

INFORMAȚII PERSONALE

SERBOIU SORINA CRENGUTA



LOCUL DE MUNCA PENTRU
CARE SE CANDIDEAZĂ
POZIȚIA
LOCUL DE MUNCĂ DORIT
STUDIILE PENTRU CARE SE
CANDIDEAZĂ
PROFILUL PERSONAL

Sef de Lucrari, pozitia 13, Disciplina : Biologie Celulara, Moleculara si Histologie in cadrul Departamentului 2-Preclinic, Stiinte morfologice, UMF Carol Davila, Bucuresti

EXPERIENȚA PROFESIONALĂ

Perioada	1996- 2025
Funcția sau postul ocupat	Cadru didactic prin concurs 1996- 1999 preparator universitar, pozitia 26, din 26 septembrie 1996 1999- 2023 asistent universitar, pozitia 22. Din 01 octombrie 1996 2023- prezent, sef de lucrari, pozitia 13. Din 01 octombrie 2023
Activități și responsabilități principale	Activitate didactica, (predare și examinare), Activitate de cercetare Disciplina de Biologie Celulara, Molecuara și Histologie
Numele și adresa angajatorului	U.M.F. „Carol Davila” Bucuresti, str. Dionisie Lupu 37, Bucuresti
Tipul activității sau sectorul de activitate	Invatamant in domeniul medical Cercetare fundamentala
Numele și tipul instituției de învățământ/ furnizorul de formare	UMF Carol Davila, institutie de invatamant superior
Perioada	2008-2023
Funcția sau postul ocupat	Medic primar Radiologie Imagistica Medicala
Activități și responsabilități principale	Activitate in domeniul medical (consultatii pacienti și îndrumare rezidenti)
Numele și adresa angajatorului	Spitalul Universitar de Urgenta Bucuresti, str. Splaiul Independentei 169, Bucuresti

EDUCAȚIE ȘI FORMARE

<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1986-1989</p> <p>Liceul Dinicu Golescu, Campulung Muscel, profilul matematica fizica</p> <p>Diploma de Bacalaureat, media generala a anilor de studii 9,40</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1989- 1995</p> <p>UMF Carol Davila, Bucuresti, Facultatea de Medicina Generala</p> <p>Diploma de Licenta, cu media 9,68</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1997- 2004</p> <p>UMF Carol Davila, Bucuresti, Facultatea de Medicina Generala</p> <p>Doctor in Medicina confirmat in 25/04/2005</p> <p>Doctorand UMF Carol Davila, Bucuresti, Disciplina Biologie Celulara, Moleculara si Histologie, profilul Histologie, Titlul lucrarii: „Apoptoza in ficat”, conducator stiintific Acad, Prof, Dr, LMPopescu. Sustinerea tezei decembrie 2005</p>
<p>Perioada</p>	<p>2010-2013</p> <p>Cercetator post doctoral în cadrul proiectului POSDRU/89/1.5/S/64109 -. „Sprijinirea cercetarii prin formarea de specialisti in cadrul programului de studii postdoctorale”cu tema: „Regenerarea muschiului scheletic : celule satelite- celule stem- telocite ? ”</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1998- 2003</p> <p>Spitalul Clinic Universitar de Urgenta Bucuresti,</p> <p>Medic rezident in specialitatea Radiologie Imagistica Medicala</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2003- 2008</p> <p>Spitalul Clinic Universitar de Urgenta Bucuresti,</p> <p>Medic specialist in specialitatea Radiologie Imagistica Medicala</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2008- 2025</p> <p>Spitalul Clinic Universitar de Urgenta Bucuresti,</p> <p>Medic Primar in specialitatea Radiologie Imagistica Medicala</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1996 (6 zile)</p> <p>UMF Carol Davila, Bucuresti</p> <p>curs CEFOR, disciplina Biologie Celulara, « Centre de formation des enseignants dans le domaine des sciences de la vie, espace europeen de la diffusion des connaissances et de reflexions prospectives », organizat de Fundatia europeana pentru formare (TEMPUS- Phare), Bucuresti</p> <p>© Uniunea Europeana, 2002-2018 europass.cedefop.europa.eu</p>

