

## CENTRUL DE CERCETĂRI BIOMEDICALE IASI

### Informare privind activitatea Secției de Științe Medicale pentru anul 2018

1. Membrii Secției – lucrări publicate în anul 2018; cea mai importantă lucrare a fiecărui membru apărută în anul 2018.

#### Membrii Secției:

Nr. ctr	Numele și prenumele	Funcția	Normă
I.	Carol Stanciu	Coordonator Centru	
II.	Walther Bild	C.S II	½ normă
III.	Veronica Bild	C.S. III	½ normă
IV.	Alin Ciobica	C.S. III	½ normă
V.	Radu Lefter	C.S.	Întregă

#### Lucrări publicate în anul 2018

##### I. Prof. Carol Stanciu

#### ISI in extenso:

1. Portal vein thrombosis in cirrhotic patients - it is always the small pieces that make the big picture, Girleanu, I; Trifan, A; **Stanciu, C**; Sfarti, C; WORLD JOURNAL OF GASTROENTEROLOGY, Volume: 24 Issue: 39 Pages: 4419-4427, DOI: 10.3748/wjg.v24.i39.4419, Published: OCT 21 2018. IF 3, 3
2. Oxidative Stress Status in Patients with Choledocholithiasis: Before and After Endoscopic Sphincterotomy and Biliary Clearance; Sfarti, CV; Ciobica, A; **Stanciu, C**; Balan, GG G.; Garleanu, I; Trifan, Revista de Chimie, Volume: 69 Issue: 8 Pages: 2172-2176, Published: AUG 2018, IF 1.412
3. JGLD at the changing of the guard: **Stanciu, C.**, Journal of Gastrointestinal and Liver Diseases Volume: 27 Issue: 1 Pages: 101-101, DOI:10.15403/jgld.2014.1121.271.jgd, Published: MAR 2018 Document Type: Letter, IF 1.964

4. The Socio-Economic Burden of Untreated Hepatitis C Virus Infected Patients in the Era of New Interferon-Free Therapy: Cuciureanu, T; Trifan, A; **Stanciu, C**; Chiriac, S; Sfarti, C; Muzica, CM; Singeap, AM ; Miftode, L; Huiban, L., Revista de Cercetare si Interventie Sociala, Volume: 60 Pages: 65-78, Published: MAR 2018, Document Type: Article, IF 0.838
5. Clostridium difficile infection in hospitalized octogenarian patients: Trifan, A; Girleanu, I; **Stanciu, C**; Miftode, E; Cojocariu, C; Singeap, AM; Sfarti, C ; Chiriac, S; Cuciureanu, T; Stoica, O; Geriatrics & Gerontology International, Volume: 18 Issue: 2 Pages: 315-320, DOI: 10.1111/ggi.13186, Published:FEB 2018, Document Type:Article, IF 2.656
6. Radu Lefter, Alin Ciobica, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, **Carol Stanciu**, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, Neurophysiology, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277 IF 0.207.
7. Radu Lefter, Alin Ciobica, Daniel Timofte, Daniela Ababei, Romeo Dobrin, Andrei Luca, Anca Trifan, **Carol Stanciu**, Catalin Sfarti, A new biological approach in generating an irritable bowel syndrome rat model -focusing on depression in sucrose splash test and body weight change, Romanian Biotechnological Letters, Vol. 23, No. x, 2018, DOI: 10.26327/RBL2018.208, IF 0.4.

#### **BDI in extenso:**

1. Thrombotic Events in Patients with Hepatitis C Virus Liver Cirrhosis Treated with Direct Acting Antivirals and Sustained Virological Response: Huiban, L; Muzica, CM; Cuciureanu, T; Chiriac, S; Mihai, F; Sfarti, C; Singeap, AM; Girleanu, I; **Stanciu, C**; Trifan, A, Medical-Surgical Journal-Revista Medico-Chirurgicala, Volume: 122 Issue: 1 Pages: 122-129, Published:2018.

