



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)

**Crișan Dana Alina**

Address(es)

Office: Clinical Municipal Hospital, 5<sup>th</sup> Medical Clinic, 11 Tabacarilor str, 400, Cluj-Napoca, Romania

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Fax(es)

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Nationality

Romanian

Date of birth

11 December 1978

Parents

Copaci Roman/ Copaci Maria

Gender

Female

Marital status

Married to Crisan Nicolae

### Work experience

Dates

**2014 – up to present**

Main activities and responsibilities

**Lecturer, MD, PhD**

Name and address of employer

patient care, teaching activity, scientific researcher,  
University of Medicine and Pharmacy “Iuliu Hatieganu”, Cluj-Napoca, Faculty of General Medicine, 5<sup>th</sup> Medical Clinic

Occupation or position held

**2013- up to present**

Internal Medicine specialist (medic primar)  
Gastroenterology specialist

Main activities and responsibilities

patient care, teaching activity, scientific researcher

Name and address of employer

“Iuliu Hatieganu” University of Medicine and Pharmacy, Cluj-Napoca, Faculty of General Medicine, 5<sup>th</sup> Medical Clinic

Type of business or sector

Medicine, clinical research, health care

### Education and training

Dates

**oct 2010- 2013**

Title of qualification awarded

Resident Gastroenterology

Principal subjects/occupational skills covered	patient care, diagnostic and treatment																																
Name and type of organisation providing education and training	Regional Institute of Gastroenterology an Hepatology Cluj-Napoca 19-21, Croitorilor str, 400162, Cluj-Napoca, Romania																																
Dates	<b>2007- 2012</b>																																
Title of qualification awarded	PhD student –PhD licence 19.12.2012																																
Principal subjects/occupational skills covered	clinical scientific researcher																																
Name and type of organisation providing education and training	Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania																																
Level in national or international classification	ISCED 5A																																
Dates	<b>2003-2008</b>																																
Title of qualification awarded	Resident in Internal medicine Became Internal medicine specialist (2008)																																
Principal subjects/occupational skills covered	Patient care, diagnostic and treatment																																
Name and type of rganization providing education and training	"Prof. dr. Octavian Fodor" Clinical Emergency Hospital 19-21 Croitorilor str, 400162, Cluj-Napoca, Romania																																
Dates	<b>1997-2003</b>																																
Title of qualification awarded	Student in General Medicine - Licence in Medicine (physician) in 2003																																
Principal subjects/occupational skills covered	medical sciences/diagnostic and therapy for medical disease																																
Name and type of organisation providing education and training	Faculty of Medicine, "Iuliu Hatieganu" University of Medicine and Pharmacy, Cluj-Napoca, Romania																																
Level in national or international classification	ISCED 5A																																
Dates	<b>1993-1997</b>																																
Title of qualification awarded	High school, Class of Mathematics, Physics and English, Graduated in 1997																																
Name and type of organisation providing education and training	"Lucian Blaga" High School																																
<b>Personal skills and competences</b>																																	
Mother tongue(s)	<b>Romanian</b>																																
Other language(s)																																	
Self-assessment																																	
<i>European level (*)</i>																																	
<b>English</b>																																	
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	<table border="1"> <thead> <tr> <th colspan="2">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th>Listening</th> <th>Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td></td> <td>B2</td> <td></td> <td>B2</td> <td></td> <td>B2</td> <td></td> </tr> <tr> <td>B2</td> <td></td> <td>B2</td> <td></td> <td>B2</td> <td></td> <td>B2</td> <td></td> </tr> </tbody> </table>	Understanding		Speaking				Writing		Listening	Reading	Spoken interaction		Spoken production				B2		B2		B2		B2		B2		B2		B2		B2	
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Listening	Reading	Spoken interaction		Spoken production																													
B2		B2		B2		B2																											
B2		B2		B2		B2																											
	(*) <a href="#">Common European Framework of Reference for Languages</a> (Diplome de francaise medicale – Chambre de Commerce et Industrie – Paris)																																
Social skills and competences	Team spirit, adaptability, sociability																																
Organisational skills	research management, organizing conferences/workshops																																

Technical skills and competences	<p>General ultrasonography – (UMF Cluj- 2008)          Bases of Interventional ultrasonography- 2018 (UMF CLUJ)          Vascular and contrast ultrasound. Applications in arterial disease, veins and visceral vessels. – 2010          Hands-on Hemospray Training Course- Cluj- 2018          Core competency in GI endoscopy: Colorectal cancer 360gr- Hands-on training course-2020          Grant writing          Medical writing</p>
Computer skills and competences	<p>General: Windows, Office, IOS          Statistics: Medcalc, SPSS</p>
Other competences/stages abroad	<p>- A stage in the Department of Hepatology from Azienda Ospidaliere Universitaria Pisana – Italy - 2009 (winner of the prize of Romanian Society of Gastroenterology)          - A stage in the Department of Endoscopy - European Institute of Oncology, Milano, Italy - 2012</p>
<b>Additional information</b>	<p><b>Portuniversitaty courses:</b></p> <ul style="list-style-type: none"> <li>- General ultrasonography – (UMF Cluj- 2008)</li> <li>- Vascular and contrast ultrasound. Applications in arterial disease, veins and visceral vessels. – 2010</li> <li>- Actualități în diagnosticul și tratamentul hepatitelor virale cornice- 2011</li> <li>- The Patient JORNEY Documenting Optimal Long-Term Treatment of CHB. A European educational programme under the chairmanship of Antonio Craxi and Fernández -Rodriguez -2011</li> <li>- Actualități în diagnosticul și tratamentul hepatitelor cronice virale- 2012</li> <li>- Complications of inflammation and infection in the gastrointestinal tract- The EEAGEN Postgraduate Course -2012</li> <li>- Cursul postuniversitar „Evaluarea neinvaziva a hepatopatiilor difuze prin tehnici elastografice (Fibroscan, tehnica ARFI, elastografia color” -2013</li> <li>- Curs UP-To-DATE IN HEPATOLOGY- 2014, 2015, 2016, 2017, 2018, 2019, 2020</li> <li>- Curs - Proiect- Dobândire abilități orizontale/ conexe- Proiect: Model colaborativ instituțional pentru translarea cercetării științifice biomedicale în practica clinică- TRANSCENT- 2015_ Oradea</li> <li>- Seminarul Annual al CECUS UMF "Iuliu Hațieganu" Cluj-Napoca- 2015</li> <li>- Hepatology 2017- A panoramic view- Bucuresti</li> <li>- Hands-on Hemospray Training Course- Cluj- 2018</li> <li>- Best Practices in Clinical Hepatology- Bucuresti- 2018</li> <li>- Digestive Endoscopy Cluj 2018</li> <li>- Bases of Interventional ultrasonography- 2018 (UMF CLUJ)</li> <li>- Hands-on Hemospray Training Course- Cluj- 2018</li> <li>- Digestive Endoscopy Cluj 2019</li> <li>- Core competency in GI endoscopy : Colorecta cancer 360gr- Hands-on training course-2020</li> <li>- Digestive Endoscopy Cluj 2020</li> </ul>

## Additional information

## Scientific activity

- Presentations at scientific meetings: lecturer (23), poster presentations (33)
- Published articles abstracts: 45 (national: first author -9) international 22: first author -9)
- Published articles full text:
  - CNCSIS (Romanian Journals); 3 (first author -0, co-autor 3),
  - ISI: 35 (first author -5, main author- 19, co-autor 16),
  - BDI (International Data Bases):16 (first author 6, co-autor 10)
- Books and chapters in books:
  - Chapters in national books: 12
  - Coordinator of books: 1 national
  - Chapters in international books: 2