<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>1999 (3 luni)</p> <p>curs de Echografie Generala, Spitalul Clinic Fundeni, Bucuresti</p> <p>Competenta in Ecografie generala -in 04. 2000</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p>	<p>2000 (15-21 martie)</p> <p>curs de Actualitati in medicina Nucleara, Spitalul Militar Central; Bucuresti ;</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p>	<p>2001 (1-28 februarie), (15 martie- 14- aprilie), (5-17 noiembrie)</p> <p>Curs de Mamografie, Spitalul Clinic Coltea, Bucuresti ;</p> <p>Curs international de imagistica sanului », Institutul Clinic Fundeni, in colaborare cu Prof. Dr. Yves Grumbach de la CHU Amiens, Franta ;</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2003 – 1-29 martie,</p> <p>curs de « Imagistica interventionala a sanului », Spitalul Clinic Fundeni, Bucuresti</p> <p>Atestat de studii complementare in Senologie Imagistica , noiembrie 2009</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2005, 2010, 2015, 2020, 2025</p> <p>program de educatie medicala continua : « Protectia radiologica in diagnosticul radiologic si radiologia interventionala », Bucuresti</p> <p>Permis de exercitare a activitatii nucleare autorizate.</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2008 (3 luni 17. 03- 16.06)</p> <p>curs de Tomografie computerizata, UMF Craiova</p> <p>Atestat de studii complementare in Tomografie computerizata in urma examenului de competenta din iulie 2008</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2009 (3 luni)</p> <p>Curs de IRM, UMF Craiova</p> <p>Atestat de studii complementare in IRM in urma examenului de competenta din iulie 2009</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p>	<p>2010 (5 zile, 12-17 aprilie)</p> <p>curs de « Ecocardiografie fetala », Cluj- Napoca</p>
<p>Perioada</p> <p>Numele institutiei de invatamant</p> <p>Calificarea/ diploma obtinuta</p>	<p>2011 (3 luni, aprilie- iulie)</p> <p>curs de « Citogenetica moleculara » organizat de Institutul National « Victor Babes » Bucuresti in cadrul proiectului « Sistem de formare profesionala a personalului medical in domeniul noilor tehnologii din sistemul de sanatate (diagnostic molecular) »</p>

COMPETENTE PERSONALE

Limba(i) maternă(e) **Romana**

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
franceza	B2	B2	B1	B1	B1
engleza	B2	B2	B1	B1	B1

Niveluri: A1/A2: Utilizator elementar - B1/B2: Utilizator independent - C1/C2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Competențe și aptitudini organizatorice

Manager la SC DARIUSMED SRL, clinica de ecografie
 Lucrul in echipa in cadrul colectivului de invatamant si cercetare
 Buna capacitate de comunicare obtinuta ca urmare a experientei de cadru didactic (la lucrarile practice si cursuri)
 Relatii buna cu colegii, studentii si medicii rezidenti.
 Coordonarea grupelor de rezidenti in cadrul programelor de rezidentiat.

Competente si aptitudini tehnice

Experienta in domeniul microscopiei optice, electronice, expermente la baia de organ,.

Competente si aptitudini de utilizare a calculatorului

Utilizarea de programe uzuale, Microsoft Office, Word, Excel, PowerPoint.

Permis de conducere Categoria B

INFORMATII SUPLIMENTARE

Membru in proiecte de cercetare dezvoltare

- 2000 – « Tiparea celulelor din ficatul uman fetal », beneficiar : Academia de Stiinte Medicale
 2001 – “ Caracterizarea celulelor imunitare din ficatul uman normal”, beneficiar: Academia de Stiinte Medicale
 2006- “Modularea expresiei unor marker biologici ai progresiei umorale si corelarea cu rezistenta la chimioterapie in cancerele mamare si ovariene”, beneficiar : Academia de Stiinte Medicale
 2008- “Markerii moleculari – baza comuna de screening in tumori epiteliale maligne” Competitia PN II, Nr. proiect: 42-158
 2010- 2013- “Sprijinirea cercetarii prin formarea de specialisti in cadrul programului de studii postdoctorale” POSTDRU/89/1,5/S/64109 – Regenerarea muschiului striat scheletic: celule stem- celule satellite- telocite.-
 2017-2021- PN-III- P1-1.2-PCCDI-2017-0833, contract nr. 68, „Diagnostic, tratament si factori predictivi in cancerul de san” Bucuresti, Romania

Publicații
Carti

- 2025- capitolul 21 din cartea: BIOLOGIE- TESTE DE BIOLOGIE PENTRU ADMITEREA IN INVATAMANTUL UNIVERSITAR MEDICAL 2025, Editura Universitara “Carol Davila” Bucuresti, 2025**
2025- coautor: „PATOLOGIE DIGESTIVA SUPERIOARA-EDITIE REVIZUITA SI ADAUGITA- PATOLOGIA ESOFAGULUI- Ghid clinic- therapeutic”, Dr. Cornelius Dragomir, **Dr. Crenguta Sorina Serboiu**, Dr. Med. Alin Gabriel Dragomir, Editura Universitara “ Carol Davila Bucuresti”, Bucuresti, 2025, ISBN 978-606-011-316-4
2023- capitolul 23 din cartea: BIOLOGIE- TESTE DE BIOLOGIE PENTRU ADMITEREA IN INVATAMANTUL UNIVERSITAR MEDICAL 2023, Editura Universitara “Carol Davila” Bucuresti, 2023
2023- coautor: “ PATOLOGIE DIGESTIVA SUPERIOARA- Ghid clinic- therapeutic”, Dr. Cornelius Dragomir, **Dr. Crenguta Sorina Serboiu**, Dr. Med. Alin Gabriel Dragomir, Editura Universitara “ Carol Davila Bucuresti”, Bucuresti, 2023, ISBN 978-606-011-236-5
2019- capitolul 7 : „ Rolul ecografiei in evaluarea formatiunilor ovariene depistate in timpul sarcinii” - din cartea: „NEOPLASMUL OVARIAN IN SARCINA”, Editura Academiei Romane, Bucuresti, 2019
2002 – colaborator la « Dictionarul de Imunologie Medicala », Editura Universitara « Carol Davila », Bucuresti

