

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

Doctoral School of Integrative Biology

1. PhD Student:

Photo

Name: LUPUȚ First name: LAVINIA

e-mail: lavinia_luk@yahoo.com



2. Doctorate

2.1. PhD thesis title: Targeting of the Protumor Microenvironmental Processes by Liposomal Simvastatin-based Treatments in Colorectal Cancer

2.2. PhD coordinator: prof. dr. NICOLAE DRAGOȘ

2.3. Date of PhD thesis defense (link from site): <https://doctorat.ubbcluj.ro/ro/sustinerile-publice-ale-tezelor-de-doctorat/?an=2019&luna=6&facultate=4&domeniu=0>

2.4. Grade: Excellent/Summa Cum Laude

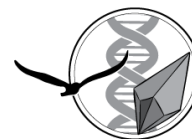
3. Scientific articles published in:

3.1. Impact factor journals (IF, AIS):

3.1.1. **Luput L**, Sesarman A., Porfire A., Achim M., Muntean D., Casian T., Patras L., Rauca V.F., Drotar D.M., Stejerean I., Tomuta I., Vlase L., Dragos N., Toma V.A., Licarete E., Banciu M., (2020). Liposomal simvastatin sensitizes C26 murine colon carcinoma to the antitumor effects of liposomal 5-fluorouracil *in vivo*. *Cancer Science*, 111(4):1344-1356, doi: [10.1111/cas.14312](https://doi.org/10.1111/cas.14312); **IF2019-2020**:4.966; **AIS2020**:1.117

3.1.2. **Luput L**, Licarete E., Drotar D.M., Nagy A., Sesarman A., Patras L., Rauca V.F., Porfire A., Muntean D., Achim M., Tomuta I., Vlase L., Catoi C., Dragos N., Banciu M., (2018). *In vivo* double targeting of C26 colon carcinoma cells and microenvironmental protumor processes using liposomal simvastatin. *Journal of Cancer*, 111(4):1344-1356, doi:[10.7150/jca.21560](https://doi.org/10.7150/jca.21560); **IF2018**:3.182; **AIS2018**:0.662

3.1.3. **Luput L**, Licarete E., Sesarman A., Patras L., Alupei M.C., Banciu M., (2017). Tumor-associated macrophages favor C26 murine colon carcinoma cell proliferation in an



oxidative stress-dependent manner. *Oncology reports*, 37(4):2472-2480, doi: 10.3892/or.2017.5466; **IF2016-2017**:2.662; **AI2016**:0.503

4. Scientific conferences/symposia (please mention the author/s, title of the conference/symposium, year, country, link)

4.1. International:

4.1.1. Luput L, Licarete E, Sesarman A, Rauca VF, Patras L, Porfire A, Muntean D, Achim M, Tomuta I, Vlase L, Banciu M, Novel therapies based on long-circulating liposomal simvastatin in colorectal cancer, Proceedings of the 24th World Congress on Advances in Oncology & 24th International Symposium on Molecular medicine, October 10-12, 2019, Mystras, Sparta, Greece, International Journal of Molecular Medicine, vol. 44, Supplement 1, p.189_OP189. (Invited speaker) https://www.spandidos-publications.com/var/abstract_book_2019.pdf

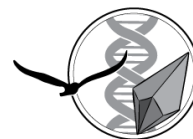
4.2. National:

4.2.1. Luput L, Licarete E, Drotar DM, Nagy AL, Sesarman A, Patras L, Rauca VF, Porfire A, Muntean D, Achim M, Tomuta I, Vlase L, Banciu M. Efficacy of the liposomal simvastatin in the colon carcinoma treatment approach. The Annual International Conference of the Romanian Society for Biochemistry and Molecular Biology, 8-9th June 2017, Timișoara, România. Book of abstracts: New Frontiers in Chemistry, 26(2), p. S2_OP7. (Oral presentation) http://newfrontchem.iqstorm.ro/upload/XYZ-NFC-26-2_All-in-All.pdf

4.2.2. Luput L, Licarete E., Rauca V.F., Sesarman A., Patras L., Casian T., Drotar D.M., Porfire A., Muntean D., Achim M., Tomuta I., Vlase L., Banciu M., Antitumor effects of combined therapy based on the administration of liposomal 5-fluorouracil and liposomal simvastatin on C26 colon carcinoma *in vivo*. RSBMB International Conference, 18-20 April 2018, Bucharest, Romania. Romanian Journal of Biochemistry, poster number 32. (Poster presentation)

4.2.3. Luca L, Licarete E., Sesarman A., Patras L., Banciu M., TAMs induced oxidative stress sustain protumor processes in C26 colon carcinoma cell. International Symposium “Young Researchers in BioSciences”, 22-26 July 2015, Cluj-Napoca, Romania. Abstract book, p. 16. (Oral presentation)

4.2.4. Luca L, Licarete E., Sesarman A., Patras L., Banciu M., NADPH-Oxidsase – key-player in maintaining the oxidative stress induced by tumor-associated macrophages co-cultivated with C26 murine colon carcinoma cells. International Conference of the Romanian Society of Biochemistry and Molecular Biology, 17-18 September 2015,



Bucharest, Romania, Book of abstract RSBMB International Conference 2015, p. 90.
(Poster presentation).

4.2.5. Luca L, Licarete E., Sesarman A., Patras L., Banciu M., Molecular mechanisms of oxidative stress induced by interaction between tumor-associated macrophages and C26 murine colon carcinoma cell. 7th National Congress with International Participation and 33rd Annual Scientific Session of Romanian Society for Cell Biology, 11-14 June, 2015, Baia Mare, Romania. Buletin of Romanian Society for Cell Biology, 43, p. 133. (Poster presentation)

5. Projects/Grants:

5.1. Scientific projects/grants:

5.2.1. CNCS – UEFISCDI, project number PN-II-PT-PCCA-2011-3-2-1060, contract number 95/2012 within PNCIDI-II

5.2.2. CNCS – UEFISCDI, project number PN-II-RU-TE-2014-4-1191, contract number 235/2015 within PNCIDI-II

5.2.3. CNCS – UEFISCDI, and project number PN-III-P4-ID-PCE-2016-0342, contract number 91/2017 within PNCIDI-III

5.2.4. Sectorial Operational Program for Human Resources Development 2007-2013, co-financed by the European Social Fund (project POSDRU/187/1.5/S/155383 - ‘Quality, Excellence, Transnational Mobility in Doctoral Research’).

6. Visibility (links):

6.1. Google Scholar: <https://scholar.google.ro/citations?user=t56BFzMAAAAJ&hl=ro>

6.2. ResearchGate: https://www.researchgate.net/profile/Lavinia_Luput

6.4. Brainmap: <https://www.brainmap.ro/lavinia-luput>

Date: 05.02.2021

Signature