## Prises:

- UEGW 2008, Vienna, as a „travel grant” for the presentation „The performance of attenuation coefficient computed on the ultrasound image in quantifying liver steatosis in chronic hepatitis C patients” Authors: Lupsor M, Badea R, Vicas C, Nedevschi S, Grigorescu M, Stefanescu H, Sparchez Z, Radu C, **Crișan D**, Serban A, Socaciu M
- Prize of Romanian Society of Ultrasonography for the best oral presentation at XII National Conference, Bucharest, 6-7 May 2009: „Performanta determinarii coeficientului de atenuare a ultrasunetelor comparativ cu examinarea ultrasonografică uzuală pentru cuantificarea steatozei la pacienții cu steatohepatita nonalcoolica”. Autori: Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Spârchez Z, Branda H, Radu C, **Crișan D**, Serban A, Maniu A
- 1<sup>st</sup> Prize at posters at 19<sup>th</sup> National Congress of Hepatology, Bucharest, 10-12 sept 2009, for poster „Evaluarea neinvazivă a fibrozei în steatohepatita nonalcoolică prin elastografie tranzitorie unidimensională (Fibroscan)”. Autori: Lupsor M, Badea R, Stefanescu H, Maniu A, Radu C, **Crișan D**, Sparchez Z, Branda H, Serban A, Grigorescu M.
- The prize of Scientific Committee of EASL as a “travel grant” for the work “The diagnosis performance of the attenuation coefficient computed on the ultrasonic image in comparison with the classical ultrasonographic examination, to quantify the hepatic fat content in nonalcoholic steatohepatitis patients” – accepted as presentation at “EASL Special Conference on NAFLD/NASH and related metabolic disease”, Bologna, Italy, 24-26 sept 2009. Authors: Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Radu C, **Crișan D**, Spârchez Z, Branda H, Serban A, Maniu A.
- ARSF Prize at Posters at 20<sup>th</sup> National Congress of Hepatology, Bucharest, 17-18 sept 2010, for the poster: „Performanța determinării coeficientului de atenuare al ultrasunetelor comparativ cu examinarea ultrasonografică “uzuala” pentru cuantificarea steatozei la pacienții cu steatohepatita nonalcoolica” Authors: Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Radu C, **Crișan D**, Spârchez Z.
- UEGW Prize as travel grant for the work: Predictive role of the interferon-gamma-induced protein-10 for the virologic response in chronic hepatitis C. UEGW Berlin 2013, Au: **Crișan D\***, Radu C\*, Grigorescu MD, Damian D, Szanto P, Cavași A, Habic A, Grigorescu M–
- 3<sup>rd</sup> Prize at Posters for the work: Polimorfismele promotorului CYP27B1 prezic raspunsul virusologic în infectia cronica virala C. National Congress of Gastroenterology and Hepatology. Timișoara, Jun 2013. Au: Grigorescu MD, Crisan D, Radu C, Damian D, Cavasi A, Habic A, Grigorescu M.
- Excellence Prize at UEGW 2017 for poster entitled: Metabolomics identifies progressive NAFLD. UEGW, 25<sup>th</sup> uegweek, Barcelona, oct 2017. Au: **Crișan D**, Radu C, Suci A, Stefanescu H, Romanciuc F, Socaciu C, Avram L, Grigorescu M.
- The prize of Scientific Committee of UEGW as a Travel Grant for the work: New markers for steatosis assessment in NAFLD - the importance of metabolomics. **Crișan D**, Suci A, Stefanescu H, Romanciuc F, Socaciu C, Grigorescu M, Avram L, Radu C. P1268 26<sup>th</sup> uegweek. Vienna 2018

**Clinical studies:**

- Co-investigator in national studies: HERO 1 (Roche)- 2008; VHD epidemiology in Romania (Roche)
- Clinical study EFC10144, Clinical study EFC10143 (Sanofi Aventis)
- MV25600-Gen C (Roche)
- Principal investigator in clinical study: Phase IIb Multi-Center, Randomised, Partial-Blind Parallel Cohort Study to Assess the Efficacy and Safety of Treatment with GSK3228836 in Participants with Chronic Hepatitis B Virus (B-Clear).- 2020

**Member of projects won after national competition:**

**International project-** collaboration with UBB Cluj and Norway, **Responsible for partner** UMF Cluj: A support tool model for decision making to reduce the health risk associated with the uncontrolled water and food sources in rural Roma communities in Transylvania” (RomaHealthRisk) RO-NO-2019-0463 – 2020- 2023

**Project (national competition)- member: ROBOCORE** – Robotic-assisted prostate biopsy, a high precision inovative method (Project code: PN-II-PT-PCCA-2013-4-0647, Contract number: 247/2014) 2014-2016

**Projects won at intra-university competition**

Project TRANSCENT- INFLUENTA PROFILULUI METABOLOMIC ASUPRA COMPONENTEI METABOLICE IN FICATUL GRAS NONALCOOLIC SI HEPATITA C - GRANT of UMF "Iuliu Hațieganu" Cluj-Napoca for sustaining the clinical research 2013

Project manager: NON-INVASIVE METHODS FOR THE ASSESSMENT OF FIBROSIS AND DISEASE PROGRESSION IN CHRONIC HEPATITIS C- GRANT of UMF "Iuliu Hațieganu" Cluj-Napoca for sustaining the clinical research- 2011

**Member of scientific and professional societies:**

Romanian Society of Gastroenterology and Hepatology (**SRGH**)

European Society for the Study of the Liver (**EASL**)

Grupul de Lucru Interdisciplinar pentru Hepatologie Aplicata (GLIHA) - membru fondator

Driving licence

Anexes

**B**

1. Scientific activity – articles in journals
2. Presentations at scientific meetings national and international (2A. Invited speaker, 2B lecturer; 2C poster presentations)
3. Abstracts at national and international scientific meetings
4. Books
5. Attendance at national and interantional conferences