Publicatii articole ISI

- 2011- NK-receptors, Substance P, Ano1 expression and ultrastructural features of the muscle coat in Cav-1(-/-) mouse ileum. Cipriani G, **Serboiu Crenguta S**, Gherghiceanu M, Faussone-Pellegrini MS, Vannucchi MG. J Cell Mol Med. 2011 May 2. doi: 10.1111/j.1582-4934.2011.01333.x
 2011- Identification of telocytes in skeletal muscle interstitium: implication for muscle regeneration. Popescu LM, Manole E, **Serboiu CS**, Manole CG, Suci LC, Gherghiceanu M, Popescu BO. J Cell Mol Med. 2011 Jun;15(6):1379-92. doi: 10.1111/j.1582-4934.2011.01330.x
***2023- STONE FREE-RATE EXPERIENCE IN POST-INTERVENTIONAL PATIENTS UNDERGOING CITRATES AND PYRIDOXINE ADMINISTRATION**, MIHAI ANDREI ENE 1#, VIOREL JINGA 2,3, PETRIȘOR AURELIAN GEAVLETE 1,2, COSMIN VICTOR ENE 1,2, CĂTĂLIN ANDREI BULAI 1,2, **CRENGUTA SORINA SERBOIU 2#**, BOGDAN FLORIN GEAVLETE #*Authors with equal contribution*. FARMACIA, 2023, Vol. 71, 3 <https://doi.org/10.31925/farmac.2023.3.16>
 2023- Transabdominal Preperitoneal Versus Lichtenstein Procedure for Inguinal Hernia Repair in Adults: A Comparative Evaluation of the Early Postoperative Pain and Outcomes, Victor Dumitrescu , Dragos Serban , Daniel Ovidiu Costea , Dan Dumitrescu , Florin Bobirca , Bogdan Geavlete , Dan Georgian Bratu , Laura Tribus , **Crenguta Serboiu** , Catalin Alius , Corneliu Tudor , Ana Maria Dascalu , Mihail Silviu Tudosie , Bogdan Serban , Doru Florian Moga, Cureus, Open Access Original Article DOI: 10.7759/cureus.41886 Published 07/14/2023

***2023- Gallbladder Pancreatic Heterotopia – the importance of diagnostic imaging in managing intraoperative findings,**

Crenguța Sorina Șerboiu, Cătălin Aliuș, Adrian Dumitru, Dana Țăpoi, Mariana Costache, Adriana Elena Nica, Mihailescu Alexandra-Ana, Iulian Antoniac and Sebastian Grădinaru, *Medicina* 2023, 59, 1407.

<https://doi.org/10.3390/medicina59081407>

2023-The Value of White Cell Inflammatory Biomarkers as Potential Predictors for Diabetic Retinopathy in Type 2 Diabetes Mellitus (T2DM)**, Ana Maria Dascalu, Dragos Serban, Denisa Tanasescu, Geta Vancea, Bogdan Mihai Cristea, Daniela Stana, Vanessa Andrada Nicolae, **Crenguta Serboiu, Laura Carina Tribus , Corneliu Tudor, Adriana Georgescu, Mihail Silviu Tudosie , Daniel Ovidiu Costea and Dan Georgian Bratu,

Biomedicines 2023, 11(8),2106; <https://doi.org/10.3390/biomedicines11082106> *

Correspondence: dragos.serban@umfcd.ro (D.S.);

crenguta.serboiu@umfcd.ro (C.S.)

2023- When Critical View of Safety Fails: A Practical Perspective on Difficult

Laparoscopic Cholecystectomy, Catalin Alius, Dragos Serban, Dan Georgian Bratu, Laura Carina Tribus, Geta Vancea, Paul Lorin Stoica, Ion Motofei, Corneliu Tudor, **Crenguta Serboiu**, Daniel Ovidiu Costea, Bogdan Serban , Ana Maria Dascalu, Ciprian Tanasescu, Bogdan Geavlete and Bogdan Mihai Cristea, *Medicina* 2023 , 59 (8), 1491; <https://doi.org/10.3390/medicina59081491> (înregistrarea DOI)

***2023- Recent Advances and Adaptive Strategies in Image Guidance**

for Cervical Cancer Radiotherapy, Beatrice Anghel , **Crenguta Serboiu** *, Andreea Marinescu*, Iulian-Alexandru Taciuc, Florin Bobirca and Anca Daniela Stanescu, * Correspondence: crengutas@yahoo.com (C.S.), *Medicina* 2023, 59, 1735. <https://doi.org/10.3390/medicina59101735>

***2023- When Not to Operate on Acute Cases—A Surgeon’s Perspective on Rapid Assessment of Emergency Abdominopelvic Computed Tomography,**

Catalin Alius, Dragos Serban,* , Laura Carina Tribus*, Daniel Ovidiu Costea,†, Bogdan Mihai Cristea,†, **Crenguta Serboiu** ,†, Ion Motofei, Ana Maria Dascalu, Bruno Velescu, Corneliu Tudor, Bogdan Socea, Anca Bobirca, Geta Vancea, Denisa Tanasescu and Dan Georgian Bratu, † These authors contributed equally to this work. *J. Imaging* 2023, 9, 200.

