



## CIOCAN ANDRA

**Nationality:** Romanian **Gender:** Female



✉ **Email address:** [andra.ciocan10@gmail.com](mailto:andra.ciocan10@gmail.com)

📍 **Home:** Cluj-Napoca (Romania)

### WORK EXPERIENCE

🏢 *Institute of Gastroenterology and Hepatology "Prof. Dr. Octavian Fodor"* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

**General Surgery doctor - Surgery Clinic III**

[ 01/03/2025 – Current ]



**Specialist Doctor - General Surgery**

[ 2025 – Current ]

🏢 *University of Medicine and Pharmacy "Iuliu Hatieganu"* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

**University teaching assistant**

[ 2020 – Current ]

🏢 *Surgery Clinic III, IRGH,* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

**Resident General Surgery Physician**

[ 2019 – Current ]

🏢 *Organization of Medical Students (OSM), Cluj* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

**Volunteer**

[ 2013 – 2015 ]

🏢 *Romanian Society of Surgery Students (SSCR),* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

**Volunteer**

[ 2012 – 2015 ]

🏢 – Dundee, United Kingdom

**City:** Dundee | **Country:** United Kingdom

**Proiect internațional "Discover to Inspire" Dundee, Dundee**

[ 2014 – 2014 ]

🏢 *AIESEC* – Cluj-Napoca, Romania

**City:** Cluj-Napoca | **Country:** Romania

## Volunteer

[ 2013 – 2014 ]

 – Russia

**Country:** Russia

**Project internațional "Interseliger" (Russia)**


[ 2013 – 2013 ]

 – Moscova, Russia

**City:** Moscova | **Country:** Russia

**Project internațional "Explore Russia",**

[ 2013 – 2013 ]

 – Regen, Germany

**City:** Regen | **Country:** Germany

**International project "Sommeraktiversität 2011" Europas Neue Mitte "**

[ 2011 – 2011 ]

 – Romania

**Country:** Romania

**International project Thorignè -Roumanie Association**

[ 2010 – 2011 ]

 *Sibiu International Theater Festival (FITS)* – Sibiu, Romania

**City:** Sibiu | **Country:** Romania

## Volunteer

[ 2008 – 2011 ]

 *Transylvania International Film Festival (TIFF)* – Sibiu, Romania

**City:** Sibiu | **Country:** Romania

## Volunteer

[ 2008 – 2010 ]

 *Peace Corps* – Romania

**Country:** Romania

## Volunteer

[ 2008 – 2010 ]

## EDUCATION AND TRAINING

---

**Specialist Doctor - General Surgery**

[ 2025 – Current ]

**Resident General Surgery Physician**

*Surgery Clinic III IRGH*, [ 2019 – 2025 ]

**City:** Cluj-Napoca | **Country:** Romania | **Website:** <http://www.clinicachirurgie3.ro/medici-rezidenti>

## Bachelor's degree

"Iuliu Hațieganu" University of Medicine and Pharmacy, Cluj [ 2012 – 2018 ]

**City:** Cluj-Napoca | **Country:** Romania | **Website:** <http://www.umfcluj.ro/>

## High school diploma

"Gheorghe Lazăr" National College, [ 2008 – 2012 ]

**City:** Sibiu | **Country:** Romania | **Website:** <https://www.cngl.eu/>

## Student

"Regina Maria" General School, [ 2002 – 2008 ]

**City:** Sibiu | **Country:** Romania

## LANGUAGE SKILLS

**Mother tongue(s):** Romanian

**Other language(s):**

### English

**LISTENING** C1 **READING** C1 **WRITING** C1

**SPOKEN PRODUCTION** C1 **SPOKEN INTERACTION** C1

### German

**LISTENING** C1 **READING** C1 **WRITING** B2

**SPOKEN PRODUCTION** C1 **SPOKEN INTERACTION** C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## SKILLS

Microsoft Office, Microsoft Word, Microsoft Excel, Outlook, Facebook, Google / Microsoft Office: proficient user of Word, Excel and Powerpoint / Good listener and communicator / Organizational and planning skills / Written and Verbal skills / Responsibility / Decision-making / Motivated / Team-work oriented / Research and analytical skills

