

## Lista de lucrări

**Dr. Mocan Lavinia-Patricia,**

candidat pentru postul didactic de **asistent universitar** în cadrul Disciplinei de Anatomie Patologică, Universitatea de Medicină, Farmacie, Științe și Tehnologie

„George Emil Palade” Târgu Mureș

### **a) Lista celor 10 lucrări considerate cele mai relevante**

1. **Mocan, L. P.**, Grapă, C., Crăciun, R., Melincovici, C. S., Rusu, I., Al Hajjar, N., ... & Mihiu, C. M. (2023). PD-L1 expression on immune cells, but not on tumor cells, is a favorable prognostic factor for patients with intrahepatic cholangiocarcinoma. *Cancer Immunology, Immunotherapy*, 72(4), 1003-1014. ISSN: 0340-7004. FI: 5.25 (2023), Q1.
2. **Mocan, L. P.**, Crăciun, R., Grapă, C., Melincovici, C. S., Rusu, I., Al Hajjar, N., ... & Mihiu, C. M. (2023). The role of immunohistochemistry in the differential diagnosis between intrahepatic cholangiocarcinoma, hepatocellular carcinoma and liver metastasis, as well as its prognostic value. *Diagnostics*, 13(9), 1542. ISSN: 2075-4418. FI: 3.0 (2023), Q1.
3. **Mocan, L. P.**, Grapă, C., Crăciun, R., Pralea, I. E., Uifălean, A., Soporan, A. M., ... & Iuga, C. A. (2024). Unveiling novel serum biomarkers in intrahepatic cholangiocarcinoma: a pilot proteomic exploration. *Frontiers in Pharmacology*, 15, 1440985. ISSN: 1663-9812. FI: 4.40 (2024), Q1.
4. **Mocan, L. P.**, Ilieș, M., Melincovici, C. S., Spârchez, M., Crăciun, R., Nenu, I., ... & Mihiu, C. M. (2022). Novel approaches in search for biomarkers of cholangiocarcinoma. *World Journal of Gastroenterology*, 28(15), 1508. ISSN: 1007-9327. FI: 5.37 (2022), Q1.
5. Salzmann, R. J., Mocan, T., Willms, A. G., Klein, A., Schwab, R., Mois, E., Grapa, C., **Mocan, L.P.**, ... & Kornek, M. T. (2026). AI-guided additive scoring model for differential diagnosis of primary liver cancer. *JHEP Reports*, 101826. ISSN: 2589-5559. FI: 7.50 (2026), Q1.
6. Grapă, C., Mocan, T., **Mocan, L. P.**, Motofelea, A., Stănciulescu, R., Crăciun, R., ... & Mocan, T. (2025). Turning the Tide—Artificial Intelligence in the Evolving Landscape of Liver Cancer. *Cancers*, 17(18), 3003. ISSN: 2072-6694. FI: 4.40 (2025), Q1; autor corespondent.
7. Piekus-Słomka, N., **Mocan, L. P.**, Shkreli, R., Grapă, C., Denkiewicz, K., Wesolowska, O., ... & Mocan, T. (2023). Don't judge a book by its cover: the role of statins in liver cancer. *Cancers*, 15(20), 5100. ISSN: 2072-6694. FI: 4.50 (2023), Q1; prim-autor – contribuții egale.