<https://doi.org/10.3390/jimaging9100200>

2023- Clinical and Paraclinical Characteristics of Endobronchic Pulmonary

Squamous Carcinoma- Brief Review, Radu Serban Matache , Camelia Stanciu-Gavan, Daniel Pantile, Adrian Mihail Iordache , Andreea Octavia Bejgăneanu , **Crenguța Sorina Șerboiu** and Alexandra Floriana Nemes, *Diagnostics* 2023, 13, 3318.

<https://doi.org/10.3390/diagnostics13213318>, Publicat: 26 Octombrie2023

***2023 The role of inflammation in age-related macular degeneration**, Diana Florina Tricorache, Ana Maria Dascalu, **Crenguta Serboiu** #, Anca Bobirca, Dragos Cretoiu, Dan Bratu, Corneliu Tudor, and Laura Carina Tribus, # *All authors contributed equally to this work and thus share first authorship*, *Journal of Mind and Medical Sciences*: Vol. 10:

Iss. 2, Article 9. Available at: <https://scholar.valpo.edu/jmms/vol10/iss2/9>, DOI: <https://doi.org/10.22543/2392-7674.1421> Publicat: 25 Octombrie2023

2023 - “Is open surgery still part of the current treatment of inguinal hernias?”**, Dan Bratu, Alin Mihetiu, Alexandra Sandu, **Crenguta Serboiu, Corneliu Tudor, Laurentiu Simion, Dragos Cretoiu, Florin Bobirca, Dragos Davitoiu, Bogdan Serban, and Claudiu Eduard Nistor, *Corresponding author: serboiucrenguta@gmail.com (*Crenguta Serboiu*,) ***Journal of Mind and Medical Sciences***: Vol. 10: Iss. 2, Article 19. Available at: <https://scholar.valpo.edu/jmms/vol10/iss2/19>, DOI: <https://doi.org/10.22543/2392-7674.1413> Publicat: 25 Octombrie2023

2023- "Endoscopic approach to recurrent inguinal hernia after previous open surgery", Moga, Doru; Serban, Dragos; Geavlete, Bogdan; **Serboiu, Crenguta**; Serban, Bogdan; Dascalu, Ana Maria; and Oprea, Valentin, ***Journal of Mind and Medical Sciences***: Vol. 10: Iss. 2, Article 12. Available at: <https://scholar.valpo.edu/jmms/vol10/iss2/12> DOI: <https://doi.org/10.22543/2392-7674.1402> Publicat: 25 Octombrie2023

***2023- Biologics for Chronic Rhinosinusitis—A Modern Option for Therapy**, Romica Cergan, Ovidiu Nicolae Berghi, Mihai Dumitru, Daniela Vrinceanu, Felicia Manole and **Crenguta Sorina Serboiu**, *Life* 2023, 13, 2165. <https://doi.org/10.3390/life13112165>, Publicat: 05 Noiembrie2023

2023- The Significance of Preoperative Neutrophil-to-Lymphocyte Ratio (NLR), Platelet-to-Lymphocyte Ratio (PLR), and Systemic Inflammatory Index (SII) in Predicting Severity and Adverse Outcomes in Acute Calculous Cholecystitis, Dragos Serban, Paul Lorin Stoica, Ana Maria Dascalu , Dan Georgian Bratu, Bogdan Mihai Cristea, Catalin Alius, Ion Motofei, Corneliu Tudor, Laura Carina Tribus, **Crenguta Serboiu**, Mihail Silviu Tudosie, Denisa Tanasescu, Geta Vancea and Daniel Ovidiu Costea, *J. Clin. Med.* 2023, 12, 6946. <https://doi.org/10.3390/jcm12216946>, Publicat: 06 Noiembrie 2023

2023- Association Between Neutrophil-to-Lymphocyte Ratio (NLR) and Platelet-to-Lymphocyte Ratio (PLR) With Diabetic Retinopathy in Type 2 Diabetic Patients, Ana Maria Dascalu , Adriana Georgescu , Andreea Cristina Costea , Laura Tribus , Alae El Youssoufi, Dragos Serban, Andreea Letitia Arsene , Daniela Stana , Cristina Alexandrescu, Bogdan Mihai Cristea, Denisa Tanasescu, Anca Bobirca , **Crenguta Serboiu** , Catalin Alius , Dan Georgian Bratu, *Cureus* 15(11): e48581. doi:10.7759/cureus.48581, Publicat: 09 Noiembrie2023