## PUBLICATIONS

### Laparoscopic Roux-en-Y Fistulojejunostomy for Persistent External Pancreatic Fistulas

Florin Zaharie, Dan Valean, Roxana Zaharie, Roman Taulean, Emil Mois, Calin Popa, Alin Fetti, **Andra Ciocan**, Nadim Al Hajjar

Chirurgia. 2024. DOI: 10.21614/Chirurgia.2938

### On the Control and Validation of the PARA-SILSROB Surgical Parallel Robot

Pisla D, Popa C, Pusca A, **Ciocan A**, Gherman B, Mois E, Cailean A-D, Vaida C, Radu C, Chablat D, et al.

Applied Sciences. 2024; 14(17):7925. <https://doi.org/10.3390/app14177925>

### HER2 Overexpression in Periampullary Tumors According to Anatomical and Histological Classification—A Systematic Review

Bodea IC, **Ciocan A**, Zaharie FV, Bodea R, Graur F, Ursu Ș, Ciocan RA, Al Hajjar N.

Journal of Personalized Medicine. 14(5):463. (2024)

<https://doi.org/10.3390/jpm14050463>

### Prognostic Indicators of Overall Survival in Hepatocellular Carcinoma Patients Undergoing Liver Resection

Ursu C-P, **Ciocan A**, Ursu Ș, Ciocan RA, Gherman CD, Cordoș A-A, Vălean D, Pop RS, Furcea LE, Procopeț B, Ștefănescu H, Moiş E, Al Hajar N, Graur F.

Cancers. 16(7):1427. (2024)  
<https://doi.org/10.3390/cancers16071427>

**Metabolic Signatures: Pioneering the Frontier of Rectal Cancer Diagnosis and Response to Neoadjuvant Treatment with Biomarkers—A Systematic Review**

Ciocan RA, **Ciocan A**, Mihăileanu FV, Ursu C–P, Ursu Ș, Bodea C, Cordoș A–A, Chiș BA, Al Hajjar N, Dîrzu N, Dîrzu D. International Journal of Molecular Sciences. 25(4):2381. (2024)  
<https://doi.org/10.3390/ijms25042381>

**Accuracy and Repeatability of a Parallel Robot for Personalised Minimally Invasive Surgery**

Doina Pisla, Paul Tucan, Damien Chablat, Nadim Al Hajjar, **Andra Ciocan**, Alexandru Pusca, Adrian Pisla, Corina Radu, Grigore Pop, Bogdan Gherman  
Mechanisms and Machine Science, vol 157. Springer, Cham. (2024)  
[https://doi.org/10.1007/978-3-031-59257-7\\_20](https://doi.org/10.1007/978-3-031-59257-7_20)

**Mixed-Reality-Guided Teleoperation of a Collaborative Robot for Surgical Procedures**

Gabriela Rus, Nadim Al Hajjar, Paul Tucan, **Andra Ciocan**, Calin Vaida, Corina Radu, Damien Chablat, Doina Pisla  
Mechanisms and Machine Science, vol 157. Springer, Cham. (2024)  
[https://doi.org/10.1007/978-3-031-59257-7\\_24](https://doi.org/10.1007/978-3-031-59257-7_24)

**Emergency liver resection for non-traumatic lesions. A systematic review**

**Ciocan, A**; Margarit, S; Bartos, A; Ciobanu, L; Iancu, I; Ciocan, RA; Al Hajjar, N  
ANNALI ITALIANI DI CHIRURGIA 94(6):580–586. (2023)

**Impact of TENS stimulation on acute postoperative pain after abdominal surgery—a pubmed review**

Răzvan A. Ciocan, Ariana–Anamaria Cordoș, **Andra Ciocan**, Simona Mărgărit, Noemi Dîrzu, Dan S. Dîrzu  
Signa Vitae. 19(6): 16–23. (10.22514/sv.2023.048), 2023

