

ZSOLT LIPOSITS



Institute of Experimental Medicine
Endocrine Neurobiology Research Team

Address: Szigony u. 43., H-1083 Budapest, Hungary

RESEARCH AREA

Neuronal and hormonal regulation of reproduction.

TECHNIQUES AVAILABLE IN THE LAB

Functional neuroanatomical techniques, molecular biological tools, patch-clamp electrophysiology.

SELECTED PUBLICATIONS

Balint, F., Csillag, V., Vastagh, C., **Liposits, Z.**, and Farkas, I. (2021) Insulin-like growth factor 1 (IGF-1) increases GABAergic neurotransmission to GnRH neurons via suppressing the retrograde tonic endocannabinoid signaling pathway in mice. **Neuroendocrinology** **111**: 1219–1230.

Vastagh, C., Farkas, I., Scott, M.M., and **Liposits, Z.** (2021) Networking of glucagon-like peptide-1 axons with GnRH neurons in the basal forebrain of male mice revealed by 3DISCO-based immunocytochemistry and optogenetics. **Brain Structure & Function** **226**: 105–120.

Bake, T., Le May, M.V., Edvardsson, C.E., Vogel, H., Bergström, U., Albers, M.N., Skibicka, K.P., Farkas, I., **Liposits, Z.** and Dickson, S.L. (2020) Ghrelin Receptor Stimulation of the Lateral Parabrachial Nucleus in Rats Increases Food Intake but not Food Motivation. **Obesity** **28**: 1503–1511.

Leiszter, K., Galamb, O., Kalmár, A., Zsigrai, S., Valcz, G., Szigeti, K.A., Barták, B.K., Nagy, Z.B., Dank, M., **Liposits, Z.**, Igaz, P., Tulassay, Z. and Molnár, B. (2020) Az ösztrogének lehetséges szerepe a vastagbélbetegségek kialakulásában. **Orvosi Hetilap** **161**: 532–543.

Balla, B., Sárvári, M., Kósa, J.P., Kocsis-Deák, B., Tobiás, B., Árvai, K., Takács, I., Podani, J., **Liposits, Z.** and Lakatos, P. (2019) Long-term selective estrogen receptor-beta agonist treatment modulates gene expression in bone and bone marrow of ovariectomized rats. **Journal of Steroid Biochemistry and Molecular Biology** **188**: 185–194.