8. Spârchez, Z., Crăciun, R., Nenu, I., **Mocan, L. P.**, Spârchez, M., & Mocan, T. (2023). Refining liver biopsy in hepatocellular carcinoma: an In-Depth exploration of shifting diagnostic and therapeutic applications. *Biomedicines*, 11(8), 2324. ISSN: 2227-9059. FI: 3.90 (2023), Q1.
9. Salzmann, R. J., Krötz, C., Mocan, T., **Mocan, L. P.**, Grapă, C., Rottmann, S., ... & Lukacs-Kornek, V. (2024). Increased type-I interferon level is associated with liver damage and fibrosis in primary sclerosing cholangitis. *Hepatology Communications*, 8(3), e0380. ISSN: 2471-254X. FI: 5.06 (2024), Q1.
10. Mocan, T., Ilies, M., Nenu, I., Crăciun, R., Horhat, A., Susa, R., Minciuna, I., Rusu, I., **Mocan, L.P.**, ... & Spârchez, Z. (2021). Serum levels of soluble programmed death-ligand 1 (sPD-L1): A possible biomarker in predicting post-treatment outcomes in patients with early hepatocellular carcinoma. *International Immunopharmacology*, 94, 107467. ISSN: 1567-5769. FI: 4.93 (2021), Q1.

#### **b) Teză de doctorat**

Titlu: „**Biomarkeri în patologia malignă de căi biliare**” / ***Biomarkers in malignant biliary tract tumors***

Anul susținerii: 2023

Conducător științific: Prof. dr. Carmen Mihaela Mihu

Instituția eliberatoare a diplomei de doctor: Universitatea de Medicină și Farmacie „Iuliu Hațieganu” din Cluj-Napoca

Calificativ: Excelent/Summa cum laude

#### **c) Cărți și capitole în cărți**

1. Mihu Carmen, Șuşman Sergiu, Șovrea Alina, Melincovici Carmen, Boşca Bianca, Mărginean Mariana, Constantin Anne-Marie, Jianu Mihaela, Coneac Andrei, Moldovan Ioana, **Mocan Lavinia**, Sufleţel Rada, Ştefan Roxana, Gheban Bogdan (autori). Onofrei Mădălin, Pascalău Tudor (colab.). *Special Histology. Diagnostic guide*. Editura Medicală Universitară "Iuliu Hațieganu", Cluj-Napoca, 2024. Pg 1-218. ISBN 978-606-075-288-2.
2. Jianu Elena Mihaela, Mihu Carmen Mihaela, Crişan Maria, Șovrea Alina, Șuşman Sergiu, Boşca Adina Bianca, Mărginean Mariana, Melincovici Carmen, Constantin Anne-Marie, Coneac Andrei, **Mocan Lavinia**, Moldovan Ioana, Sufleţel Rada. *Noţiuni Elementare de Histologie Generală şi Specială*. Editura Colorama, Cluj-Napoca, 2019. ISBN 978-606-9056-15-8. 204 pag.
3. Constantin Anne-Marie, Mihu Carmen, Crişan Maria, Șovrea Alina, Șuşman Sergiu, Boşca Bianca, Melincovici Carmen, Mărginean Mariana, Jianu Mihaela, Coneac Andrei, **Mocan Lavinia**. Colaboratori: Sufleţel Rada, Lupean Roxana. *Histologie Specială. Evaluare Semestrială*.

Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, 2019. ISBN 978-973-693-904-4. 166 pag.

4. Boșca Adina Bianca, Constantin Anne-Marie, Miha Carmen, Crișan Maria, Șușman Sergiu, Șovrea Alina, Mărginean Mariana, Melincovici Carmen, Jianu Mihaela, Moldovan Ioana, Coneac Andrei. Contributors: **Lavinia Mocan**, Rada Suflețel. Special Histology. Evaluation exercises. "Iuliu Hațieganu" Publishing House, Cluj-Napoca, 2018. ISBN 978-973-693-875-7. 160 pag.

5. Constantin Anne-Marie, Boșca Adina Bianca, Miha Carmen, Crișan Maria, Șușman Sergiu, Șovrea Alina, Mărginean Mariana, Melincovici Carmen, Jianu Mihaela, Moldovan Ioana, Coneac Andrei. Contributors: **Lavinia Mocan**, Rada Suflețel. General Histology. Evaluation exercises. Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, 2018. ISBN 978-973-693-867-2. 164 pag.

