

Publications

Mohammad H, Senol E, Graf M, Lee CY, Wang M, **Luo XS**, Augustine GJ, Fu Y. (2021) A neural circuit for excessive feeding driven by environmental context. (revised)

Regulation of feeding by somatostatin neurons in the tuberal nucleus.

Luo SX, Huang J, Li Q, Mohammad H, Lee CY, Krishna K, Kok AM, Tan YL, Lim JY, Li H, Yeow LY, Sun J, He M, Granjean J, Sajikuma S, Han W, Fu Y.

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*Perspective by Diano S. A new brain circuit in feeding control. (2018)

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TGF- β signaling in dopaminergic neurons regulates dendritic growth, excitatory-inhibitory synaptic balance, and reversal learning.

Luo SX, Timbang L, Kim JI, Shang Y, Sandoval K, Tang AA, Whistler JL, Ding JB, Huang EJ.

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Dopaminergic Neurons and Brain Reward Pathways: From Neurogenesis to Circuit Assembly.

Luo SX, Huang EJ.

Am J Pathol. 2016 Mar;186(3):478-88.

Aldehyde dehydrogenase 1a1 mediates a GABA synthesis pathway in midbrain dopaminergic neurons.

Kim JI, Ganesan S, **Luo SX**, Wu YW, Park E, Huang EJ, Chen L, Ding JB.

Science. 2015 Oct 2;350(6256):102-6.

Temporal and Spatial requirement for Smoothed in Ventral Midbrain Development.

Tang M, **Luo SX**, Tang V, Huang EJ.

Neural Dev. 2013 Apr 26;8:8.

Interactions of Wnt/ β -catenin signaling and sonic hedgehog regulate the neurogenesis of ventral midbrain dopamine neurons.