2023- COMBINED ANTI-ANG2/TIE AND ANTI-VEGF INTRAVITREAL THERAPY IN AGE-RELATED MACULAR DEGENERATION – A SYSTEMATIC REVIEW ANA MARIA DASCALU, ALINA POPA CHERECHEANU, DRAGOS SERBAN, CRISTINA ALEXANDRESCU, DANIELA STANA, ANDREEA CRISTINA COSTEA, LAURA CARINA TRIBUS, DENISA TANASESCU, CATALIN GABRIEL SMARANDACHE, BOGDAN MIHAI CRISTEA, CATALIN ALIUS, **CRENGUTA SERBOIU**, MEDA COMANDASU, CORNELIU TUDOR, LAVINIA-ALEXANDRA MOROIANU, DAN GEORGIAN BRATU, *FARMACIA*, 2023, Vol. 71, 6 <https://doi.org/10.31925/farmacia.2023.6.2> Publicat: 30 Decembrie 2023

2023- Current Approach to Complications and Difficulties during Transrectal Ultrasound-Guided Prostate Biopsies**, Salloum Osama†, **Crenguta Serboiu, Iulian-Alexandru Taciuc†, Emil Angelescu, Costin Petcu,

Tiberiu Alexandru Priporeanu, Andreea Marinescu* and Adrian Costache,
 *Correspondence: crengutas@yahoo.com (C.S.);
 andreea_marinescu2003@yahoo.com (A.M.), J. Clin. Med. **2024**, 13, 487.
<https://doi.org/10.3390/jcm13020487>, , Publicat: 16 Ianuarie 2024

2024- Clinical Manifestations in Vacuoles, E1 Enzyme, X-Linked, Autoinflammatory, Somatic (VEXAS) Syndrome: A Narrative Review Vlad Padureanu , Cristian Marius Marinaș , Anca Bobirca , Rodica Padureanu , Stefan Patrascu , Ana Maria Dascalu , Florin Bobirca , Laura Tribus , Cristina Alexandru, **Crenguta Serboiu** , Catalin Dumitrascu , Anca Musetescu, *Cureus* 16(1): e53041. DOI 10.7759/cureus.53041, Publicat: 27 ianuarie 2024

2024- Predictive Factors for Difficult Laparoscopic Cholecystectomies in Acute Cholecystitis Paul Lorin Stoica†, Dragos Serban*, Dan Georgian Bratu† , **Crenguta Sorina Serboiu** , Daniel Ovidiu Costea*, Laura Carina Tribus, Catalin Alius, Dan Dumitrescu, Ana Maria Dascalu, Corneliu Tudor, Laurentiu Simion, Mihail Silviu Tudosie, Meda Comandasu, Alexandru Cosmin Popa and Bogdan Mihai Cristea, *Diagnostics* 2024, 14, 346.
<https://doi.org/10.3390/diagnostics14030346>,
<https://www.mdpi.com/journal/diagnostics>, Publicat: 05 Februarie 2024

2024- Use of Lung Ultrasound in Reducing Radiation Exposure in Neonates with Respiratory Distress: A Quality Management Project Alexandra Floriana Nemes, Adrian Ioan Toma*, Vlad Dima*, **Sorina Crenguta Serboiu**, Andreea Ioana Necula, Roxana Stoiciu , Alexandru Ioan Ulmeanu, Andreea Marinescu and Coriolan Ulmeanu, *Medicina* **2024**, 60, 308. <https://doi.org/10.3390/medicina60020308>
 Publicat: 11 Februarie 2024

2024- PHARMACOLOGICAL CONTAMINANTS IN AQUATIC ECOSYSTEMS CECILIA CURIS, RAMONA OANA ROSCA, LAVINIA- ALEXANDRA MOROIANU, ALINA PLEȘEA , LAURA- CARINA TRIBUS, **CRENGUTA SERBOIU**, ROXANA-ADRIANA STOICA, BEATRICE MAHLER *FARMACIA*, 2024, Vol. 72, 1 44
<https://doi.org/10.31925/farmacia.2024.1.4>, Publicat: 27 Februarie 2024

***2024- Factors Affecting the Efficiency of Near-Infrared Indocyanine Green(NIR/ICG) in Lymphatic Mapping for Colorectal Cancer: A Systematic Review** Irina Shevchenko , Dragos Serban , Ana Maria Dascalu , Laura Tribus , Catalin Alius , Bogdan Mihai Cristea , Andra Iulia Suceveanu , Daniel Voiculescu , Dan Dumitrescu, Florin Bobirca , Adrian Paul Suceveanu , Dragos Eugen Georgescu, **Crenguta Sorina Serboiu** *Cureus* 16(2): e55290. DOI 10.7759/cureus.55290, Publicat: 29 Februarie 2024