6. Constantin Anne-Marie, Miha Carmen, Crișan Maria, Șovrea Alina, Șușman Sergiu, Mărginean Mariana, Melincovici Carmen, Boșca Adina Bianca, Jianu Mihaela, Moldovan Ioana, Coneac Andrei. Colaboratori: **Lavinia Mocan**, Rada Suflețel. Histologie generală. Evaluare semestrială. Editura Medicală Universitară "Iuliu Hațieganu" Cluj-Napoca, 2018. ISBN 978-973-693-866-5. 150 pag.

#### **d) Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal**

##### **i. Articole în reviste cotate ISI**

1. Salzmann, R. J., Mocan, T., Willms, A. G., Klein, A., Schwab, R., Mois, E., Grapa, C., **Mocan, L.P.**, ... & Kornek, M. T. (2026). AI-guided additive scoring model for differential diagnosis of primary liver cancer. JHEP Reports, 101826. ISSN: 2589-5559. FI: 7.50 (2026), Q1.

2. Gheban, B. A., **Mocan, L. P.**, Boșca, A. B., Suflețel, R. T., Dronca, E., Jianu, M. E., ... & Șovrea, A. S. (2026). The Complex Path from Mammary Ductal Hyperplasia to Breast Cancer: Elevated Malignancy Risk in Atypical Forms. Biomedicines, 14(2), 349. ISSN: 2227-9059. FI: 3.90 (2026), Q1; autor corespondent.

3. Zahiu, T., Miha, C. M., Boșca, B. A., Mărginean, M., **Mocan, L. P.**, Ștefan, R. A., ... & Melincovici, C. S. (2025). Molecular insights into pleural mesothelioma: unveiling pathogenic mechanisms and therapeutic opportunities. Diagnostics, 15(11), 1323. ISSN: 2075-4418. FI: 3.30 (2025), Q1.

4. Mureșan, C. G., Mirică, I. C., Forray, A., Petrescu, N., Soritau, O., Gherman, L. M., Iusan, S.A.L., Vanea, E., Oprita, E., Condor, A., Aluas, M., Miha, C.M., Bosca, B. A., **Mocan, L.P.**, ... & Lucaciu, P. O. (2025). Vitamin D-Loaded Chitosan Nanostructures for Bone Regeneration: A

Combined In Vitro and In Vivo Evaluation in an Osteoporotic Rat Model. *Medicina*, 62(1), 73. ISSN: 1010-660X. FI: 2.60 (2025), Q1.

5. Jianu, E. M., Mihiu, C. M., Suflețel, R. T., Crivii, C. B., Constantin, A. M., **Mocan, L. P.**, ... & Șovrea, A. S. (2025). Short histological kaleidoscope—recent findings in histology. Part V. About tendons, ligaments, and cartilages. *Romanian Journal of Morphology and Embryology*, 66(2), 291. ISSN: 1220-0522. FI: 1.20 (2025), Q4.

6. Ilie-Ene, A., Tosa, V. P., Gherman, L. M., Hantig, L. M., Onofrei, M. M., **Mocan, L. P.**, ... & Dindelegan, G. C. (2025). In Vivo Biocompatibility Assessment of a Novel Cyanoacrylate–Polylactic Acid Hemostatic Patch. *Materials*, 18(15), 3581. ISSN: 1996-1944. FI: 3.10 (2025), Q2.

7. Grapă, C., Mocan, T., **Mocan, L. P.**, Motofelea, A., Stănciulescu, R., Crăciun, R., ... & Mocan, T. (2025). Turning the Tide—Artificial Intelligence in the Evolving Landscape of Liver Cancer. *Cancers*, 17(18), 3003. ISSN: 2072-6694. FI: 4.40 (2025), Q1; autor corespondent.

8. Bolunduț, A. C., Mureșan, X. M., Suflețel, R. T., **Mocan, L. P.**, Pîrv, S., Șuşman, S., & Mihiu, C. M. (2025). Placental Pathology and Placental Growth Factor (PIGF)/Vascular Endothelial Growth Factor Receptor-1 (VEGFR-1) Pathway Expression Evaluation in Fetal Congenital Heart Defects. *Life*, 15(6), 837. ISSN: 2075-1729. FI: 3.20 (2025), Q1.

