Supplementary Materials

α-Conotoxins Enhance both the In Vivo Suppression of Ehrlich carcinoma Growth and In Vitro Reduction in Cell Viability Elicited by Cyclooxygenase and Lipoxygenase Inhibitors

Alexey V. Osipov ¹, Tatiana I. Terpinskaya ², Tatsiana Yanchanka ², Tatjana Balashevich ², Maxim N. Zhmak ¹, Victor I. Tsetlin ¹ and Yuri N. Utkin ^{1*}

- ¹ Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russian Academy of Sciences, ul. Miklukho-Maklaya 16/10, Moscow 117997, Russia; <u>osipov-av@ya.ru (A.V.O.)</u>; <u>mzhmak@gmail.com(M.N.Z.)</u>; <u>victortsetlin3f@gmail.com (V.I.T.)</u>
- ² Institute of Physiology, National Academy of Sciences of Belarus, ul. Akademicheskaya, 28, Minsk 220072, Belarus; terpinskayat@mail.ru (T.I.T); tanyaya190@gmail.com (T.Y.); tbalashevich@bk.ru (T.B.)
- * Correspondence: utkin@mx.ibch.ru; yutkin@yandex.ru; Tel: +7 495 3366522

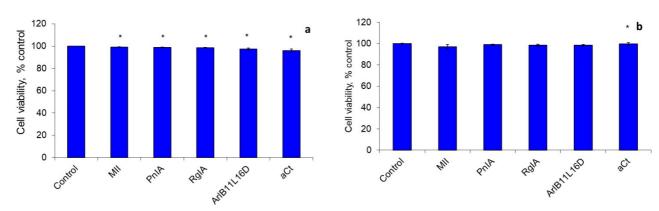


Figure 1. The effect of nAChR blockers on the viability of EAC cells in 24 h, n = 55 (a) and 48 h, n = 45 (b) in vitro; * P < 0.05 when compared with control. aCt here and below is α -cobratoxin.

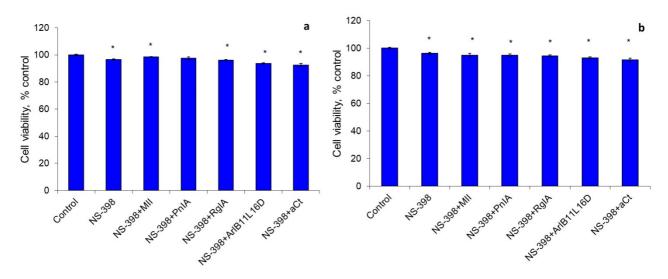


Figure 2. The effect of NS-398 and nAChR blockers on the viability of EAC cells in 24 h and 48 h (b) in vitro; * P < 0.05 when compared with control.

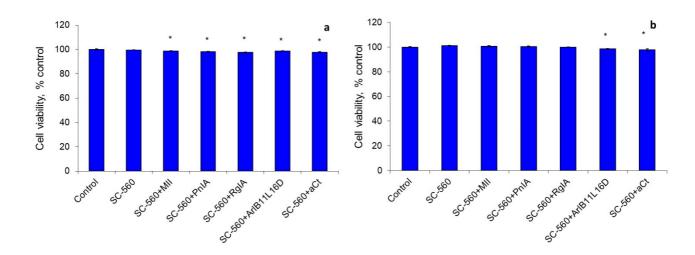


Figure 3. The effect of SC-560 and nAChR blockers on the viability of EAC cells in 24 h and 48 h (b) in vitro; * P < 0.05 when compared with control.

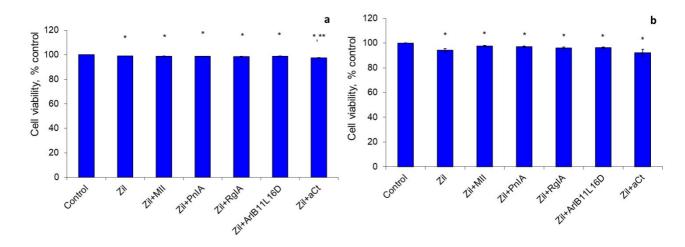


Figure 4. The effect of zileuton (Zil) and nAChR blockers on the viability of EAC cells in 24 h, n = 25 (a) and 48 h, n = 20 (b) in vitro; * P < 0.05 when compared with control; ** P < 0.05 when compared with the series " Zil ".