2024-THE RELATIONSHIP BETWEEN STATIN THERAPY AND AGE RELATED MACULAR DEGENERATION – A SYSTEMATIC REVIEW ANA MARIA DASCALU, CRISTINA ALEXANDRESCU, GETA VANCEA, DANIELA STANA, DANIEL OVIDIU COSTEA, ANCA ZGURA, DRAGOS SERBAN, DAN DUMITRESCU, MIHAIL SILVIU TUDOSIE, **CRENGUTA SORINA SERBOIU**, LAURA CARINA TRIBUS, CORNELIU TUDOR, DAN GEORGIAN BRATU, CATALIN ALIUS, IRINA SHEVCHENKO, BOGDAN MIHAI CRISTEA, *FARMACIA*, 2024, Vol. 72, 2,
<https://doi.org/10.31925/farmacia.2024.2.6> Publicat: 29 Aprilie 2024

2024- Applications and challenges of neural networks in otolaryngology (Review) IULIAN-ALEXANDRU TACIUC, MIHAI DUMITRU, DANIELA

VRINCEANU, MIRELA GHERGHE, FELICIA MANOLE, ANDREEA MARINESCU, **CRENGUTA SERBOIU**, ADRIANA NEAGOS and ADRIAN COSTACHE, BIOMEDICAL REPORTS 00: BR-14881-306107, 0000, DOI: 10.3892/br_xxxxxxx, Publicat: 18 Aprilie 2024

2024- The role of inflammation in diabetic retinopathy in patients with type II diabetes; potential therapeutic perspectives Authors: Adriana Georgescu, Ana Dascalu, Daniela Stana, Cristina Alexandrescu, Anca Bobirca, Bogdan Mihai Cristea, Geta Vancea, **Crenguta Sorina Serboiu**, Dragos Serban, Corneliu Tudor, Andreea Letitia Arsene, and Laura Carina Tribus, Journal of Mind and Medical Sciences <https://scholar.valpo.edu/jmms/> <https://proscholar.org/jmms/> I S SN: 2 3 9 2 -7674 <https://scholar.valpo.edu/jmms>, scholar@valpo.edu. Publicat: 30 Aprilie 2024

2024- Parotid Gland Tumors: Molecular Diagnostic Approaches

Daniela Vrinceanu, Mihai Dumitru*, Miruna Bratiloveanu, Andreea Marinescu, **Crenguta Serboiu**, Felicia Manole, Dragos Octavian Palade, Adrian Costache, Mariana Costache and Oana Patrascu, Int. J. Mol. Sci. **2024**, 25, 7350. <https://doi.org/10.3390/ijms25137350> Publicat: 04 Iulie 2024

2024- Local Allergic Rhinitis—A Challenge for Allergology and

Otorhinolaryngology Cooperation (Scoping Review) Ovidiu Berghi, Mihai Dumitru, Romica Cergan, Gabriela Musat, **Crenguta Serboiu** and Daniela Vrinceanu, Life **2024**, 14, 965. <https://doi.org/10.3390/life14080965> Publicat: 31 Iulie 2024

2024- Molecular Profile as an Outcome Predictor in Glioblastoma along with MRI Features and Surgical Resection: A Scoping Review

Serban Iancu Papacocea, Daniela Vrinceanu,* , Mihai Dumitru, Felicia Manole, **Crenguta Serbou** and Marius Toma Papacocea Int. J. Mol. Sci. **2024**, 25, 9714. <https://doi.org/10.3390/ijms25179714> <https://www.mdpi.com/journal/ijms> Publicat: 08 Septembrie 2024

2024- Management of Giant Thyroid Tumors in Patients with Multiple Comorbidities in a Tertiary Head and Neck Surgery Center

Daniela Vrinceanu, Mihai Dumitru* , Andreea Marinescu , **Crenguta Serboiu**, Gabriela Musat, Mihai Radulescu, Matei Popa-Cherecheanu, Catalina Ciornei and Felicia Manole Biomedicines **2024**, 12, 2204 <https://doi.org/10.3390/biomedicines12102204> <https://www.mdpi.com/journal/biomedicines> Publicat: 27 Septembrie 2024

2024- Placental lesions in birth asphyxia and hypoxic ischemic syndrome

ANDREEA CALOMFIRESCU-AVRAMESCU1, LUMINIȚA CEAUȘELU, MIHAELA DEMETRIAN, VLAD DIMA, ANCA BĂLĂNESCU, PAUL BĂLĂNESCU, ANDRADA MIREA, ADRIAN-IOAN TOMA, **SORINA CRENGUȚA ȘERBOIU**, OANA MARIA PĂTRAȘCU, ISAM AL JASHI and IOAN GHERGHINA , SPANDIDOS PUBLICATION, MEDICINE INTERNATIONAL 5: 6, 2025, DOI: 10.3892/mi.2024.205 Publicat: 18 Noiembrie 2024

2024- Challenges in the Management of Giant Carcinoma Ex-Pleiomorphic Adenoma of the Parotid Gland in a Single

