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Tematici de interes în cercetare:

- Biochimie și Biologie Moleculară
- Biologia și terapia cancerului, stresul oxidativ

Publicații recente

1. Patras L., Sylvester B., Luput L., Sesarman A., Licarete E., Porfire A., Muntean D., Drotar D.M., Rusu A.D., Nagy A.L., Catoi C., Tomuta I., Vlase L., Banciu M., Achim M. (2017) Liposomal prednisolone phosphate potentiates the antitumor activity of liposomal 5-fluorouracil in C26 murine colon carcinoma in vivo. *Cancer Biology & Therapy*, 18(8):616-626.
2. Patras L., Sesarman A., Licarete E., Luca L., Alupei M.C., Rakosy-Tican E., Banciu M. (2016) Dual role of macrophages in the response of C26 colon carcinoma cells to 5-fluorouracil administration. *Oncology Letters*, 12(2):1183-1191.
3. Alupei M.C., Licarete E., Patras L., Banciu M. (2015) Liposomal simvastatin inhibits tumor growth via targeting tumor-associated macrophages-mediated oxidative stress. *Cancer Letters*, 356:946-952.
4. Sesarman A., Tefas L., Sylvester B., Licarete E., Rauca V.F., Luput L., Patras L., Banciu M. (2017) Anti-angiogenic and anti-inflammatory effects of long-circulating liposomes co-encapsulating curcumin and doxorubicin on C26 murine colon cancer cells. *Pharmacological reports*. Accepted manuscript. DOI: 10.1016/j.pharep.2017.10.004.

5. Vágási C.I., Pătraș L., Pap P.L., Vincze O., Mureșan C., Németh J., et al. (2018) Experimental increase in baseline corticosterone level reduces oxidative damage and enhances innate immune response. *PLoS ONE*, 13(2):e0192701.

Linkuri web de interes:

- ***Pagina web personala***
https://www.researchgate.net/profile/Laura_Ioana3