**Role of Metabolomics in Pathogenesis and Prompt Diagnosis of Gastric Cancer Metastasis—A Systematic Review**

Ursu Ș, **Ciocan A**, Ursu C–P, Gherman CD, Ciocan RA, Pop RS, Spârchez Z, Zaharie F, Al Hajjar N.  
Diagnostics. 13(22):3401. (2023)  
<https://doi.org/10.3390/diagnostics13223401>

**Robot-Guided Ultrasonography in Surgical Interventions.**

Ciocan RA, Graur F, **Ciocan A**, Cismaru CA, Pintilie SR, Berindan–Neagoe I, Hajjar NA, Gherman CD.  
Diagnostics. 13(14):2456. (2023)  
<https://doi.org/10.3390/diagnostics13142456>

**The Influence of Intravenous Lidocaine Infusion on Postoperative Outcome and Neutrophil-to-Lymphocyte Ratio in Colorectal Cancer Patients. A Pilot Study**

Alexandru Leonard Alexa, **Andra Ciocan**, Florin Zaharie, Dan Valean, Sergiu Sargarovschi, Caius Breazu, Nadim Al Hajjar, Daniela Ionescu  
Journal of Gastrointestinal and Liver Diseases 32(2):156–61. (2023)  
<https://jgld.ro/jgld/index.php/jgld/article/view/4962>

### **Surgical management of hydatid cyst disease of the liver: An improvement from our previous experience?**

Florin Zaharie, Dan Valean, Roxana Zaharie, Calin Popa, Emil Mois, Diana Schlanger, Alin Fetti, Claudiu Zdrehus, **Andra Ciocan**, Nadim Al-Hajjar

World J Gastrointest Surg. 15(5): 847–858 (2023)

DOI: 10.4240/wjgs.v15.i5.847

### **Exploratory Evaluation of Neopterin and Chitotriosidase as Potential Circulating Biomarkers for Colorectal Cancer**

**Ciocan A**, Ciocan RA, Al Hajjar N, Benea AM, Pandrea SL, Cătană CS, Drugan C, Oprea VC, Dîrzu DS, Bolboacă SD.

Biomedicines. 11(3):894. (2023)

<https://doi.org/10.3390/biomedicines11030894>

### **On the Stiffness Modelling of the ProHep-LCT Robotic Needle Insertion Instrument**

Bogdan Gherman, Corina Radu, Andrei Caprariu, Nadim Al Hajjar, Calin Vaida, **Andra Ciocan**, Paul Tucan, Emil Mois, Doina Pîsla

Mechanisms and Machine Science, vol 135. Springer, Cham. (2023)

[https://doi.org/10.1007/978-3-031-32606-6\\_29](https://doi.org/10.1007/978-3-031-32606-6_29)

### **The use of phytotherapy in hepatocellular carcinoma – a systematic review**

URSU, C. P., MOIȘ, E. I., FURCEA, L. E., POP, R. S., URSU, Ștefan, SCHLANGER, D., **CIOCAN, A.**, ZAHARIE, F. V., PUIA, A., AL HAJJAR, N., & GRAUR, F.

Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 51(1), 13084. (2023)

<https://doi.org/10.15835/nbha51113084>

### **Trends in Minimally Invasive Approaches for Liver Resections–A Systematic Review**

Graur F, Ciocan RA, **Ciocan A**, Puia IC, Mois E, Furcea L, Zaharie F, Popa C, Schlanger D, Vaida C, Pîsla D, Al Hajjar N.

Journal of Clinical Medicine. 11(22):6721. (2022)

<https://doi.org/10.3390/jcm11226721>

### **Perioperative Management of Patients with Pancreatic Cancer - the ERAS Protocols**

Răzvan A. Ciocan, **Andra Ciocan**, Florin V. Zaharie, Călin Popa, Diana Schlanger, Alexandru Alexa, Daniela Ionescu, Nadim Al Hajjar.

Chirurgia. 117: 415–422 (2022)

<http://dx.doi.org/10.21614/chirurgia.2761>

### **Emergency Pancreatoduodenectomy: A Non-Trauma Center Case Series**

Schlanger D, Popa C, **Ciocan A**, Șofron C, Al Hajjar N.