Tertiary Center Miruna Bratiloveanu, Mihai Dumitru*, Andreea Nicoleta Marinescu, **Crenguta Serboiu**, Oana Maria Patrascu, Adrian Costache and Daniela Vrinceanu, *Medicina* 2025, 61, 37. <https://doi.org/10.3390/medicina61010037>
Publicat: 29 Decembrie 2024

2024 Research for the Realization and Testing of an Adaptive, Programmable Dosing System for Hydro Electrolytic Balancing (SDAEH) Irina Bristena BACIS, **Crenguta SERBOIU**, Alexandru VASILE, Daniela IOANA, 2024 IEEE 30th International Symposium for Design and Technology in Electronic Packaging (SIITME) IEEE. (DOI [10.1109/SIITME63973.2024.10814728](https://doi.org/10.1109/SIITME63973.2024.10814728))
Publicat: Decembrie 2024

***2025 Interleukin 8 Molecular Interplay in Allergic Rhinitis and**

Chronic Rhinosinusitis with Nasal Polyps: A Scoping Review Romica Cergan, Ovidiu Berghi , Mihai Dumitru*, Daniela Vrinceanu , Felicia Manole*, Gabriela Cornelia Musat, Alina Lavinia Antoaneta Oancea and **Crenguta Serboiu** *Life* 2025, 15, 469. <https://doi.org/10.3390/life15030469>
Publicat: 15 martie 2025

2025 Clinical Significance of Blood Cell-Derived Inflammation Markers in Assessing Potential Early and Late Postoperative Complications in Patients with Colorectal Cancer: A Systematic Review.

Irina Shevchenko, Dragos Serban,* Laurentiu Simion, Ion Motofei, Bogdan Mihai Cristea, Dan Dumitrescu, Corneliu Tudor, Ana Maria Dascalu,* **Crenguta Serboiu**, Laura Carina Tribus, Andrei Marin, Adrian Marius Silaghi and Daniel Ovidiu Costea , *J. Clin. Med.* **2025**, 14, 2529. <https://doi.org/10.3390/jcm14072529> Publicat: 7 aprilie 2025

2025 A Review of Postoperative Complications in Colon Cancer

Surgery: The Need for Patient-Centered Therapy, Adrian Silaghi, Dragos Serban*, Corneliu Tudor, Bogdan Mihai Cristea, Laura Carina Tribus, Irina Shevchenko Alexandru Florin Motofei, **Crenguta Sorina Serboiu** and Vlad Denis Constantin, *J. Mind Med. Sci.* **2025**, 12, 21. <https://doi.org/10.3390/jmms12010021> Attribution (CC BY) license (<https://creativecommons.org/licenses/by/4.0/>). *J. Mind Med. Sci.* **2025**, 12, 21 <https://doi.org/10.3390/jmms12010021> Publicat: 16 aprilie 2025

***2025 THE USE OF NUTRITION SUPPLEMENTS IN COMBAT SPORT: A SYSTEMATIC REVIEW** CĂTĂLIN PĂUNESCU #*, **CRENGUȚA SORINA SERBOIU #**, ADRIAN PRICOP #, MARIA LILIANA MIRCICĂ, ADELA CARAMOCI, #*Authors with equal contribution.* *FARMACIA*, **2025**, Vol. 73, 2, <http://doi.org/10.31925/farmacia.2025.2.4> *Manuscript received:* December 2024

2025 Article: Enhancing Malignant Lymph Node Detection in Ultrasound Imaging: A Comparison Between the Artificial Intelligence Accuracy, Dice Similarity Coefficient and Intersection over Union

Iulian-Alexandru Taciuc, Mihai Dumitru*, Andreea Marinescu, **Crenguta Serboiu**, Gabriela Musat, Mirela Gherghe, Adrian Costache and Daniela Vrinceanu, *J. Mind Med. Sci.* **2025**, 12, 29. <https://doi.org/10.3390/jmms12010029> Publicat: 4 mai 2025