#### **Abstracte publicate în reviste ISI:**

1. Maxim, R; Plesa, A; Ciortescu, I; Cianga, P; **Stanciu, C**; Trifan, A. HLA-DQB1\*02 dose effect on anti-tissue transglutaminase autoantibody levels in celiac disease. NEUROGASTROENTEROLOGY AND MOTILITY 2018; 30 (1): 201;

2. Maxim, R; Plesa, A; Mazilu, B; Clim, A; Cianga, P; **Stanciu, C**; Trifan, A. Age of onset and diagnosis of celiac disease may be influenced by the haplotypes inherited  
NEUROGASTROENTEROLOGY AND MOTILITY 2018; 30 (1): 202
3. Maxim, R ; Trifan, A Plesa, A ; Mazilu, B ; Clim, A ; Zuico, C; **Stanciu, C**. Diagnostic accuracy of tissue transglutaminase antibodies for detecting persistent villous atrophy among adult celiac disease patients on a gluten-free diet  
NEUROGASTROENTEROLOGY AND MOTILITY 2018; 30 (1): 221 IF
4. Stoica, O **Stanciu, C** Singeap, AM ; Girleanu, I ; Chiriac, S ; Muzica, C; Trifan, A. Outcome of hospitalised patients with inflammatory bowel disease complicated by Clostridium difficile infection: Results from a tertiary referral centre  
JOURNAL OF CROHNS & COLITIS 2018; 12(1): S272-S273
5. T.Cuciureanu, A.-M.Singeap, S.Chiriac, C.-M. Muzică, L.Huiban, I.Girleanu, **C.Stanciu**, A.Trifan Hepatitis C virus infection a new reversible cardiovascular risk factor in cirrhotic patients after viral eradication? J HEPATOL 2018; 68 (1): S543,
6. Stefan Andrei Chiriac, **Carol Stanciu**, Ana Maria Singeap, Catalin Sfarti, Camelia Cojocariu, Irina Girleanu, Tudor Cuciureanu, Oana Stoica, Laura Huiban, Cristina Maria Muzica, Roxana Maria Livadariu, Anca Trifan. Relative adrenal insufficiency in the setting of acute on chronic liver failure – an organ dysfunction that could indicate futility  
GASTROENTEROLOGY 2018; 154 (6): S-1119
7. Ana Maria Singeap, Anca Trifan, Irina Girleanu, Oana Stoica, Stefan Andrei Chiriac, Tudor Cuciureanu, **Carol Stanciu**. The best choice for Helicobacter Pylori testing — the debate is still going on. GASTROENTEROLOGY 2018; 154 (6): S-508
8. Anca Cardoneanu, Elena Rezuş, Cătălina Mihai, Anca Trifan, **Carol Stanciu**, Mihaela Dranga, Cristina Cijevschi Prelipcean. Articular manifestations in inflammatory bowel disease - results from northeastern Romania. J Gastrointestin Liver Dis 2018; 27(2):5
9. Ana-Maria Singeap, Anca Trifan, Oana Stoica, Irina Girleanu, Tudor Cuciureanu, Stefan Chiriac, **Carol Stanciu**. C-REACTIVE PROTEIN – PREDICTIVE RESPONSE FACTOR FOR IRON SUPPLEMENTATION TREATMENT IN PAT. J Gastrointestin Liver Dis 2018; 27(2):7

10. Laura Huiban, **Carol Stanciu**, Cristina-Maria Muzica, Oana Stoica, Irina Girleanu, Ana-Maria Singeap, Jurcău Monica Georgiana, Tudor Cuciureanu, Stefan Chiriac, Anca Trifan. THERAPY EXPERIENCES AMONG PATIENTS WITH INFLAMMATORY BOWEL DISEASE-RELATED IRON DEFICIENCY ANEMIA - A REAL LIFE STUDY. J

Gastrointestin Liver Dis 2018; 27(2):14

11. Cristina Muzica, **Carol Stanciu**, Oana Stoica, Laura Huiban, Irina Girleanu, Ana-Maria Singeap, Monica Jurcau, Tudor Cuciureanu, Stefan Chiriac, Anca Trifan. INCIDENCE OF EXTRAINTestinal MANIFESTATIONS IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE (IBD). J Gastrointestin Liver Dis 2018; 27(2):17

12. Oana Stoica, **Carol Stanciu**, Cristina Muzica, Ana –Maria Singeap, Cătălin Sfarti, Irina Girleanu, Laura Huiban, Anca Trifan. OUTCOME OF HOSPITALIZED PATIENTS WITH INFLAMMATORY BOWEL DISEASE COMPLICATED BY CLOSTRIDIUM DIFFICILE INFECTION: RESULTS FROM A TERTIARY REFERRAL CENTER. J Gastrointestin Liver Dis 2018; 27(2):18

13. Cristina Muzica, **Carol Stanciu**, Oana Stoica, Laura Huiban, Alexandru Cucos, Irina Girleanu, Ana-Maria Singeap, Sandina Duduman, Tudor Cuciureanu, Stefan Chiriac, Anca Trifan. THE INCIDENCE OF COLONIC DIVERTICULA COMPLICATED WITH ACUTE DIVERTICULITIS IN A TERTIARY GASTROENTEROLOGY CENTER FROM NORTH EASTERN ROMANIA. J Gastrointestin Liver Dis 2018; 27(2):27