Date: 10.03.2021

Signature: Dana Crisan



## Anex 1: SCIENTIFIC ACTIVITY

### ISI scientific journals and BDI journals

ISI total 37

#### ISI Main author (first, corespondent, last) (19):

1. Matei D, **Crisan D**, Procopet B, Groza I, Furnea B, Levi C, Tantau M. Predictive factors of failure to control bleeding and 6-week mortality after variceal hemorrhage in liver cirrhosis – a tertiary referral center experience. Archives of Medical Science. DOI: <https://doi.org/10.5114/aoms/97206> - article accepted IF=2,8, Q1
2. **Crisan D**, Procopet B, Epure A, Stefanescu H, Suci A, Fodor A, Mois E, Craciun R, Crisan N. Malnutrition and non-compliance to nutritional recommendations in patients with cirrhosis are associated with a lower survival. World J Hepatol. 2020 Oct 27;12(10):829-840- (revista e indexata in Emerging Source of Citation Index, o ramura a Thomson Reuters, dar care nu primeste inca factor de impact)
3. Avram L, Stefanu A, **Crisan D**, Leopold N, Donca V, Buzdugan E, Craciun R, Andras D, Coman I. Recent advances in surface-enhanced Raman spectroscopy based liquid biopsy for colorectal cancer (Review). Exp Ther Med. 2020 Dec;20(6):213. doi: 10.3892/etm.2020.9342. IF=1,78
4. Andras I, Telecan T, **Crisan D**, Cata E, Kadula P, Andras D, Bungardean M, Coman I, Crisan N. Different clinical significance of ASAP/HGPIN pattern in systematic vs. MRI-US fusion guided prostate biopsy. Exp Ther Med. 2020 Dec;20(6):195. doi: 10.3892/etm.2020.9325. Epub 2020 Oct 14. IF=1,78
5. Andras D, **Crisan D**, Craciun R, Nemes A, Caziuc A, Drasovean R, Seicean R, Scurtu R, Bințințan V, Eniu D, Coman I, Dindelegan G. Neutrophil-to-lymphocyte ratio: a hidden gem in predicting neoadjuvant treatment response in locally advanced rectal cancer? J BUON. 2020 May-Jun;25(3):1436-1442. IF=1,69
6. Avram L, Iancu SD, Stefanu A, Moisoiu V, Colnita A, Marconi D, Donca V, Buzdugan E, Craciun R, Leopold N, Crisan N, Coman I, **Crisan D**. SERS-Based Liquid Biopsy of Gastrointestinal Tumors Using a Portable Raman Device Operating in a Clinical Environment. J Clin Med. 2020 Jan 13;9(1):212. doi: 10.3390/jcm9010212. IF=5,6, Q1
7. **Crisan D**, Grigorescu M, Crisan N, Craciun R, Lupsor M, Radu C, Grigorescu MD, Suci A, Epure F, Avram L, Leach N. Association between PNPLA3[G]/I148M variant, steatosis and fibrosis stage in hepatitis C virus - genetic matters. J Physiol Pharmacol. 2019 Aug;70(4). IF=2,64
8. Andras D, **Crisan D**, Avram L, Caziuc A, Bintintan V, Coman RT, Portik D, Ionescu B, Hopartan C, Crisan N, Eniu D, Coman I, Dindelegan G. Organ sparing management in rectal cancer. Are we there yet? Ann Ital Chir. 2019 Jul 29;90. pii: S0003469X19030793. IF=0.79
9. Andras I, **Crisan D**, Cata E, Tamas-Szora A, Caraiani C, Coman RT, Bungardean C, Mirescu C, Coman I, Crisan N. MRI-TRUS fusion guided prostate biopsy - initial experience and assessment of the role of contralateral lobe systematic biopsy. Med Ultrason. 2019 Feb 17;21(1):37-44. doi: 10.11152/mu-1705. IF=1,67
10. **Crisan D**, Grigorescu MD, Radu C, Suci A, Grigorescu M. Interferon- $\gamma$ -inducible protein-10 in chronic hepatitis C: Correlations with insulin resistance, histological features & sustained virological response. Indian J Med Res. 2017 Apr;145(4):543-550. IF=1,62
11. **Crisan D**, Radu C, Suci A, Leach N, Stefanescu H, Avram L, Crisan N, Grigorescu M. Hepatitis C in nonobese nondiabetic patients: Insulin resistance and the metabolic syndrome make a difference. J Viral Hepat. 2017 Jan;24(1):86-87. IF=4,23, Q1
12. Leach NV, Dronca E, Craciun EC, **Crisan D**. High levels of serum homocysteine in non-alcoholic steatohepatitis. Eur J Intern Med. 2016, IF=3,6
13. **Crisan D**, Radu C, Suci A, Grigorescu MD, Stefanescu H, Romanciuc F, Socaciu C, Grigorescu M. Metabolomics for genomics: the role of vitamin D in nonalcoholic fatty liver disease. J Gastrointestin Liver Dis. 2015 Sep;24(3):394-5. IF=1,89
14. **Crisan D**, Radu C, Lupșor M, Sparchez Z, Grigorescu MD, Grigorescu M. Two or more synchronous combination of noninvasive tests to increase accuracy of liver fibrosis assesement in chronic hepatitis C; results from a cohort of 446 patients. Hepat Mon. 2012 Mar;12(3):177-84 (indexat ISI, factor de impact 2,19)
15. **Crisan D**, Radu C, Grigorescu MD, Lupsor M, Feier D, Grigorescu M. Prospective non-invasive follow-up of liver fibrosis in patients with chronic hepatitis C. J Gastrointestin Liver Dis. 2012 Dec;21(4):375-82.
16. Al Hajjar N, Habic A, Bartos A, **Crisan D**. Tumor characteristics and surgical therapy influence the outcome of gastrointestinal stromal tumors. J Gastrointestin Liver Dis. 2014 Mar;23(1):102-3

17. Tantau M, **Crisan D**, Popa D, Vesa S, Tantau A. Band ligation vs. N-Butyl-2-cyanoacrylate injection in acute gastric variceal bleeding: a prospective follow-up study. *Ann Hepatol*. 2013 Jan-2014 Feb;13(1):75-83
18. Al Hajjar N, **Crișan D**, Grigorescu M, Boruah P. Acute diverticulitis-an unusual cause of liver abscesses in a young man: a case report. *Chirurgia (Bucur)*. 2012 Mar-Apr;107(2):267-72
19. Coman I, Crisan N, Petrut B, Bungardean C, Cristea T, **Crisan D**. Hepatic and skin metastases after laparoscopic radical prostatectomy for prostate cancer. *J Gastrointestin Liver Dis*. 2007 Sep;16(3):333-5.

**- Co-author (17):**

1. Tantau A, Mandrutiu A, Pop A, Zaharie R, **Crisan D**, Preda C, Tantau M, Mercea V. Extrahepatic cholangiocarcinoma: Current status of endoscopic approach and additional therapies. *World J Hepatol* 13(2):166-186. Published online Feb 27, 2021. doi: 10.4254/wjh.v13.i2.166 revista e indexata in Emerging Source of Citation Index, o ramura a Thomson Reuters, dar care nu primeste inca factor de impact)
2. Ungureanu MI, Brînzac MG, Forray A, Paina L, Avram L, **Crișan DA**, Donca V. The geriatric workforce in Romania: the need to improve data and management. *Eur J Public Health*. 2020 Sep 1;30(Supplement\_4):iv28-iv31. doi: 10.1093/eurpub/ckaa127. IF=2,6
3. Stefanu A, Moisoiu V, Couti R, Andras I, Rahota R, **Crisan D**, Pavel IE, Socaciu C, Leopold N, Crisan N. Combining SERS analysis of serum with PSA levels for improving the detection of prostate cancer. *Nanomedicine (Lond)*. 2018 Oct;13(19):2455-2467. doi: 10.2217/nnm-2018-0127. IF=5.0005
4. Suci AM, **Crisan DA**, Procopet BD, Radu CI, Socaciu C, Tantau MV, Stefanescu HO, Grigorescu M. What's in Metabolomics for Alcoholic Liver Disease? *J Gastrointestin Liver Dis*. 2018 Mar;27(1):51-58. doi: 10.15403/jgld.2014.1121.271.ald.
5. Crisan N, Andras I, Radu C, Andras D, Coman RT, Tucan P, Pislă D, **Crisan D**, Coman I. Prostate ultrasound: back in business! *Med Ultrason*. 2017 Nov 29;19(4):423-429.
6. Stefanescu H, Suci A, Romanciuc F, Crisan D, Procopet B, Radu C, Tantau M, Socaciu C, Grigorescu M. Lyso-phosphatidylcholine: A potential metabolomic biomarker for alcoholic liver disease? *Hepatology*. 2016 Aug;64(2):678-9
7. Procopet B, Farcau O, Balagel M, Crisan D, Stefanescu H, Pop A, Fischer P, Habic A, Radu C, Tantau M, Grigorescu M. The metabolic syndrome is not correlated with the short-term risk of decompensation in patients with cirrhosis. *J Gastrointestin Liver Dis*. 2014 Dec;23(4):397-403
8. Leach NV, Dronca E, Vesa SC, Sampelean DP, Craciun EC, Lupsor M, Crisan D, Tarau R, Rusu R, Para I, Grigorescu M. Serum homocysteine levels, oxidative stress and cardiovascular risk in non-alcoholic steatohepatitis. *Eur J Intern Med*. 2014 Oct;25(8):762-7.
9. Tantau M, Mercea V, Crisan D, Tantau A, Mester G, Vesa S, Sparchez Z. ERCP on a cohort of 2,986 patients with cholelithiasis: a 10-year experience of a single center. *J Gastrointestin Liver Dis*. 2013 Jun;22(2):141-7.
10. Grigorescu M, Crisan D, Radu C, Grigorescu MD, Sparchez Z, Serban A. A novel pathophysiological-based panel of biomarkers for the diagnosis of nonalcoholic steatohepatitis. *J Physiol Pharmacol*. 2012 Aug;63(4):347-53.
11. Stefanescu H, Grigorescu M, Lupsor M, Maniu A, Crisan D, Procopet B, Feier D, Badea R. A new and simple algorithm for the noninvasive assessment of esophageal varices in cirrhotic patients using serum fibrosis markers and transient elastography. *J Gastrointestin Liver Dis*. 2011 Mar;20(1):57-64.
12. Lupsor M, Badea R, Ștefănescu H, Grigorescu M, Serban A, Radu C, Crișan D, Sparchez Z, Iancu S, Maniu A. Performance of Unidimensional Transient Elastography in Staging Non-Alcoholic Steatohepatitis. *J Gastrointestin Liver Dis* 2010; 19 (1): 53-60 (ISI, IF:1,265)
13. Radu C, Grigorescu M, Crisan D, Lupsor M, Constatin D, Dina L. Prevalence and associated risk factors of non-alcoholic fatty liver disease in hospitalized patients. *J Gastrointestin Liver Dis* 2008 ;17: 255-260. (ISI, ISSN:1841-8724 PMID: 18836616).
14. Grigorescu M, Radu C, Lupsor M, Vicaș C, Nedevschi S , Badea R, Spârchez Z, Crisan D, Serban AI. Comparison between attenuation coefficient computed on the ultrasound image and a biological marker, adiponectin, in the diagnosis of steatosis in non-alcoholic fatty liver disease. 2008 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2008), THETA 16th edition , Vol III, Proceedings:118-122, 2008.(ISI, ISBN:978-1-4244-2576-1)
15. Lupsor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Radu C, Crișan D, Spârchez Z, Serban AI, Branda H. Ultrasonographic diagnosis of nonalcoholic steatohepatitis based on the quantitative evaluation of the ultrasound beam behavior into the liver. 2008 IEEE International Conference on Automation, Quality and Testing, Robotics (AQTR 2008), THETA 16th edition, Vol III, Proceedings 112-117, 2008. (ISI, ISBN: 978-1-4244-2576-1).