Journal of Clinical Medicine. 11(10):2891. (2022)

<https://doi.org/10.3390/jcm11102891>.

[2021]

**Abilities of Pre-Treatment Inflammation Ratios as Classification or Prediction Models for Patients with Colorectal Cancer**

**Andra Ciocan**, Răzvan A. Ciocan, Nadim Al Hajjar, Claudia D. Gherman, Sorana D. Bolboacă

Diagnostics, 2021;11(3):566, MDPI (10.3390/diagnostics11030566).

[2020]

**Pattern of calculated inflammation ratios as prognostic values in patients with colorectal cancer, Combinatorial Chemistry & High Throughput Screening,**

**Andra CIOCAN** , Sorana D. BOLBOACĂ, Cristina DRUGAN, Razvan A. CIOCAN, Florin GRAUR, Nadim AL HAJJAR,, 2020,

Bentham (10.2174/138620732366 6201020111946).

[2020]

**Receiver Operating Characteristic Prediction for Classification: Performances in Cross Validation by Example,**  
**Andra CIOCAN** , Nadim AL HAJJAR, Florin GRAUR, Valentin C. OPREA, Razvan A. CIOCAN, Sorana D. BOLBOACĂ,

Mathematics, 8(10 ):1741, MDPI (10.3390/math8101714)

[2019]

**The Pattern of Risk Factors in Patients with Critical Limb Ischemia,**

Razvan A.CIOCAN, Cristina Sorina CĂȚANĂ, Cristina DRUGAN, Claudia D. GHERMAN, **Andra CIOCAN** , Tudor C. DRUGAN, Sorana D. BOLBOACĂ, Medicine. 2019;1– 6. (10.1080/17843286.2019.1577530).

Acta Clinica Belgica International Journal of Clinical and Laboratory Medicine. 2019;

[2018]

**Histopathological changes in major amputation due to diabetic foot a review,**

Diana Gherman, Cristina Iulia Dumitrescu, **Andra Ciocan** , Carmen Stanca Melincovici,

Romanian Journal of Morphology & Embryology. 2018;59(3).

[2017]

**Evaluation of Chitotriosidase as a Marker of Inflammatory Status in Critical Limb Ischemia,**

Ciocan RA, Drugan C, Gherman CD, C Cățantană C S, **Ciocan A** , Drugan TC, Bolboac Bolboacă SD,

Annals of Clinical & Laboratory Science. 2017, ISSN:1550 8080.

[2017]

**Demographic and Comorbidity Pattern of Patients with Critical Limb Ischemia**

Ciocan RA, Bolboac Bolboacă SD, R Rădulescu S, Stancu B, **Ciocan A** , Gherman CD.

Folia Medica. 2017;59(1):14 22. ISSN:1314 2143.2017.PubMed.

[2017]

**Evaluation of Patients with Lower Extremity Peripheral Artery Disease by Walking Tests: A Pilot Study,**

**Andra CIOCAN** , Razvan A. CIOCAN, Claudia D. GHERMAN, Sorana D. BOLBOACĂ,

.

Notulae Scientia Biologicae. 2017;9(4):473 47 9,(10.15835/nsb9410168)

DRIVING LICENCE

Driving Licence: AM

Driving Licence: B1

Driving Licence: B

## BOOK CHAPTERS

### DIVERSITATEA ASPECTELOR CLINICE ȘI MOLECULARE ÎN LIPOSARCOM

Claudia Diana Gherman, Răzvan–Alexandru Ciocan, **Andra Ciocan**, Bogdan Stancu, Ștefan Ursu, Caius Breazu  
Sinergii cutanate din perspectiva multidisciplinarității. Iași. Editura "G.T. Popa"; 2024; 105–119

### EVALUAREA ȘI MANAGEMENTUL PREOPERATOR ÎN CHIRURGIA DERMATOLOGICĂ

Ștefan Ursu, Claudia Diana Gherman, Răzvan–Alexandru Ciocan, **Andra Ciocan**, Caius Breazu  
Sinergii cutanate din perspectiva multidisciplinarității. Iași. Editura "G.T. Popa"; 2024; 233–252