14. Ștefan Chiriac, **Carol Stanciu**, Camelia Cojocariu, Cătălin Sfarti, Irina Gîrleanu, Cristina Muzica, Anca Trifan. THE IMPACT OF ACUTE-ON-CHRONIC LIVER FAILURE ON SHORT-TERM SURVIVAL OF CIRRHOTIC PATIENTS WITH LIVER DECOMPENSATION. J Gastrointestin Liver Dis 2018; 27(2):33

15. Irina Girleanu, Anca Trifan, Oana Stoica, Camelia Cojocariu, Ana Maria Singeap, Laura Huiban, Cristina Muzica, Ana Maria Singeap, Cuciureanu Tudor, Stefan Chiriac, Monica Jurcau, Andreea Teodorescu, **Carol Stanciu**. THE USE OF NONSELECTIVE BETA BLOCKERS AND THE RISK FOR PORTAL VEIN THROMBOSIS IN CIRRHOTIC PATIENTS. J Gastrointestin Liver Dis 2018; 27(2):36

16. Laura Huiban, **Carol Stanciu**, Cristina-Maria Muzica, Oana Cristina Stoica, Irina Girleanu, Jurcău Monica Georgiana, Tudor Cuciureanu, Anca Trifan. THROMBOTIC EVENTS IN GENOTYPE-1B HCV COMPENSATED CIRRHOSIS PATIENTS TREATED

WITH 3 DIRECT-ACTING ANTIVIRALS AND SUSTAINED VIROLOGICAL RESPONSE. J Gastrointestin Liver Dis 2018; 27(2):37

17. Ștefan Chiriac; Anca Trifan; Ana-Maria Sîngeap; Irina Gîrleanu; Tudor Cuciureanu; Oana Stoica; Laura Huiban, **Carol Stanciu**. CLIF CONSORTIUM ACUTE-ON-CHRONIC LIVER FAILURE SCORE AS A PREDICTOR OF OUTCOME IN CRITICALLY-ILL CIRRHOTIC PATIENTS J Gastrointestin Liver Dis 2018; 27(2):49

18. Tudor Cuciureanu, Ana- Maria Singeap, Ștefan Chiriac, Cristina Maria Muzică, Laura Huiban, Anca Trifan, Carol Stanciu. PSYCHIATRIC IMPAIRMENT- AN EXTRAHEPATIC MANIFESTATION IN CHRONIC HEPATITIS C? J Gastrointestin Liver Dis 2018; 27(2):50

19. Tudor Cuciureanu, Laura Huiban, Ștefan Chiriac, Cristina-Maria Muzica, Ana-Maria Singeap, Irina Girleanu, Catalin Sfarti, Catalina Mihai, Irina Ciortescu, Cristina Cijevschi Prelipcean, **Carol Stanciu**, Anca Trifan. CESSATION OF ORAL ANTIVIRAL TREATMENT IN PATIENTS WITH DECOMPENSATED LIVER CIRRHOSIS WITH VIRUS C. J Gastrointestin Liver Dis 2018; 27(2):50

20. Liana Gheorghe, Speranta Iacob, Catalina Mihai, Irina Girleanu, Irina Ciortescu, Larisa Sandulescu, Carmen Preda, Mircea Diculescu, Cristina Cijevschi, Simona Bataga, Vasile Drug, Alina Plesa, Camelia Cojocariu, Gabriela Stefanescu, Ana Maria Singeap, Corina Pietrareanu, Iulia Simionov, Roxana Vadan, Iuliana Pirvulescu, Razvan Iacob, Cristian Gheorghe, Roxana Sirli, Ioan Sporea, Paul Mitrut, **Carol Stanciu**, Anca Trifan. Benefits of Sofosbuvir/ledipasvir therapy in a realworld cohort of HCV-GT 1 decompensated liver C. J Gastrointestin Liver Dis 2018; 27(2):53

21. Irina Girleanu, Anca Trifan, Oana Cristina Stoica, Camelia Cojocariu, Ana Maria Singeap, Catalin Sfarti, Roxana Maxim, Mihaela Dimache, Laura Huiban, Cristina Muzica, Cuciureanu Tudor, Ștefan Chiriac, Andreea Teodorescu, **Carol Stanciu** PROTON PUMP INHIBITORS ARE NOT ASSOCIATED WITH A RISK FOR SPONTANEOUS BACTERIAL PERITONITIS IN PATIENTS WITH LIVER CIRRHOSIS J Gastrointestin Liver Dis 2018; 27(2):55