16. Grigorescu M, Radu C, Crișan D, Grigorescu MD, Șerban AI, Neculoiu D, Rusu M, Acalovschi M. Metabolic Syndrome, Insulin Resistance and Adiponectin Level in Patients with Chronic Hepatitis C. *J Gastrointestin Liver Dis* 2008; 17 :147-155.(ISI, ISSN: 1841-8724. PIMD: 18568135).
17. Coman I, Crisan N, Marian A, Crisan D, Hancu N. Prevalence of the metabolic syndrome in patients with prostate cancer. *J Gastrointestin Liver Dis*. 2008 Jun;17(2):237-8

## 2b. BDI total (18)

Main author (10):

1. Tantau A, Mandrutiu A, Pop A, Zaharie R, Crisan D, Preda C, Tantau M, Mercea V. Extrahepatic cholangiocarcinoma: Current status of endoscopic approach and additional therapies. *World J Hepatol* 13(2):166-186. Published online Feb 27, 2021. doi: 10.4254/wjh.v13.i2.166 revista e indexata in Emerging Source of Citation Index, o ramura a Thomson Reuters, dar care nu primeste inca factor de impact)
2. **Crisan D**, Procopet B, Epure A, Stefanescu H, Suciu A, Fodor A, Mois E, Craciun R, Crisan N. Malnutrition and non-compliance to nutritional recommendations in patients with cirrhosis are associated with a lower survival. *World J Hepatol*. 2020 Oct 27;12(10):829-840- (revista e indexata in Emerging Source of Citation Index, o ramura a Thomson Reuters, dar care nu primeste inca factor de impact)
3. Tantau M, **Crisan D**. Is endoscopic band ligation the gold standard for gastric antral vascular ectasia? *Endosc Int Open*. 2019 Dec;7(12):E1630-E1631. doi: 10.1055/a-1006-2763.
4. Suciu A, **Crisan D**, Lupsor-Platon M, Rus M, Rusu I, Grigorescu M. Are non-invasive scores reliable for nonalcoholic fatty liver disease and nonalcoholic steatohepatitis diagnostic? *HVM Bioflux* 2018;10(2):74-78.
5. **Crisan D**, Radu CI, Suciu AM, Romanciuc F, Socaciu C, Grigorescu M. Metabolomics in nonalcoholic fatty liver disease - a new technique for an open horizon. *HVM Bioflux* 2015;7(3):229-235.
6. Tantau M, **Crisan D**. Peroral endoscopic myotomy: Time to change our opinion regarding the treatment of achalasia? *World J Gastrointest Endosc*. 2015 Mar 16;7(3):237-46
7. **Crisan D**, Tantau M, Tantau A. Endoscopic management of bleeding gastric varices--an updated overview. *Curr Gastroenterol Rep*. 2014 Oct;16(10):413. doi: 10.1007/s11894-014-0413-1
8. **Crișan D**, Grigorescu M, Feier D, Grigorescu MD, Radu C. Analiza comparativă a sindromului metabolic în ficatul gras nonalcoolic și hepatita cronică virală C. *Clujul Medical* 2011; 84(1): 28-33. (Cod CNCIS: 253, categorie revista: B+)
9. **Crisan D**. Componenta metabolică a infecției virale C. *Clujul Medical* 2010 Vol. LXXXIII - nr. 1; 31-35 (B+)
10. **Crișan D**, Grigorescu M, Lupșor M, Vicaș C, Nedevschi S, Badea R, Crisan N, Radu C. Noninvasive fibrosis assesment in chronic hepatitis C: Computed analysis of Ultrasound image or Biochemical score?. AQTR Theta 17th edition, Poster Sesion, Workshop IOHIS-Interoperability in healthcare information systems 2010 IEEE, International Conference on Automation, Quality and Testing, Robotics, May 28-30 2010, Cluj-Napoca

-Co-author (8):

1. Dudric V, Constantea N, **Crisan D**, Axente D, Silaghi H, Miclaus D, Ghisa AM, Maghiar A. Laparoscopic sleeve gastrectomy: short and mid-term outcome. *HVM Bioflux* 2016;8(4):171-175
2. Habic A, Crisan D, Caraiani C, Grigorescu M. Tuberous sclerosis with severe lymphangioliomyomatosis and chylous ascites: a case report. *HVM Bioflux* 2015;7(4):306-309
3. Radu C, Meszaros M, **Crisan D**, Anton O, Rusu I, Dina L, Grigorescu M, Al Hajjar N, Geza M. Gallstone ileus four months after cholecystectomy. *HVM Bioflux* 2015;7(1):38-41.
4. Leach NV, Dronca E, Radu C, **Crisan D**, Lupsor-Platon M, Sampelean DS, Grigorescu M. Evaluation of metabolic syndrome in patients with non-alcoholic steatohepatitis. *HVM Bioflux* 2014;6(4):174-181.
5. Radu C, **Crisan D**, Grigorescu M. How can we predict steatosis using biochemical markers (SteatoTest and Fatty liver index)? *HVM Bioflux* 2011;3(2):89-96.
6. Radu C, M. Grigorescu, M. Lupșor, C Vicaș, S Nedevschi, R. Badea, MD Grigorescu, Z. Spârchez, **D. Crisan**, D. Feier. The diagnostic performance of attenuation coefficient computed on the ultrasound image compared to a biochemical marker - SteatoTest - for steatosis quantification in non-alcoholic fatty liver disease. Proceedings of 2010 IEEE-International Conference on Automation, Quality and Testing, Robotics. 2010; 2: 310-314 (ISBN 978-1-4244-6722-8; IEEE Catalog Number CFP 10AQT-PRT) (indexata IEEE Xplore
7. <http://ieeexplore.ieee.org/search/freesrchabstract.jsp?tp=&arnumber=5520717&queryText%3Dradu+C%26openedRefinements%3D%26searchField%3DSearch+All> Citări: 1



8. M. Lupșor, R. Badea, C. Vicaș, S. Nedevschi, M. Grigorescu, C. Radu, H. Stefanescu, **D. Crisan**. Non-invasive steatosis assessment in NASH through the computerized processing of ultrasound images: attenuation versus textural parameters. Proceedings of 2010 IEEE-International Conference on Automation, Quality and Testing, Robotics. 2010; 2: 333-338 (ISI ? ISBN 978-1-4244-6722-8; IEEE Catalog Number CFP 10AQT-PRT) (indexata IEEE Xplore [http://ieeexplore.ieee.org/search/freeschabstract.jsp?tp=&arnumber=5520711&queryText%3Dradu+C%26openedRefinements%3D\\*%26searchField%3DSearch+All](http://ieeexplore.ieee.org/search/freeschabstract.jsp?tp=&arnumber=5520711&queryText%3Dradu+C%26openedRefinements%3D*%26searchField%3DSearch+All))

