CURRICULUM VITAE

Date personale:

Nume, Prenume: Kiss Eva

Titlu academic: Conferențiar universitar

Departament: M1

Disciplină: Biologie Celulară și Moleculară

E-mail instituțional: eva.kiss@umfst.ro

Domenii de interes:

Boala Alzheimer, amiloidogeneză, sinapse inhibitorii, neurogeneza adultă

Activitate de cercetare:

1. Proiecte de cercetare

- "Rolul proteinei gephyrin in patogeneza bolii Alzheimer" PN-III-P4-ID-PCE-2016-0052
- „Studii privind mecanismele de acțiune ale artemisininelor în boala Alzheimer cu focus special asupra modulării neurogenezei hipocampale adulte" PN-III-P4-PCE-2021-1089

2. Lucrări publicate *in extenso*

1st **Kiss E**, Kins S, Gorgas K, Venczel Szakács KH, Kirsch J, Kuhse J. Another Use for a Proven Drug: Experimental Evidence for the Potential of Artemisinin and Its Derivatives to Treat Alzheimer's Disease. Int J Mol Sci. 2024 Apr 9;25(8):4165. doi: 10.3390/ijms25084165.

2nd **Kiss E**, Kins S, Gorgas K, Orlik M, Fischer C, Endres K, Schlicksupp A, Kirsch J, Kuhse J. Artemisinin-treatment in pre-symptomatic APP-PS1 mice increases gephyrin phosphorylation at Ser270: a modification regulating postsynaptic $GABA_AR$ density. Biol Chem. 2021 Apr 20;403(1):73-87. doi: 10.1515/hsz-2021-0153.

3rd **Kiss E**, Kins S, Zöller Y, Schilling S, Gorgas K, Groß D, Schlicksupp A, Rosner R, Kirsch J, Kuhse J. Artesunate restores the levels of inhibitory synapse proteins and reduces amyloid-β and C-terminal fragments (CTFs) of the amyloid precursor protein in an AD-mouse model. Mol Cell Neurosci. 2021 Jun;113:103624. doi: 10.1016/j.mcn.2021

4th **Kiss E**, Groeneweg F, Gorgas K, Schlicksupp A, Kins S, Kirsch J, Kuhse J. Amyloid-β Fosters p35/CDK5 Signaling Contributing to Changes of Inhibitory Synapses in Early Stages of Cerebral Amyloidosis. J Alzheimers Dis. 2020;74(4):1167-1187. doi: 10.3233/JAD-190976.

5th Hollnagel JO, Elzoheiry S, Gorgas K, Kins S, Beretta CA, Kirsch J, Kuhse J, Kann O, **Kiss E**. Early alterations in hippocampal perisomatic GABAergic synapses and network oscillations in a mouse model of Alzheimer's disease amyloidosis. PLoS One. 2019 Jan 15;14(1):e0209228. doi: 10.1371/journal.pone.0209228.