22. Laura Huiban, Tudor Cuciureanu, Cristina-Maria Muzica, Ștefan Chiriac, Ana-Maria Sîngeap, Irina Gîrleanu, Cătălin Sfarti, Cătălina Mihai, Irina Ciortescu, Cristina Cijevschi Prelipcean, **Carol Stanciu**, Anca Trifan. FUNCTIONAL LIVER RESERVE - A

PREDICTIVE FACTOR FOR THE ADVERSE EFFECTS OF ANTIVIRAL TREATMENT IN PATIENTS WITH HEPATITIS C VIRUS DECOMPENSATED LIVER CIRRHOSIS. J Gastrointestin Liver Dis 2018; 27(2):56

23. Cristina-Maria Muzica, Ana-Maria Singeap, **Carol Stanciu**, Laura Huiban, Irina Girleanu, Catalina Mihai, Irina Ciortescu, Tudor Cuciureanu, Oana Stoica, Stefan Chiriac, Anca Trifan. ELIGIBILITY AND REASONS FOR LACK OF TREATMENT WITH DIRECT ACTING ANTIVIRALS IN PATIENTS WITH HCV RELATED DECOMPENSATED LIVER CIRRHOSIS J Gastrointestin Liver Dis 2018; 27(2):62,

24. Maxim Roxana, Pleșa Alina, Ciortescu Irina, **Stanciu Carol**, Cianga Petru, Trifan Anca. HLA-DQB1\*02 dose effect on anti-tissue transglutaminase autoantibody levels in celiac disease. J Gastrointestin Liver Dis 2018; 27(2):80

25. Maxim Roxana, Pleșa Alina, Ciortescu Irina, **Stanciu Carol**, Cianga Petru, Trifan Anca. Age of onset and diagnosis of celiac disease may be influenced by the haplotypes inherited. J Gastrointestin Liver Dis 2018; 27(2):86

26. Roxana Maxim, Alina Plesa, Irina Ciortescu, **Carol Stanciu**, Trifan Anca. Diagnostic accuracy of tissue transglutaminase antibodies for detecting persistent villous atrophy among adult patients on a gluten-free diet. J Gastrointestin Liver Dis 2018; 27(2):87

27. Ana-Maria Singeap, Anca Trifan, Oana Stoica, Irina Girleanu, Tudor Cuciureanu, Stefan Chiriac, **Carol Stanciu**. LOW AND QUESTIONABLE DIAGNOSTIC YIELD OF SMALL-BOWEL CAPSULE ENDOSCOPY IN IRON DEFICIENCY ANEMIA. J Gastrointestin Liver Dis 2018; 27(2):89

28. Oana Stoica, Anca Trifan, Irina Girleanu, Cătălin Sfarti, Cristina Muzica, Laura Huiban, **Carol Stanciu**. A RARE CAUSE OF DYSPHAGIA - DIAGNOSTIC AND THERAPEUTIC CHALLENGE J Gastrointestin Liver Dis 2018; 27(2):124

29. Laura Huiban, **Carol Stanciu**, Cristina-Maria Muzica, Oana Stoica, Irina Girleanu, Ana-Maria Singeap, Tudor Cuciureanu, Stefan Chiriac, Anca Trifan. THERAPY EXPERIENCES AMONG PATIENTS WITH INFLAMMATORY BOWEL DISEASE-RELATED IRON DEFICIENCY ANEMIA - A REAL LIFE STUDY J Gastrointestin Liver Dis 2018; 27(3):12

30. Cristina Muzica, **Carol Stanciu**, Oana Stoica, Laura Huiban, Irina Girleanu, Ana-Maria Singeap, Monica Jurcau, Tudor Cuciureanu, Stefan Chiriac, Anca Trifan.

