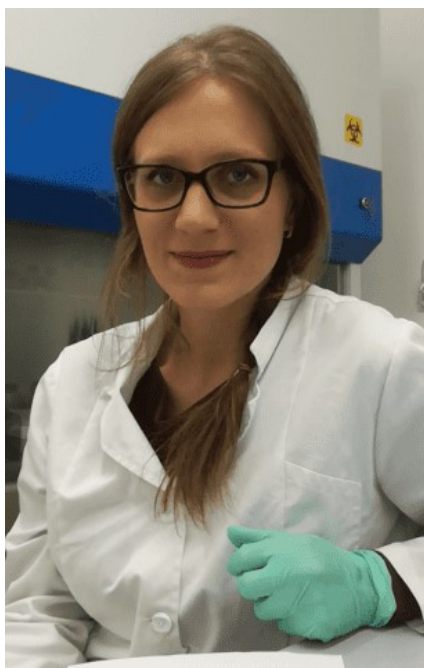


<http://news.doctorat.ubbcluj.ro/>

## **Doctoral School of Integrative Biology**

### **1. Doctor:**



**Nume prenume:** Patras Laura-Ioana

**e-mail:** [laura.patras@ubbcluj.ro](mailto:laura.patras@ubbcluj.ro)

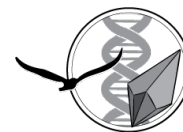
**2. Titlul tezei de doctorat:** Exploring the tumor-associated macrophages mediated resistance to anticancer therapies in colorectal cancer

**3. Conducator de doctorat:** Prof. dr. Elena Rakosy-Tican

**4. Subdomeniul in care este inclusa tema de doctorat:** Oncobiologie

### **5. Articole stiintifice selectate**

**Patras L**, Fens MHAM, Vader P, Barendrecht A, Sesarman A, Banciu M, Schiffelers R. Normoxic Tumour Extracellular Vesicles Modulate the Response of Hypoxic Cancer and Stromal Cells to Doxorubicin In Vitro. *Int J Mol Sci.* 2020 Aug 19;21(17):5951. doi: 10.3390/ijms21175951. PMID: 32824972; PMCID: PMC7503554.



**Patras L**, Banciu M. Intercellular Crosstalk Via Extracellular Vesicles in Tumor Milieu as Emerging Therapies for Cancer Progression. *Curr Pharm Des.* 2019;25(17):1980-2006. doi: 10.2174/1381612825666190701143845. PMID: 31267855.

**Patras L**, Sylvester B, Luput L, Sesarman A, Licarete E, Porfire A, Muntean D, Drotar DM, Rusu AD, Nagy AL, Catoi C, Tomuta I, Vlase L, Banciu M, Achim M. Liposomal prednisolone phosphate potentiates the antitumor activity of liposomal 5-fluorouracil in C26 murine colon carcinoma in vivo. *Cancer Biol Ther.* 2017 Aug 3;18(8):616-626. doi: 10.1080/15384047.2017.1345392. Epub 2017 Jul 11. PMID: 28696813; PMCID: PMC5653184.

**Patras L**, Sesarman A, Licarete E, Luca L, Alupei MC, Rakosy-Tican E, Banciu M. Dual role of macrophages in the response of C26 colon carcinoma cells to 5-fluorouracil administration. *Oncol Lett.* 2016 Aug;12(2):1183-1191. doi: 10.3892/ol.2016.4708. Epub 2016 Jun 13. PMID: 27446416; PMCID: PMC4950715.

Alupei MC, Licarete E, **Patras L**, Banciu M. Liposomal simvastatin inhibits tumor growth via targeting tumor-associated macrophages-mediated oxidative stress. *Cancer Lett.* 2015 Jan 28;356(2 Pt B):946-52. doi: 10.1016/j.canlet.2014.11.010. Epub 2014 Nov 11. PMID: 25444912.

**6. Participare la conferințe științifice internaționale și naționale** (autor/ii, titlul conferinței, anul, țara, link-ul)

Oral presentation: **Laura Patras**, Irina Matei, Doru Paul, David Lyden. “Al 4-lea Simpozion de Oncologie Translationala personalizata pentru combaterea cancerului” intitulat “Stop Cancer”, 17 Decembrie 2020, Romania.

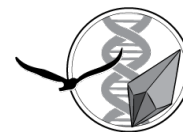
<https://www.stop-cancer-romania.ro/simpozion2020/program-stiintific-2020/>

Oral presentation: **Laura Patras**, Alina Sesarman, Alina Porfire, Valentin Florian Rauca, Renata Hajdu, Andreea Kosa, Lavinia Luput, Emilia Licarete, Manuela Banciu. Dual role of cancer-derived extracellular vesicles in the modulation of tumor microenvironment. The annual international conference of the Romanian Society of Biochemistry and Molecular Biology, 26-27 September, 2019, Iasi, Romania.

<http://www.bio.uaic.ro/srbbm/2019/>

Oral presentation: **Laura Patras**, Aura Ionescu, Cristian V.A. Munteanu, Paul Bulzu, Paul Chiroi, Ștefan Szedlaczek, Manuela Banciu. Identification of extracellular vesicles surface proteins and their interactors as new targets for nanomedicine and immunotherapy in cancer. The 12th International Conference and Workshop on Biological Biobarriers, 27-29 August, 2018, Saarbrücken, Germany.

<http://biobarriers.hips-wordpress.helmholtz-hzi.de/wp-content/uploads/sites/2/2017/07/BB18-ConfProgram-XXIV.pdf>



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Poster: **Laura Patras**, Emilia Licarete, Lavinia Luca, Alina Sesarman, Marius Alupei, Manuela Banciu, Tumor-associated macrophages-driven modulation of 5-fluorouracil effects on C26 colon carcinoma cells. EACR-AACR-SIC Special Conference: Anticancer Drug Action and Drug Resistance (EAS2015), 20-23 June, 2015, Florence, Italy.

EAS2015 Proceedings book, p.78, poster number 221.

[https://www.aacr.org/wp-content/uploads/2020/01/EACR-AACR-SIC15\\_Italy\\_AbstractTitles.pdf](https://www.aacr.org/wp-content/uploads/2020/01/EACR-AACR-SIC15_Italy_AbstractTitles.pdf)

**Google scholar (link-ul):** [https://scholar.google.ro/citations?user=Plh\\_GVcAAAAJ&hl=en](https://scholar.google.ro/citations?user=Plh_GVcAAAAJ&hl=en)

**Cont pe Researchgate:** [https://www.researchgate.net/profile/Laura\\_Ioana3](https://www.researchgate.net/profile/Laura_Ioana3)

**Data:** 28/01/2021

**Semnătură:** Patras Laura-Ioana