### ANESTEZIA LOCALĂ ÎN DERMATOLOGIE

Caius Breazu, Răzvan–Alexandru Ciocan, Bogdan Stancu, **Andra Ciocan**, Ștefan Ursu, Claudia Diana Gherman  
Sinergii cutanate din perspectiva multidisciplinarității. Iași. Editura "G.T. Popa"; 2024; 253–262

### TRATAMENTUL CHIRURGICAL AL CARCINOMULUI CU CELULE SCUAMOASE CUTANAT AVANSAT

Răzvan–Alexandru Ciocan, Claudia Diana Gherman, **Andra Ciocan**, Florin Vasile Mihăileanu, Ștefan Ursu, Caius Breazu  
Sinergii cutanate din perspectiva multidisciplinarității. Iași. Editura "G.T. Popa"; 2024; 263–277

### Patologie Chirurgicală Digestivă

**Ciocan Andra**, Nadim Al Hajjar, Cluj–Napoca: Editura Medicală Universitară "Iuliu Hatieganu"; 2021

Anatomia chirurgicală a ficatului. 309–316

Abcesele hepatice. 317–334

Tumorile hepatice benigne. 347–364

Tumorile hepatice maligne. 365–406

Tumorile căilor biliare extrahepatice. 461–491

### Robot Assisted Ablation of Liver Hepatocellular Carcinoma and Colorectal Metastases: A Systematic Review In: New Trends in Mechanism and Machine

**Andra CIOCAN**, Radu ELISEI, Florin GRAUR, Emil I. MOIS, Sorana D. BOLBOACĂ, Corina RADU, Calin VAIDA, Nadim AL HAJJAR,

Science. EuCoMeS 2020. Mechanisms and Machine Science (Eds.: Doina PISLA, Burkhard

CORVES, Calin VAIDA), Springer, vol 89, pp. 206 218 (doi:10.1007/978 3 030 55061 5\_24), 2020,

Electronic ISBN: 978 3 030 55061 5, Print ISBN: 978 3 030 55060 8 .

### Boala varicoasă a membrelor inferioare: locul și rolul conținției elastice externe, Dermatologia la Interfața cu alte Specialități Echipe Medicale Multidisciplinare

Claudia Diana GHERMAN, Răzvan Alexandru CIOCAN, **Andra CIOCAN**

Iași: Editura "Gr.T. Popa"; 2019; 140 147.

### Piciorul diabetic Actualizarea Algoritmului de Tratament, Interdisciplinaritatea în Dermatologie la Superlativ

Claudia Diana Gherman, Răzvan Ciocan, **Andra Ciocan**.

Iași: Editura Junimea; 2018; 191–197.

## **Factorii care influențează vindecarea leziunilor piciorului diabetic, Patologia Dermatologică la Granița dintre Specialități.**

Claudia Diana GHERMAN, Răzvan Alexandru CIOCAN, **Andra CIOCAN** , Diana GHERMAN,  
Iași: Editura Junimea; 2017; 215–222.

## **Necesitatea evaluării pacienților cu boală arterială periferică cu ajutorul testelor de mers, Angiologia și Chirurgia Vasculară Principii și practică**

**Andra Ciocan** , Răzvan Alexandru Ciocan, Claudia Diana Gherman.

Cluj Napoca: Casa Cărții de Știință; 2016; 143–155.

## **Impactul amputației asupra calității vieții pacienților cu ischemie critică a membrelor inferioare, Angiologia și Chirurgia Vasculară Actualități și Perspective**

Răzvan Alexandru Ciocan, **Andra Ciocan**, Claudia Diana Gherman

Cluj Napoca: Casa Cărții de Știință; 2016; 283–295.

## **INTEREST DOMAIN**

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**Liver Transplant**

**Liver surgery**

**Hepato-bilio-pancreatic surgery**

**Colorectal surgery**

**Laparoscopic surgery**

## **RESEARCH ACTIVITY**

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**Indice Hirsch - 4**

*Web of Science*

**Indice Hirsch - 6**

*Google Scholar*

**Indice Hirsch - 5**

*Scopus*