EXTRAIESTINAL MANIFESTATIONS IN PATIENTS WITH INFLAMMATORY BOWEL DISEASE (IBD). J Gastrointestin Liver Dis 2018; 27(3):16

31. Oana Petrea, Anca Trifan, Irina Gîrleanu, Ana Maria Singeap, Roxana Maxim, Cristina Muzica, **Carol Stanciu**. Frequency of urolithiasis as an extraintestinal manifestation of inflammatory bowel disease in a tertiary center from north-east Romania. J Gastrointestin Liver Dis 2018; 27(3):17

32. Ana-Maria Singeap, Oana Stoica, **Carol Stanciu**, Anca Trifan DIAGNOSTIC YIELD OF SMALL-BOWEL CAPSULE ENDOSCOPY IN SUSPECTED CROHN'S DISEASE . J Gastrointestin Liver Dis 2018; 27(3):20

## II. C.S. II Walther Bild

## III. C.S. III Veronica Bild

### **ISI in extenso:**

1. Oxytocin Administration Improves Memory, Anxiety and some Oxidative Stress Parameters in a Methionine-Induced Rat Model of Schizophrenia: Padurariu, M; Balmus, M; Ciobica, A; Lefter, R; Cojocaru, S; Antioch, I ; Foyet, H ; Dobrin, R; **Bild, V**; FARMACIA, Volume: 66, Issue: 3, Pages: 421-431, DOI: 10.31925/farmacia.2018.3.6; IF 1,507

2. How Nephrotoxic is the Cancer Therapy in Children?: Gavrilovici, C; Luca, A ; Antoniu, SA ; Gallaby, K ; Stefanescu, R ; Starcea, M; Miron, I , **Bild, V** ; FARMACIA, Volume: 66, Issue: 2, Pages: 197-208, Published: MAR-APR 2018, Document Type:Review IF 1,507

3. In Vivo Antioxidant Properties of some Mushroom Extracts in Experimentally Induced Diabetes: Mircea, C; Cioanca, O ; **Bild, V** ; Iancu, C ; Stan, C ; Hancianu, M, FARMACIA Volume: 66, Issue: 2, Pages: 257-261, Published: MAR-APR 2018, IF 1.507

4. Medicinal Plants of the Family Lamiaceae in Pain Therapy: A Review: Uritu, CM ; Mihai, CT; Stanciu, GD ; Dodi, G ; Alexa-Stratulat, T ; Luca, A ; Leon-Constantin, MM; Stefanescu, R; **Bild, V**; Tamba, BI, PAIN RESEARCH & MANAGEMENT, Article Number: 7801543, DOI: 10.1155/2018/7801543, Published:2018. IF 1, 270

**BDI in extenso:**

1. Studiu experimental preliminar asupra toxicității acute a unor extracte din Vernonia kotschyana la șoarece: A. Vasincu, Daniela Carmen Ababei , Oana Dana Arcan , Delia Bulea, Monica Neamțu, S. Beșchea Chiriac, **Veronica Bild**; Medicamentul Veterinar / Veterinary Drug Vol. 12(1) Iunie - Iulie 2018

## CS III Alin Ciobică

**ISI in extenso:**

1. Stefan-Adrian Strungaru, Madalina Andreea Robea, Gabriel Plavan, Elena Todirascu-Ciornea, **Alin Ciobica**, Mircea Nicoara, Acute exposure to methylmercury chloride induces fast changes in swimming performance, cognitive processes and oxidative stress of zebrafish (Danio rerio) as reference model for fish community, Journal of Trace Elements in Medicine and Biology, Volume 47, May 2018, Pages 115-123, IF 3.225.

2. Yousra Massaoudi, **Alin Ciobica**, Irina Dobrin, Mohammed El Hassouni, Halophilic bacteria - a potential therapeutical approach for autism? Romanian Biotechnological Letters, accepted March 2018, DOI: 10.26327/RBL2018.196, IF 0.4.

3. Balmus IM, Lefter R, **Ciobica A**, Antioch I, Ababei D, Dobrin R. Preliminary Data on Some Behavioral Changes Induced by Short-Term Intraperitoneal Oxytocin Administration in Aged Rats. Psychiatr Danub. 2018 Mar; 30(1):91-98. IF 1.23

4. Imane Lakkab, Hanane El Hajaji, Nadya Lachkar, **Alin Ciobica**, Brahim El Bali, Mohammed Lachkar, Phytochemistry, bioactivity: suggestion of Ceratonia siliqua L. as neurodegenerative diseases therapy, 2018 May 29;15(4). Journal of Complementary and Integrative Medicine. IF 1.04

5. Laura Stoica, Bogdan Alexandru Stoica, **Alin Ciobica**, Mihaela Zlei, Daniel Timofte, Nina Filip, Doinita Olinici, Carmen Elena Cotrutz, Photocytotoxicity of some curcumin derivatives, Romanian Biotechnological Letters, Vol. 23, No. 4, 2018, 13862- 13869. IF 0.4.