Romanian scientific journals CNCSIS (3)

Co-author (3):

1. Lupșor M, Badea R, Vicas C, Nedevschi S, Grigorescu M, Ștefănescu H, Sparchez Z, Branda H, Radu C, Crisan D, Șerban A. The diagnosis performance of the attenuation coefficient computed on the ultrasonic image in comparison with the classical ultrasonographic examination, to quantify the hepatic fat content in nonalcoholic steatohepatitis patients. Romanian Journal of Hepatology. 2008; 4: 21-30 (CNCSIS cat C – 758)
2. Lupșor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Socaciu M, Radu C, Crisan D, Grigorescu M. The performance of the attenuation coefficient computed on the ultrasound image in quantifying liver steatosis in diffuse liver disease patients. Automat. Comput. Appl. Math. 2009; 18(2): 199-205 (CNCSIS cat B+)
3. Lupșor M, Badea R, Vicas C, Nedevschi S, Grigorescu M, Ștefănescu H, Sparchez Z, Radu C, Crisan D, Șerban A. Detection of steatosis in chronic hepatitis C, based on the evaluation of the attenuation coefficient computed on the ultrasound image. Medical Ultrasonography 2008; 10 (1): 13-20. (CNCSIS D)

## **Anex 2 SCIENTIFIC ACTIVITY**

### **Presentations at scientific meetings national and international:**

- lecturer: 26 (23 national, 3 internat, 15 first author, 11 co-author)
- poster presentations: 33 (7 first author )

### **Anex 2A**

#### **Invited speaker (6)**

1. Crisan D. NAFLD/NASH. World's biggest epidemic. Case presentation. 7th UpDate on Hepatology Course 2020 Virtual (endorsed by EASL) "Multisystemic Nature of Liver Diseases", Bucharest, October 2020.
2. Crisan D. NAFLD & NASH : concept and spectrum. 3rd UpDate on Hepatology Course (EASL endorsed), Bucharest 28th-29th April 2016.
3. Crisan D, Avram L, Militaru V. Seminar anual CECUS UMF Cluj-Napoca, 26 nov 2015. Ecografia in patologia tubului digestiv- o abordare clasica in era imagisticii moderne.
4. Crisan D, Grigorescu M. Team – B. Procopet, H. Ștefănescu (Cluj-Napoca)- Pro. Camelia Cojocariu, C. Șfarti. Mentor Anca Trifan. Team. Oana Petrea, Laura Huiban (Iasi)- **Contra**. Place of liver biopsy in the assessment of non-alcoholic steatohepatitis. Academic debate. Congresul National de Gastroenterologie si Hepatologie, Timisoara 2019
5. Crisan D. NAFLD/NASH. World's biggest epidemic. Case presentation. 7th UpDate on Hepatology Course 2020 Virtual (endorsed by EASL) "Multisystemic Nature of Liver Diseases", Bucharest, October 2020.
6. Crisan D. Afectarea cardio-vasculară în patologia oncologică digestive. SNGVH, Iulie 2020

### **Anex 2B**

#### **Lecturer (national) (23):**

1. Crisan D, Grigorescu M. Team – B. Procopet, H. Ștefănescu (Cluj-Napoca)- Pro. Camelia Cojocariu, C. Șfarti. Mentor Anca Trifan. Team. Oana Petrea, Laura Huiban (Iasi)- **Contra**. Place of liver biopsy in the assessment of non-alcoholic steatohepatitis. Academic debate. Congresul National de Gastroenterologie si Hepatologie, Timisoara 2019
2. Crisan D, Radu C Habic A, Grigorescu MD, Socaciu C, Grigorescu M. Modificari metabolice in steatoza hepatica non-alcoolica Congresul National de Gastroenterologie si Hepatologie- Iasi, 11-13 Iunie, 2015
3. Crisan D, Grigorescu M. Rolul predictiv al proteinei-10 indusa de catre interferonul gama (IP-10) si al IL28B pentru raspunsul virusologic în hepatita cronica C. Roche Days, Poiana Brasov, Mai 2015

4. Crisan D, Grigorescu M, Radu C, Serban A, Habic A, Grigorescu MD. Scoruri predictive neinvazive în steatohepatita nonalcoolică. Congresul National de Gastroenterologie si Hepatologie Oradea, 11-14 Iunie 2014
5. Crisan D, Grigorescu MD, Radu C, Habic A, Cavasi A, Grigorescu M. Este proteina IP-10 indusă de către interferonul gamma un substitut pentru IL-28B sau sunt metode asociate pentru prezicerea răspunsului la tratament în hepatita cronică virală C? Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013
6. Crisan D, Radu C, Grigorescu MD, Damian D, Szanto P, Cavasi A, Habic A, Grigorescu M. Rolul predictiv al proteinei-10 indusa de interferonul gama pentru răspunsul virusologic în hepatita cronică virală C. Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013
7. Crisan D, Radu C, Grigorescu MD, Grigorescu M. Metabolic syndrome in chronic hepatitis C: insulin resistance, adipocytokines profile. CEURGEM, Cluj-Napoca, sept 2012
8. Crisan D, Radu C, Grigorescu MD, Sparchez Z, Grigorescu M. Noninvazive diagnosis of nonalcoholic steatohepatitis. Congresul National de Gastroenterologie si Hepatologie. Targu Mures, mai 2012
9. Crisan D, Radu C, Grigorescu M, Lupsor M, Feier D, Grigorescu MD. Relatia dintre insulinoresistenta si fibroza exprimata prin scoruri neinvazive. Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Mamaia, 19-21 mai 2011
10. Crisan D. Influenta componentei metabolice asupra fibrozei hepatice evaluate prin mijloace neinvazive in infectia cronica virală C. Zilele Medicale Sibiene. 12-13 Nov 2010
11. Crișan D, Grigorescu M, Șerban AI, Săplăcan M – Mijloace indirecte de diagnostic în steatoza hepatică și steatohepatita nonalcoolică. Al XXIX-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Cluj-Napoca, 18-20 Iunie 2009
12. Crisan D. Ficatul gras nealcoolice suprapus pe hepatita cronica C. Al X-lea Congres de Gastroenterologie, Hepatologie și Endoscopie Digestivă 19-21 iunie 2008, Iași.
13. Radu C, Crișan D. Predicția hipertensiunii portale prin determinarea markerilor serici. Congresul National de Gastroenterologie si Hepatologie Cluj 2016
14. 2. Suci A, Horhat A, Ștefănescu H, Crisan D, Socaciu C, Procopeț B, Tanțău M, Grigorescu M, Bugariu A, Coada C, Grigora C. Lisofosfatidilcolina: un potențial biomarker metabolomic pentru boala hepatică alcoolică. Congresul National de Gastroenterologie si Hepatologie Cluj 2016
15. 3. Rădulescu D, Militaru V, Crișan D, Buzdugan E, L. Stoicescu. Cardiomiopatia secundară cirozei hepatice. Congresul National de Gastroenterologie si Hepatologie Cluj 2016
16. 4. Radu C, Crisan D, Grigorescu MD, Pojoga C, Habic A, Socaciu C, Grigorescu M. Modificari metabolomice in hepatita C. Congresul National de Gastroenterologie si Hepatologie Iasi 2015
17. 5. Habic A, Crisan D, Radu C, Socaciu C. Modificari metabolomice in hepatita alcoolică Congresul National de Gastroenterologie si Hepatologie Iasi 2015
18. 6. Procopeț B, Farcău O, Balagel O, Crișan D, Ștefănescu H, Pop A, Fischer P, Habic A, Radu C, Tanțău M, Grigorescu M. Sindromul Metabolic nu se corelează pe termen scurt cu apariția complicațiilor la pacienții cu ciroză hepatică, Congresul National de Gastroenterologie si Hepatologie Oradea 2014
19. 7. Radu C, Grigorescu GM, Crisan D, Damian D, Szanto P, Habic A, Grigorescu M. Polimorfismul IL-28 B este un factor predictiv pentru răspunsul virusologic susținut și steatoza hepatică în infecția cronică virală C. Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013.
20. 8. Grigorescu MD, Grigorescu M, Radu C, Crisan D, Damian D, Habic A. Polimorfismul PNPLA3(adiponutrina) în hepatita cronică virală C este asociat cu rezistența la insulină, steatoza și fibroza hepatică. Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013.
21. 9. Radu C, Crisan D, Grigorescu MD, Sparchez Z, Grigorescu M. Non – invasive assesment of fibrosis in non-alcoholic fatty liver disease (NAFLD) CEURGEM, Cluj-Napoca, sept 2012
22. 10. Radu C, Grigorescu M, Crisan D, Lupsor M, Grigorescu MD. Analiza comparativă a steatohepatitei în infecția cronică virală C și în ficatul gras nealcoolice. Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Mamaia, 19-21 mai 2011
23. 11. Radu C, Grigorescu M, Acalovschi M, Crisan D. Prevalența bolilor digestive în cadrul sindromului metabolic. Al XXIX-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Cluj-Napoca, 18-20 Iunie 2009.