Publicatii articole BDI

- 2003** – “**Caracteristici morfologice si biochimice ale apoptozei**”, CS Serboiu, E.M.Hinescu, Revista de Medicina Militara; Bucuresti
- 2010**- “**EVALUATION OF HER-2 EXPRESSION IN DIGESTIVE SYSTEM CANCER**”, Mihaela Tica, Liliana Dumitru, Mihaela Poparda, **Crenguta Serboiu**, Valeria Tica, Analele Stiintifice ale Universitatii “Alexandru Ioan Cuza” Sesiunea Genetica si Biologie Moleculara, TOM XI, Iasi
- 2011**- **Implicarea stresului oxidative in evolutia insuficientei cardiace**. E.Moldoveanu, D. Marta, G.Dinca, **C.Serboiu**, M.Ghinescu, Gh. Manole, Medicina Moderna, 2011, vol. XVIII, nr. 2
- 2013**- **Electron microscopy of the morphological changes in rat viscera during experimental hyperthermic shock**. Vlad M, **Serboiu C**, Ispas A T, Giuvarasteanu I, Ungureanu E, Ionescu N, Journal of Medicine and Life Vol 6, Issue 3, January-March 2013, pp.55-50
- 2019**- **Constatar ultrasonograficeale hipotiroidismului in timpul sarcinii**. Paulet FP, Baros A, **Serboiu C**, Cirstoiu M, Ginecologia, Nr. 26 (4) 2019. DOI: 10.26416/Gine.26.4.2019, pg 15-18
- 2021**- „**Breast cancer- diagnostic and therapeutic approach with an emphasis on pregnancy**”, **George Pariza**, George Pariza, Florina-Paula Paulet, Carmen Mavrodin, Diana Secara, Alexandru Baros, Crenguta Serboiu, Natalia Turcan, Gheorghe Turcan, Monica Mihaela Cirstoiu, Ginecologia.ro, , nr33, 3/2021, pag 16-20
- 2022**- „**Breast cancer and musculoskeletal implications- potential and mechanism of dissemination.**” **Crenguța Șerboiu**, Diana Secară, Bogdan Crețu, Adrian Dumitru, George Pariza, Carmen Mavrodin, Alexandru Baroș, Florina-Paula Păuleț, Alina Potorac, Monica Mihaela Cîrstoiu, Romanian Journal of Orthopaedic Surgery and Traumatology, Volume 5, Issue 1, January-June 2022. pp:12-21, doi:10.2478/rojost-2022-00042023-
- 2023**. **Acute coronary syndrome – a rare complication in acute promyelocytic leukemia**. Spînu, Andreea; Onisâi, Minodora; Cișleanu, Diana; Nicolescu, Anca; Voican, Irina; Neagu, Ana Maria; Neculcea, Andreea; Mititelu, Alina; Enache, Cristina; Darabont, Roxana; Mihalcea, Diana; Mihai, Stejara; **Șerboiu, Crenguța Sorina**; Vlădăreanu, Ana-Maria, Oncolog-Hematolog, mai 2023, Issue 63, p32-36. 5p.

Alte articole publicate in
rezumate la Congrese mationale
si internationale

- 1997 – « Activitatea lactat dehidrogenazei este crescuta in fractiunea citosolica obtinuta din miocardul ischemiat si reperfuzat »**, A–XV-a Sesiune Stiintifica Anuala a Societatii Nationale de Biologie Celulara, Arad;
- 1997 – « Activitatea PLC si PLD prin receptori diferiti in neutrofilele umane »**, A-XXVI-a Conferinta Nationala de Imunologie, Cluj-Napoca ;
- 1999 – « Caracterizarea populatiilor mononucleare rezidente in ficatul uman normal »**, A XXVIII-a Conferinta Nationala de Imunologie, Craiova;
- 1999 – « Caracterizarea celulelor pit din ficatul uman normal »**, A XXVIII-a Conferinta Nationala de Imunologie, Craiova ;
- 2000 – « Diagnosticul ultrasonografic al cancerului de colecist »**, Primul Congres National de Ultrasonografie in Medicina, Bucuresti ;
- 2000 – « Colecistita acuta nelitiazica »**, Primul Congres National de Ultrasonografie in Medicina, Bucuresti ;
- 2000 – « Imunocitotoxicitatea celulelor pit in raspunsul anti-tumoral din ficatul uman » - « Pit cell immunocytotoxicity in anti-tumoral response of human liver »**, XIth International Congress of Histochemistry and Cytochemistry, Cell Biology and Imaging Tools for the New Century, University of York, UK;
- 2000 – “ Hepatita toxica halotanica ”**, Congresul National SRIM – Milenium 2000”, Iasi;
- 2001 – ”Studiul participarii stromei tumorale si a stromei peritumorale la formarea, dezvoltarea si evolutia tumorilor maligne hepatice de origine epiteliala »**, Simpozionul Stiintific Regional, Craiova ;
- 2001 – “Evolutia celulelor stromale endometriale de-a lungul ciclului endometrial, sub actiunea hormonilor ovarieni”**, Simpozionul Stiintific Regional, Craiova ;
- 2003 – “Caracteristici morfologice si biochimice ale apoptozei”**, Revista de Medicina Militara; Bucuresti
- 2009 – « Consecinte electronomicroscopice in socul termic »**, Al VIII-lea Simpozion National al Societatii Romane de Morfologie, Craiova
- 2010- “Paraoxonase- 1 (Pon-1) in heart failure patients with preserved left ventricular fraction”**, 35-th FEBS CONGRESS MOLECULES OF LIFE, Goteborg, Sweden
- 2010- “ Activitatea fosfolipazei A2 asociata LDL la pacientii cu insuficienta cardiac si fractia de ejectie conservata”**, Congresul National de Cardiologie, Sinaia
- 2012- : „Identificarea telocitelor in muschiul striat scheletic.”**, Congresul National pentru studenti si tineri medici, editia a XVI-a, UMF „ CAROL DAVILA” BUCURESTI, decembrie 2012

Data
18/07/2025