6. Balmus IM, **Ciobica A**, Stoica B, Lefter R, Cojocaru SI, Reznikov A: The Effects of Oxytocin Administration on the Oxidative Markers in the Temporal Lobe of Aged Rats, *Neurophysiology*, acceptat pentru publicare în 18 jan 2018. IF 0.207.
7. Radu Lefter, **Alin Ciobica**, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, Carol Stanciu, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, *Neurophysiology*, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277 IF 0.207.
8. Manuela Pădurariu, Miruna Balmuș, **Alin Ciobică**, Radu Lefter, Sabina Cojocaru, Iulia Antioch, Harquin Foyet, Romeo Dobrin, Daniela Carmen Ababei, Veronica Bild, Oxytocin Administration Improves Memory, Anxiety and some Oxidative Stress Parameters in a Methionine Induced Rat Model of Schizophrenia, *FARMACIA*, 2018, Vol. 66, 3, 421-431. IF 1, 5.
9. Stefan-Adrian Strungaru, Gabriel Plavan, **Alin Ciobica**, Mircea Nicoara, Madalina Andreea Robea, Carmen Solcan, Elena Todirascu-Ciornea, Adriana Petrovici, Acute exposure to gold induces fast changes in social behavior and oxidative stress of zebrafish (*Danio rerio*), *Journal of Trace Elements in Medicine and Biology*, Volume 50, December 2018, Pages 249-256. IF 2017 3, 75.
10. Radu Lefter, **Alin Ciobica**, Daniel Timofte, Daniela Ababei, Romeo Dobrin, Andrei Luca, Anca Trifan, Carol Stanciu, Catalin Sfarti, A new biological approach in generating an irritable bowel syndrome rat model -focusing on depression in sucrose splash test and body weight change, *Romanian Biotechnological Letters*, Vol. 23, No. x, 2018, DOI: 10.26327/RBL2018.208, IF 0.4.
11. Catalin Victor Sfarti, **Alin Ciobica**, Carol Stanciu, Gheorghe G. Balan, Irina Garleanu, Anca Trifan, Oxidative Stress Status in Patients with Choledocholithiasis: Before and After Endoscopic Sphincterotomy and Biliary Clearance, *REV.CHIM.(Bucharest)*, 69, No. 8, 2018, 2172-2176. IF 1, 4.

#### **BDI in extenso:**

1. Andrei Ciobică, Cezar Honceriu, **Alin Ciobică**, Vasile Chiriță, Romeo Dobrin, Irina Dobrin, Florin Trofin, Daniel Timofte, The importance of exercising in the pathological

manifestations of some psychiatric disorders of some psychiatric disorders such as autism or schizophrenia, *Bulletin of Integrative Psychiatry*, 2018, 76 (1), 23-30.

2. Andrei Ciobica, Cezar Honceriu, **Alin Ciobica**, Heba EL-Lethey, Samson Guenné, Daniel Timofte, Is there a Correlation between Resistance Training and Cancer? *Academy of Romanian Scientists Annals Series on Biological Sciences*, Volume 7, No. 1, 2018, pp. 45-59, ISSN 2285 – 4177.

3. Mădălina-Andreea Robea, Ștefan-Adrian Strungaru, Christian Lenzi, Mircea Nicoară, **Alin Ciobică**, The Importance of Rotenone in Generating Neurological and Psychiatric Features in Zebrafish - Relevance for a Parkinson's Disease Model, *Academy of Romanian Scientists Annals Series on Biological Sciences*, Volume 7, No. 1, 2018, pp. 59-68, ISSN 2285 – 4177.

4. Ioannis Mavroudis, **Alin Ciobica**, Foivos Petrides, Vasiliki Costa, Stavros J Baloyannis, Morphological Analysis of Individual Neurons, *Academy of Romanian Scientists Annals Series on Biological Sciences*, Volume 7, No. 1, 2018, pp. 68-80. ISSN 2285 – 4177.

5. M.A Robea, M Nicoara , G Plavan , S.A Strugaru , **A Ciobica**, Fipronil: Mechanisms of action on various organisms and future relevance for animal models studies, *Journal of survey in fisheries sciences*, 3 2018, 5(1): 20-31.

6. Roxana Oana Cojocariu, **Alina Ciobica**, Daniel Timofte, The current state of knowledge on the link between the human microbiome and some neuropsychiatric disorders, *Bulletin of Integrative Psychiatry*, 2018, 2, 27-38.

7. Roxana Oana Cojocariu, **Alin Ciobica**, Daniel Timofte, The relevance of some new biomarkers (o.g oxidative stress metabolism) in psychiatry as evidenced by non-invasive methods in saliva, tears, urine or feces, *Bulletin of Integrative Psychiatry*, 2018, 2, 65-74.

