, România, 18-21 septembrie 2019. Romanian Journal of Cardiology 2019; Suppl. Format electronic. ISSN 2392-6910

Prezentari
Invitate

Somkereki C. *Accidente trombotice si hemoragice la un pacient cu NSTEMI.* Prezentare în cadrul cursului organizat de Societatea Romana de Cardiologie: Cardiopatia Ischemică la Pacienți cu Comorbidități

Somkereki C. *Probleme de diagnostic si tratament la pacientii cu sindrom coronarian cronic.* Prezentare in cadrul Cursului organizat de catre Societatea

Roamana de Cardiologie: Grupul de lucru de Cardiopatie Ischemica.

Somkereki C. Prezentare de caz-Curs de evaluare preoperatorie a pacientilor cu necesar de interventie chirurgicala non-cardiaca. Prezentata in cadrul Cursului organizat de Societatea Roamana de Cardiologie: Grupul de Lucru de Cardiopatie Ischemica.

Somkereki C. Prezentare de caz -Conferinta de Primavara a SRC- 2022-Grupul de Lucru Cardiologie Experimentală.

Somkereki C. Prezentare de caz-Cardiomiopatia Takotsubo- Congresul National al SRC-2022.

Somkereki C. Prezentare caz- Complicatii trombotice si hemoragice- Drumul spre medicina personalizată- Curs Organizat de SRC-iunie 2024

Membru în comisii
de ocupare
posturi didactice sau
examen specialitate,
primariat

Secretar de comisie -examen pentru obtinerea gradului de medic primar
sesiunea iunie-iulie 2022

Secretar de comisie-examen pentru obtinerea gradului de medic specialist sesiunea
octombrie 2022

Secretar de comisie-examen pentru obtinerea gradului de medic specialist-2024

Secretar de comisie-examen pentru obtinerea gradului de medic specialist
sesiunea aprilie 2025