9. Gherman, L. M., Jianu, E. M., Roșian, Ș. H., Onofrei, M. M., **Mocan, L. P.**, Chedea, V. S., ... & Pop, R. M. (2025). Blue Light Effect on Metabolic Changes in Induced Precocious Puberty in Rats. *Biology*, 14(8), 951. ISSN: 2079-7737. FI: 3.60 (2025), Q1.

10. Matei, L. I., Neag, M. A., **Mocan, L. P.**, Suflețel, R. T., Cuțaș, A., Onofrei, M. M., ... & Melincovici, C. S. (2024). The effects of radiofrequency electromagnetic radiation emitted by mobile phones on rat parotid gland histology—an experimental study. *European Review for Medical & Pharmacological Sciences*, 28(20). ISSN: 2284-0729. FI: 3.02 (2024), Q2.

11. **Mocan, L. P.**, Grapă, C., Crăciun, R., Pralea, I. E., Uifălean, A., Soporan, A. M., ... & Iuga, C. A. (2024). Unveiling novel serum biomarkers in intrahepatic cholangiocarcinoma: a pilot proteomic exploration. *Frontiers in Pharmacology*, 15, 1440985. ISSN: 1663-9812. FI: 4.40 (2024), Q1.

12. Pop, R. M., Gherman, L. M., Jianu, E. M., Roșian, Ș. H., Onofrei, M. M., **Mocan, L. P.**, ... & Buzoianu, A. D. (2024). Inflammation and oxidative stress processes in induced precocious puberty in rats. *Heliyon*, 10(24). ISSN: 2405-8440. FI: 4.00 (2024), Q1.

13. Salzmänn, R. J., Krötz, C., Mocan, T., **Mocan, L. P.**, Grapă, C., Rottmann, S., ... & Lukacs-Kornek, V. (2024). Increased type-I interferon level is associated with liver damage and fibrosis

in primary sclerosing cholangitis. *Hepatology Communications*, 8(3), e0380. ISSN: 2471-254X. FI: 5.06 (2024), Q1.

14. Suflețel, R. T., Mișu, C. M., Boșca, A. B., Melincovici, C. S., Mărginean, M. V., Jianu, E. M., **Mocan, L.P.**, ... & Șovrea, A. S. (2024). Short histological kaleidoscope—recent findings in histology. Part IV. *Romanian Journal of Morphology and Embryology*, 65(3), 377. ISSN: 1220-0522. FI: 1.20 (2024), Q4.

15. **Mocan, L. P.**, Crăciun, R., Grapă, C., Melincovici, C. S., Rusu, I., Al Hajjar, N., ... & Mișu, C. M. (2023). PD-L1 expression on immune cells, but not on tumor cells, is a favorable prognostic factor for patients with intrahepatic cholangiocarcinoma. *Cancer Immunology, Immunotherapy*, 72(4), 1003-1014. ISSN: 0340-7004. FI: 5.25 (2023), Q1.

16. **Mocan, L. P.**, Rusu, I., Melincovici, C. S., Boșca, B. A., Mocan, T., Crăciun, R., ... & Mișu, C. M. (2023). The role of immunohistochemistry in the differential diagnosis between intrahepatic cholangiocarcinoma, hepatocellular carcinoma and liver metastasis, as well as its prognostic value. *Diagnostics*, 13(9), 1542. ISSN: 2075-4418. FI: 3.00 (2023), Q1

17. Piekuș-Slômka, N., **Mocan, L. P.**, Shkreli, R., Grapă, C., Denkiwicz, K., Wesolowska, O., ... & Mocan, T. (2023). Don't judge a book by its cover: the role of statins in liver cancer. *Cancers*, 15(20), 5100. ISSN: 2072-6694. FI: 4.50 (2023), Q1; prim-autor – contribuții egale.