8. Eman H. Rashwan, Mervat M. Kamel, Heba S. El-lethey, **Alin Ciobica**, Kassem G. El Iraqi, Omar A. Ahmed-Farid, Caffeine Ameliorating Effect on Anxiety and Depression in an Aluminum Chloride-induced Alzheimer's Disease Rat Model, *International Journal of Pharmaceutical Research & Allied Sciences*, 2018, 7(3):49-55.

9. Mădălina – Andreea Robea, Mircea Nicoară, Gabriel Plavă, Ștefan – Andrian Strungaru, **Alin Ciobică**, Pain perception in zebrafish (*danio rerio*) : possible relevance for human neuropsychiatric studies, *Bulletin of Integrative Psychiatry*, 2018, 3, 27-35.

10. **A. Ciobica**, C. Honceriu , Al. Ciobica, D. Cojocaru, F. Trofin, R. Dobrin, Ioana Miruna Balmus, D.V.Timofte, Possible Relevance of Physical Exercising in Alzheimer's Disease and other Dementias, Med.Surg. J. –Rev. Med. Chir. Soc. Med. Nat., Iași –2018–vol. 122, no. 3, 444-452.

C.S. Radu Lefter

**ISI in extenso:**

1. Balmus IM, **Lefter R**, Ciobica A, Antioch I, Ababei D, Dobrin R. Preliminary Data on Some Behavioral Changes Induced by Short-Term Intraperitoneal Oxytocin Administration in Aged Rats. Psychiatr Danub. 2018 Mar; 30(1):91-98. IF 1.23

2. Balmus IM, Ciobica A, Stoica B, **Lefter R**, Cojocaru SI, Reznikov A: The Effects of Oxytocin Administration on the Oxidative Markers in the Temporal Lobe of Aged Rats, Neurophysiology, acceptat pentru publicare în 18 jan 2018. IF 0.207.

**3. Radu Lefter**, Alin Ciobica, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, Carol Stanciu, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, Neurophysiology, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277 IF 0.207.

4. Manuela Pădurariu, Miruna Balmuș, Alin Ciobîcă, **Radu Lefter**, Sabina Cojocaru, Iulia Antioch, Harquin Foyet, Romeo Dobrin, Daniela Carmen Ababei, Veronica Bild, Oxytocin Administration Improves Memory, Anxiety and some Oxidative Stress Parameters in a Methionine Induced Rat Model of Schizophrenia, FARMACIA, 2018, Vol. 66, 3, 421-431. IF 1, 5.

**5. Radu Lefter**, Alin Ciobica, Daniel Timofte, Daniela Ababei, Romeo Dobrin, Andrei Luca, Anca Trifan, Carol Stanciu, Catalin Sfarti, A new biological approach in generating an irritable bowel syndrome rat model -focusing on depression in sucrose splash test and body weight change, Romanian Biotechnological Letters, Vol. 23, No. x, 2018, DOI: 10.26327/RBL2018.208, IF 0.4.

## Cea mai importantă lucrare a fiecărui membru apărută în anul 2018

I. Prof. Carol Stanciu - . Portal Vein Thrombosis in Cirrhotic Patients - It Is always the Small Pieces That Make the Big Picture, Girleanu, I; Trifan, A; **Stanciu, C**; Sfarti, C; WORLD JOURNAL OF GASTROENTEROLOGY, Volume: 24 Issue: 39 Pages: 4419-4427, DOI: 10.3748/wjg.v24.i39.4419, Published: OCT 21 2018, IF 3,3

II. C.S. II Walther Bild -

III. C.S. III Veronica Bild - Oxytocin Administration Improves Memory, Anxiety and some Oxidative Stress Parameters in a Methionine-Induced Rat Model of Schizophrenia: Padurariu, M; Balmus, M; Ciobica, A ; Lefter, R ; Cojocaru, S; Antioch, I ; Foyet, H ; Dobrin, R; **Bild, V**; FARMACIA, Volume: 66, Issue: 3, Pages: 421-431, DOI: 10.31925/farmacia.2018.3.6; IF 1,507

IV. C.S. III Alin Ciobică - Radu Lefter, **Alin Ciobica**, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, Carol Stanciu, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, Neurophysiology, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277; IF 0.207.

V. C.S. Lefter Radu - Radu Lefter, **Alin Ciobica**, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, Carol Stanciu, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, Neurophysiology, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277; IF 0.207.

2. Institute/centre de cercetare. Domenii de cercetare. Programe fundamentale (dacă este cazul). Programe prioritare (dacă este cazul).