Lecturer (international) (4):

1. Crisan D. NAFLD/NASH. World's biggest epidemic. Case presentation. 7th UpDate on Hepatology Course 2020 Virtual (endorsed by EASL) "Multisystemic Nature of Liver Diseases", Bucharest, October 2020.
2. Crisan D. NAFLD & NASH : concept and spectrum. 3rd UpDate on Hepatology Course, Bucharest 28th-29th April 2016

3. Crișan D\*, Radu C\*, Grigorescu MD, Damian D, Szanto P, Cavași A, Habic A, Grigorescu M. Predictive role of the interferon-gamma-induced protein-10 for the virologic response in chronic hepatitis C. UEGW Berlin 2013 – lucrare premianta la sectiunea "Hepatite"
4. Crisan D, Grigorescu M., Radu C, Serban A, Grigorescu MD, Mocan T. Insulin Resistance and metabolic syndrome in patients with chronic hepatitis C- presented at International PhD Conference- May 17-18, 2010, Szeged, Hungary

## 2C. Poster presentations (34):

1. Crisan D, Suci A, Stefanescu H, Romanciuc F, Socaciu C, Grigorescu M, Avram L, Radu C. New markers for steatosis assessment in NAFLD - the importance of metabolomics. P1268 26<sup>th</sup> uegweek. Vienna 2018
2. Crisan D, Radu C, Suci A, Stefanescu H, Romanciuc F, Socaciu C, Avram L, Grigorescu M. Metabolomics identifies progressive NAFLD. 25th uegweek. UEGW, Barcelona, octombrie 2017
3. Crișan D, Grigorescu M, Feier D, Radu C. Noninvasive scoring systems in nonalcoholic fatty liver disease may reduce the need for liver biopsy. Poster Nr. 59. Falk Symposium. Gastroenterology week, Octombrie 2010, Freiburg, Germania.
4. Crisan D, M. Grigorescu, D. Feier, M.D. Grigorescu. Comparative analysis of steatohepatitis in nonalcoholic fatty liver disease and chronic hepatitis C. Falk Symposium. Gastroenterology week, Octombrie 2010, Freiburg, Germania
5. Crișan D, Grigorescu M, Lupșor M, Vicaș C, Nedevschi S, Badea R, Crisan N, Radu C. Noninvasive fibrosis assesment in chronic hepatitis C: Computed analysis of Ultrasound image or Biochemical score?. AQTR Theta 17th edition, Poster Sesion, Workshop IOHIS-Interoperability in healthcare information systems 2010 IEEE, International Conference on Automation, Quality and Testing, Robotics, May 28-30 2010, Cluj-Napoca
6. Crisan D, M Grigorescu, MD Grigorescu, D Feier, M Saplacan, A Serban. Citokeratin 18 fragments levels and dehydroepiandrosterone – valuable markers of nonalcoholic fatty liver disease. EASL Special Conference: NAFLD/NASH and Related Metabolic Disease. Bologna, Italy, September 24 - 26, 2009
7. Radu C, Grigorescu M. Suci A. Stefanescu H. Abrudan C, Socaciu C, Al Hajjar N, Cavasi A, Tantau M, Vesa S, Crisan D. Metabolomics identifies advanced fibrosis in chronic HCV infection. 26<sup>th</sup> uegweek. Vienna 2018
8. M. Lupsor-Platon, C. Vicas, S. Nedevschi, H. Stefanescu, C. Radu, D. Crisan, Z. Sparchez, A. Serban, and others. The use of the attenuation coefficient computed on the ultrasonic image could improve the specificity of the classical ultrasonographic examination for the assessment of steatosis grade in diffuse liver diseases patients. EASL Vienna 2015. Journal of Hepatology, Vol. 62, S720
9. Procopet B, Epure A, Filip L, Grigorescu M, Habic A, Radu C, Tantau M, Crisan D. Malnutrition and adherence to nutritional recommendation in patients with cirrhosis. EASL Vienna 2015. Journal of Hepatology, Vol. 62, S357
10. B. Procopet, O. Farcau, D. Crisan, H. Stefanescu, M. Balagel, D. Feier, C. Radu, M. Grigorescu. The role of metabolic syndrome and its components in short term decompensation risk in patients with cirrhosis. Journal of Hepatology, Vol. 60, Issue 1, S218. EASL London 2014
11. A. Tantau, M. Tantau, P. Szanto, D. Crisan, I. Visovan, V. Negrean, D. Sampelean. Non-alcoholic fatty liver disease (nafld) and the risk of colorectal adenomas and advanced neoplasm. a prospective study. Journal of Hepatology, vol. 60, issue 1, s357, EASL London 2014
12. Corina Radu\* , M.D Grigorescu\*, D. Crisan, D. Damian, P Szanto, A. Habic, M. Grigorescu. IL-28B polymorphism is a predictive factor for sustained virologic response, insulin resistance and liver steatosis in chronic hepatitis C infection. UEGW Berlin 2013
13. Marcel Tantau 1,2, Voicu Mercea 1,2, Dana Crisan 1,2, Alina Tantau 3, Gabriela Mester 1,2, Stefan Vesa4. Therapeutic ERCP in cholelithiasis – a ten year - experience of a single center. UEGW Berlin 2013
14. Alina Tantau, Voicu Mercea, Dana Crisan, Marcel Tantau. Risk factors and endoscopic treatment of recurrent cholelithiasis - data from a highly experienced center in ERCP. UEGW Berlin 2013
15. Marcel Tantau, Dana Crisan, Daniel Popa, Alina Tantau. A prospective follow-up of acute gastric variceal hemorrhage treatment: band ligation vs N-Butyl -2-Cyanoacrylate Injection. DDW May 2013
16. C. Radu, M. Grigorescu, M. Lupșor, C. Vicaș, S Nedevschi, R. Badea, Z. Spărchez, D. Crisan, Al. Serban. Comparison between three non-invasive methods for the diagnosis of steatosis in non-alcoholic fatty liver disease: Attenuation coefficient computed on the ultrasounds image, adiponectin and steatotest. EASL 2011.
17. M. Lupsor, R. Badea, H. Stefanescu, D. Feier, D. Crisan, C. Radu, A. Serban, Z. Sparchez, A. Maniu. Performance of acoustic radiation force impulse imaging in the noninvasive assessment of liver fibrosis, in comparison to FIB4 score. EASL 2011
18. Lupsor M, Badea R, Stefanescu H, Feier D, Serban A, Sparchez Z, Radu C, Crisan D, Maniu A. The diagnosis performance of ultrasonic transient elastography for noninvasive assessment of liver fibrosis in 1138 chronic hepatitis C