18. Spârchez, Z., Crăciun, R., Nenu, I., **Mocan, L. P.**, Spârchez, M., & Mocan, T. (2023). Refining liver biopsy in hepatocellular carcinoma: an In-Depth exploration of shifting diagnostic and therapeutic applications. *Biomedicines*, 11(8), 2324. ISSN: 2227-9059. FI: 3.90 (2023), Q1.

19. **Mocan, L. P.**, Ilieș, M., Melincovici, C. S., Spârchez, M., Crăciun, R., Nenu, I., ... & Mișu, C. M. (2022). Novel approaches in search for biomarkers of cholangiocarcinoma. *World Journal of Gastroenterology*, 28(15), 1508. ISSN: 1007-9327. FI: 5.37 (2022), Q1.

20. Crăciun, R., Mocan, T., Procopet, B., Nemeș, A., Tefăș, C., Spârchez, M., **Mocan, L.P.**, ... & Spârchez, Z. (2022). Pulmonary complications of portal hypertension: The overlooked decompensation. *World Journal of Clinical Cases*, 10(17), 5531. ISSN: 2307-8960. FI: 1.60 (2022), Q3.

21. Trică, O. C., **Mocan, L. P.**, & Boit-Trapcea, R. (2022). Mepolizumab is highly effective in a rare case of Wells syndrome: Eosinophilic granulomatosis with polyangiitis overlap. *Dermatologic Therapy*, 35(11). ISSN: 1396-0296. FI: 3.22 (2022), Q2.

22. Mocan, T., Stiuftuc, R., Popa, C., Nenu, I., Pestean, C., Nagy, A. L., **Mocan, L.P.**, ... & Spârchez, Z. (2021). Percutaneous ultrasound guided PEG-coated gold nanoparticles

enhanced radiofrequency ablation in liver. Scientific Reports, 11(1), 1316. ISSN: 2045-2322. FI: 4.996 (2021), Q1.

23. Mocan, T., Ilies, M., Nenu, I., Crăciun, R., Horhat, A., Susa, R., Minciuna, I., Rusu, I., **Mocan, L.P.**, ... & Spârchez, Z. (2021). Serum levels of soluble programmed death-ligand 1 (sPD-L1): A possible biomarker in predicting post-treatment outcomes in patients with early hepatocellular carcinoma. International Immunopharmacology, 94, 107467. ISSN: 1567-5769. FI: 4.93 (2021), Q1.

24. Spârchez, Z., Mocan, T., Hajjar, N. A., Bartoș, A., Hagi, C., Matei, D., Craciun, R., **Mocan, L.P.**, ... & Leucuța, D. C. (2019). Percutaneous ultrasound guided radiofrequency and microwave ablation in the treatment of hepatic metastases. A monocentric initial experience. Medical Ultrasonography, 21(3), 217-224. ISSN: 1844-4172. FI: 1.50 (2019), Q3.

25. Spârchez, Z., Mocan, T., Radu, P., **Mocan, L. P.**, Spârchez, M., Leucuța, D. C., & Al Hajjar, N. (2018). Prognostic factors after percutaneous radiofrequency ablation in the treatment of hepatocellular carcinoma. Impact of incomplete ablation on recurrence and overall survival rates. Journal of Gastrointestinal & Liver Diseases, 27(4). ISSN: 1841-8724. FI: 1.88 (2018), Q3.

26. Puie, N., **Trică, L. P.**, Nagy, G. A., Rusu, I., Șovrea, A. S., & Georgiu, C. (2017). Hemorrhagic polypoid gastric and colonic metastases nine years after uterine leiomyosarcoma-case report. Romanian Journal of Morphology and Embryology, 58(3), 1017-1022. ISSN: 1220-0522. FI: 0.83 (2017), Q4.

## **ii. Articole în reviste indexate BDI**

(Nu se aplică – toate articolele sunt publicate în reviste cotate ISI.)