Centrul de Cercetări Biomedicale

Domenii de Cercetare - Biomedicale

Program de cercetare - Relevanța modificărilor patofiziologice în unele boli neuropsihiatrice și gastrointestinale.

### 3. Resurse umane:

Nr. cercet.	Cond. doc.	Dr.	Drd.	Post-Doc
5	4	5	-	-

4. Activități de formare a tinerilor cercetători: doctoranzi, post-doctoranzi. NU

5. Infrastructură de cercetare nouă achiziționată/completată în anul 2018: biblioteca de specialitate, echipamente de cercetare (cu valori peste 10k Euro) etc. NU

6. Rezultatele cercetării desfășurate în anul 2018

#### Articole publicate

Reviste ISI în străinătate – 10

Reviste ISI România – 8

Reviste România B+ - 12

### 7. Realizări excelente obținute în anul 2018

Portal vein thrombosis in cirrhotic patients - it is always the small pieces that make the big picture, Girleanu, I; Trifan, A; **Stanciu, C**; Sfarti, C; WORLD JOURNAL OF GASTROENTEROLOGY, Volume: 24 Issue: 39 Pages: 4419-4427, DOI: 10.3748/wjg.v24.i39.4419, Published: OCT 21 2018. IF 3, 3

Oxytocin Administration Improves Memory, Anxiety and some Oxidative Stress Parameters in a Methionine-Induced Rat Model of Schizophreniab: Padurariu, M; Balmus, M; Ciobica, A; Lefter, R; Cojocar, S; Antioch, I; Foyet, H; Dobrin, R; **Bild, V**; FARMACIA, Volume: 66, Issue: 3, Pages: 421-431, DOI: 10.31925/farmacia.2018.3.6; IF 1,507

**Radu Lefter, Alin Ciobica**, Samson Guenne, Moussa Compaore, Martin Kiendrebeogo, Carol Stanciu, Anca Trifan, A Complex Behavioral Characterisation of a Rat Model of Irritable Bowel Syndrome generated by Chronic Stress Contention, Neurophysiology, 2018, Vol. 50, No. 4, (published online in November 2018), 266-277 IF 0,207

8. Premii internaționale/naționale, ale Academiei Române obținute de către cercetători (autori, lucrări premiate). NU
9. Cooperări științifice naționale și internaționale, inclusiv în cadrul proiectelor; vizitatori din străinătate. NU
10. Conferințe (simpozioane)/manifestări științifice organizate de Secție; conferințe (simpozioane)/manifestări științifice organizate de institutele/centrele coordonate.

### **Manifestări științifice organizate de Centrul de Cercetări Biomedicale**

Masa rotundă "Centenar - Contribuția medicinei românești la consolidarea statului român"

Prezentare Carol Stanciu, Anca Trifan – 100 de ani de la Marea Unire, 60 de ani de la înființarea Societății de Gastroenterologie

### 11. Granturi

**Grant/Membru în grant – Prof. C. Stanciu** – "Expert monitorizare regională programe formare și acțiuni screening hepatita C", în cadrul proiectului "LIVE (RO)1-Formarea personalului medical din România pentru screeningul populațional al infecțiilor cronice cu virusuri hepatice B/C/D, implementat în perioada 21.07.2018-22.11.2013 – Universitatea de Medicină și Farmacie „Gr. T. Popa” Iași.

### 12. Alte rezultate

#### **Citări ale articolelor anterioare în anul 2018:**

Prof. Carol Stanciu – 342

Walther Bild – 58

Veronica Bild – 26

Alin Ciobică – 333

Radu Lefter – 24

**Total Centru – 783 citări**

**Capitole carte:**

Capitole din cartea “Gastroenterologie și hepatologie clinica”, Editura Medicală, 2018, Anca Trifan, C. Gheorghe, D. Dumitrașcu, M. Diculescu, I. Sporea, M. Tanțău, T. Ciurea

Capitol - Bola de reflux gastroesofagian. Esofagul Barret – Cătălin Sfarti, Anca Trifan, **Carol Stanciu**

Capitol - Diverticuloza colonică – Anca Trifan, **Carol Stanciu**, Cătălin Vasilescu

Capitol - Encefalopatia hepatică – Anca Trifan, **Carol Stanciu**

Capitol - Stratificarea riscului, profilaxia primară, secundară și tratamentul hemoragiei digestive superioare variceale – Anca Trifan, Camelia Cojocariu, **Carol Stanciu**

Capitol - Sindromul hepatorenal – Camelia Cojocariu, **Carol Stanciu**, Anca Trifan

Coordonator Centru,

Prof. Carol Stanciu