- patients. Proceedings of the EASL Monothematic Conference on Evaluation of disease severity and prognosis in chronic liver disease, Nice, France, January 28-29, 2011, pag 105
19. Lupsor M, Badea R, Stefanescu H, Grigorescu M, Radu C, Crisan D, Serban A, Sparchez Z, Maniu A. Performance of transient elastography for the diagnosis of fibrosis in nonalcoholic steatohepatitis. factors determining the diagnosis discordances. Proceedings of the EASL Monothematic Conference on Evaluation of disease severity and prognosis in chronic liver disease, Nice, France, January 28-29, 2011, pag 107
  20. Feier D, Badea R, Lupsor M, Stefanescu H, Crisan D, Radu C, Maniu A. Ultrasound contrast enhanced hepatic vein transit time in the diagnosis of liver cirrhosis – a meta-analysis. Proceedings of the EASL Monothematic Conference on Evaluation of disease severity and prognosis in chronic liver disease, Nice, France, January 28-29, 2011, pag 79
  21. Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Radu C, Crisan D, Șpârchez Z. Performanța determinării coeficientului de atenuare al ultrasunetelor comparativ cu examinarea ultrasonografică “uzuală” pentru cuantificarea steatozei la pacienții cu steatohepatită nonalcoolică. Romanian Journal of hepatology 2010; 6(3): 98-100
  22. Lupsor M, Badea R, Vicas C, Nedevschi S, Grigorescu M, Ștefănescu H, Radu C, Crisan D, Socaciu M, Sparchez Z, Serban A. The performance of attenuation coefficient computed on the ultrasound image in quantifying liver steatosis in nonalcoholic steatohepatitis patients. GUT 2009; 58 (suppl II): A 197.
  23. Lușor M, Badea R, Vicaș C, Nedevschi S, Ștefănescu H, Grigorescu M, Radu C, Crișan D, Șpârchez Z, Branda H, Serban A, Maniu A. The diagnosis performance of the attenuation coefficient computed on the ultrasonic image in comparison with the classical ultrasonographic examination, to quantify the hepatic fat content in nonalcoholic steatohepatitis patients. Proceedings of EASL Special Conference on NAFLD/NASH and related metabolic disease. 2009; 169.
  24. Lușor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Sparchez Z, Radu C, Crișan D, Serban A, Socaciu M. The performance of attenuation coefficient computed on the ultrasound image in quantifying liver steatosis in chronic hepatitis C patients. GUT 2008; 57 (supl II): A45.
  25. Lușor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Șpârchez Z, Radu C, Crisan D, Serban Al., Branda H. Diagnosis value of the attenuation coefficient computed from ultrasound image for predicting the presence and severity of nonalcoholic steatohepatitis. Ultraschall in Med 2008; 29: S11-S12
  26. Crisan D, Radu C, Suci A, Ștefănescu H, Romanciuc F, Socaciu C, Avram L, Donca V, Grigorescu M. Metabolomics in diagnosis of NASH – there is hope. SRGH. Bucuresti, aprilie 2017
  27. Grigorescu MD, Crisan D, Radu C, Damian D, Cavasi A, Habic A, Grigorescu M. Polimorfismele promotorului CYP27B1 prezic raspunsul virusologic în infectia cronica virala C. Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013.
  28. Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Radu C, Crisan D, Șpârchez Z. Performanța determinării coeficientului de atenuare al ultrasunetelor comparativ cu examinarea ultrasonografică “uzuala” pentru cuantificarea steatozei la pacientii cu steatohepatita nonalcoolica. Congresul Național de Hepatologie, Bucuresti, 17-18 sep. 2010
  29. Lupsor M, Badea R, Vicas C, Nedevschi S, Ștefănescu H, Grigorescu M, Șpârchez Z, Branda H, Radu C, Crisan D, Serban A, Maniu A. Performanța determinării coeficientului de atenuare al ultrasunetelor comparativ cu examinarea ultrasonografică uzuală pentru cuantificarea steatozei la pacienții cu steatohepatită nonalcoolică. Medical Ultrasonography 2009; 11(1): 42-43.
  30. Lușor M, Badea R, Ștefănescu H, Maniu A, Radu C, Crișan D, Sparchez Z, Branda H, Serban A, Grigorescu M. Evaluarea neinvazivă a fibrozei în steatohepatita nonalcoolică prin elastografie tranzitorie unidimensională (Fibroscan). Romanian Journal of Hepatology 2009; 5(supl1): 66-67.
  31. Lușor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Radu C, Crișan D, Socaciu M, Sparchez Z, Branda H, Serban A. Cuantificarea steatozei in hepatita cronică virală C prin calcularea coeficientului de atenuare al ultrasunetelor pe imaginea ecografică. J Gastrointestin Liver Dis. 2009; 18(suppl 1): 16
  32. Radu C, Grigorescu M, Lușor M, Vicaș C, Nedevschi S, Badea R, Șpârchez Z, Crișan D, Serban A. Performanța determinării coeficientului de atenuarea al ultrasunetelor comparativ cu un marker biologic (adiponectina) pentru diagnosticul steatozei în FGNA. J Gastrointestin Liver Dis. 2009; 18(suppl 1): 82.
  33. Lușor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Sparchez Z, Radu C, Crișan D, Serban A, Socaciu M. Performanța diagnostica a coeficientului de atenuare calculat pe imaginea ecografică în detecția steatozei din hepatita cronica virală C. Rezultate pe un lot de 524 pacienți. Romanian Journal of Hepatology 2008; 4(supl1): 74-75.
  34. Lușor M, Badea R, Vicaș C, Nedevschi S, Grigorescu M, Ștefănescu H, Sparchez Z, Radu C, Crișan D, Serban A. Detection of steatosis in chronic hepatitis C, based on the evaluation of the attenuation coefficient computed on the ultrasound image. J Gastrointestin Liver Dis. 2008; 17(suppl 1): 247-248

### Anex 3: SCIENTIFIC ACTIVITY – abstracts at national and international scientific meetings

#### a. Abstracts national ( 23)

1. Crisan D, Radu C, Suci A, Stefanescu H, Romanciuc F, Socaciu C, Avram L, Donca V, Grigorescu M. Metabolomics in diagnosis of NASH – there is hope. SRGH. Bucuresti, aprilie 2017
2. Crisan D, Radu C Habic A, Grigorescu MD, Socaciu C, Grigorescu M. Modificari metabolice in steatoza hepatica non-alcoolica Congresul National de Gastroenterologie si Hepatologie - Iasi, 11-13 Iunie 2015, J Gastrointestin Liver Dis suppl.
3. Crisan D, Grigorescu M, Radu C, Serban A, Habic A, Grigorescu MD. Scoruri predictive neinvazive în steatohepatita nonalcoolica. Congresul National de Gastroenterologie si Hepatologie Oradea, 11-14 Iunie 2014, J Gastrointestin Liver Dis suppl.
4. Crisan D, Grigorescu MD, Radu C, Habic A, Cavasi A, Grigorescu M. Este proteina IP-10 indusă de către interferonul gamma un substitut pentru IL-28B sau sunt metode asociate pentru prezicerea răspunsului la tratament în hepatita cronică virală C? Congresul National de Gastroenterologie si Hepatologie. Timișoara, iunie 2013, J Gastrointestin Liver Dis suppl.
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8. Radu C, Grigorescu M. Suci A. Ștefănescu H. Abrudan C, Socaciu C, Al Hajjar N, Cavasi A, Tantau M, Vesa S, Crisan D. Metabolomics identifies advanced fibrosis in chronic HCV infection. 26<sup>th</sup> uegweek. Vienna 2018
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10. Procopet B, Epure A, Filip L, Grigorescu M, Habic A, Radu C, Tantau M, Crisan D. Malnutrition and adherence to nutritional recommendation in patients with cirrhosis. EASL Vienna 2015. *Journal of Hepatology*, Vol. 62, S357
11. M. Lupșor-Platon, C. Vicas, S. Nedevschi, H. Ștefănescu, C. Radu, D. Crisan, Z. Sparchez, A. Serban, and others. The use of the attenuation coefficient computed on the ultrasonic image could improve the specificity of the classical ultrasonographic examination for the assessment of steatosis grade in diffuse liver diseases patients. EASL Vienna 2015. *Journal of Hepatology*, Vol. 62, S720
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#### Anex 4: Books:

(18 chapters in national, 2 in international, 1 national book coordinator)

Books and chapters in books (Carti si capitol in carti de specialitate) (cu ISBN) – autor /coautor: (National)

Nr. crt	TITLUL Lucrării autor/coautor	nr. pag.	editura	Localitatea	Anul
1	Actualitati in diagnosticul si tratamentul hepatitelor cronice virale -Hepatita cronica virala C- boala metabolica Au: C Radu, MD Grigorescu, D Crisan	18-31	Editura Medicala Universitara „Iuliu Hatieganu” Cluj-Napoca	Cluj-Napoca	2008
2	Actualitati medico-chirurgicale in patologia digestiva -Explorarea morfologica si nein vaziva serologica in infectia virala C Au: M Grigorescu, MD Grigorescu, D Crisan, C Radu	501-519	Editura Medicala Universitara „Iuliu Hatieganu” Cluj-Napoca	Cluj-Napoca	2010

3	Tratat de Oncologie- Vol II. Cancerul ficatului, cailor biliare si pancreasului -Terapia fotodinamica paleativa Au: M Tantau, D Crisan, O Mosteanu	558-564	Editura Academiei Romane	Bucuresti	2014
4	Tratat de Oncologie- Vol II. Cancerul ficatului, cailor biliare si pancreasului - Profilaxia colangiocarcinomului Au: D Crisan	564- 575	Editura Academiei Romane	Bucuresti	2014
5	Tratat de Oncologie- Vol III. Cancerul colonului si rectului - Profilaxia Au: D Crisan	498-515	Editura Academiei Romane	Bucuresti	2015
6	Tratat de Oncologie- Vol III. Tumorile neuroendocrine. Tumorile neuroendocrine intestinale Au: D Crisan	733-744	Editura Academiei Romane	Bucuresti	2015
7	Tratat de Chirurgie. Uro-oncologie. Tumorile renale. Diagnosticul clinic. Au: D Crisan, I Andras	56-59	Editura Academiei Romane	Bucuresti	2016
8	Tratat de Chirurgie. Uro-oncologie. Tumorile renale. Stadializarea cancerului renal. Au: D Crisan, I Andras	74-78	Editura Academiei Romane	Bucuresti	2016
9	Tratat de Chirurgie. Uro-oncologie. Cancerul de prostata. Chemoprofilaxia cancerului de prostata. Au: D Crisan, I Andras	306-309	Editura Academiei Romane	Bucuresti	2016
10	Pancreatitele acute si cronice. Factori predictivi ai severitatii pancreatitei acute Au: M Grigorescu, D Crisan	120-130	Editura Academiei Romane	Bucuresti	2018
11	Pancreatitele acute si cronice. Diagnsticul pozitiv al pancreatitei cronice Au: D Crisan	519-529	Editura Academiei Romane	Bucuresti	2018
12	Gastroenterologie si hepatologie clinica. Evaluarea noninvasiva a fibrozei hepatice. Au: I Sporea, D Crisan, M Grigorescu	1039-1052	Editura Medicala	Bucuresti	2018
13.	Hipertensiunea portala. Hipertensiunea portala cirotica. Markerii serologici neinvazivi. Au: D Crisan	154-164	Editura Academiei Romane	Bucuresti	2020
14	Hipertensiunea portala Hipertensiunea portala cirotica. Prognostic Au: D Crisan	171-176	Editura Academiei Romane	Bucuresti	2020
15	Hipertensiunea portala Hipertensiunea portala Hipertensiunea portala cirotica. Tratamentul farmacologic Au: M Grigorescu, D Crisan	205-222	Editura Academiei Romane	Bucuresti	2020
16	Hipertensiunea portala. Hipertensiunea portala cirotica. Hidrotoracele cirotic Au: D Crisan	307-312	Editura Academiei Romane	Bucuresti	2020
17	Hipertensiunea portala. Hipertensiunea portala cirotica. Sindromul hepato-pulmonar Au; D Crisan	404-412	Editura Academiei Romane	Bucuresti	2020
18	Hipertensiunea portala. Hipertensiunea portala necirotica. Diagnostic pozitiv si diferential. Au: BS Gaspar, B Stoica, D Crisan	529-537	Editura Academiei Romane	Bucuresti	2020



Books and Chapters in books (coordinator) (Carti si capitole in carti de specialitate (cu ISBN) – coordonator: (National)

Nr. crt	TITLUL lucrării / capitolului/ nr. pag. coordonator	sub redactia: / titlul cartii /	editura	Localitatea	Anul	Nr. pag
1.	Hipertensiunea portala (6 capitole ca autor in cadrul cartii coordonate)	Hipertensiunea portala	Editura Academiei Romane	Bucuresti	2020	616 (nr de pagini al cartii)

Books and Chapters in books – author/co-author (Carti si capitole in carti de specialitate (cu ISBN) – autor /coautor: (International)

Nr. crt	TITLUL autor/coautor	editura	Localitatea	Tara	Anul	Nr. Pag.
1	Radiofrequency ablation and photodynamic therapy in biliary malignancy. In: J. Albert, L. Aabakken, M. Barthet, O. Le Moine, S. Seewald (eds). Endoscopic Retrograde CholangioPancreatography (ERCP) – Current Practice and Future perspective. Au: Tantau M, Crisan D.	International Medical Publishers (London, Boston) UNI-MED Verlag AG, D-28323 Bremen ISBN 978-3-8374-1485-1 ISBN 978-1-84815-224-3	Bremen	Germany	2015	Pg 85- 97 (13)
2	Role of ERCP in acute biliary pancreatitis. In: J. Albert, L. Aabakken, M. Barthet, O. Le Moine, S. Seewald (eds). Endoscopic Retrograde Cholangio Pancreatography (ERCP) – Current Practice and Future perspective. Au: Tantau M, Crisan D.	International Medical Publishers (London, Boston) UNI-MED Verlag AG, D-28323 Bremen ISBN 978-3-8374-1485-1 ISBN 978-1-84815-224-3	Bremen	Germany	2015	Pg 130-144 (15)

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1. Zilele Medicale Sibiene. 12-13 Nov 2010 Crisan D. Influenta componentei metabolice asupra fibrozei hepatice evaluate prin mijloace neinvazive in infectia cronica virala C. Sibiu.
2. CEURGEM, Cluj-Napoca, sept 2012. Crisan D, Radu C, Grigorescu MD, Grigorescu M. Metabolic syndrome in chronic hepatitis C: insulin resistance, adipocytokines profile. Cluj-Napoca
3. Roche Days, Poiana Brasov, Mai 2015. Crisan D, Grigorescu M. Rolul predictiv al proteinei-10 indusa de catre interferonul gama (IP-10) si al IL28B pentru raspunsul virusologic in hepatita cronica C. Poiana Brasov
4. Crisan D. Ficatul gras nealcoolic suprapus pe hepatita cronica C. Al X-lea Congres de Gastroenterologie, Hepatologie și Endoscopie Digestivă Iași. 19-21 iunie 2008,
5. Crisan D, Grigorescu M, Șerban AI, Săplăcan M – Mijloace indirecte de diagnostic în steatoza hepatică și steatohepatita nonalcoolică. Al XXIX-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Cluj-Napoca, Cluj-Napoca, 18-20 Iunie 2009

6. Al XXXI-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Crisan D, Radu C, Grigorescu M, Lupsor M, Feier D, Grigorescu MD. Relatia dintre insulinorezistenta si fibroza exprimata prin scoruri neinvazive. Mamaia, 19-21 mai 2011.
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12. 3rd UpDate on Hepatology Course, Crisan D. NAFLD & NASH : concept and spectrum. Bucharest 28th-29th April 2016
13. Al XXIX-lea Simpozion Național de Gastroenterologie, Hepatologie și Endoscopie Digestivă, Prevalența bolilor digestive în cadrul sindromului metabolic. Cluj-Napoca, 18-20 Iunie 2009.
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19. Congresul National de Gastroenterologie si Hepatologie. Habic A, Crisan D, Radu C, Socaciu C. Modificari metabolomice in hepatita alcoolica. Iasi 2015
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21. Congresul National de Gastroenterologie si Hepatologie Rădulescu D, Militaru V, Crișan D, Buzdugan E, L. Stoicescu. Cardiomiopatia secundară cirozei hepatice. Cluj 2016
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