



PRECISIONARY

REFERENCES FOR CHICK

All of these **peer-reviewed publications** have used the Compresstome® for successful tissue slices. If you have any questions, please contact us:

www.precisionary.com

E-mail: info@precisionary.com

Phone: 617-683-0586

References

1. Bryson KJ, Garrido D, Esposito M, McLachlan G, Digard P, Schouler C, Guabiraba R, Trapp S, Vervelde L. Precision cut lung slices: a novel versatile tool to examine host-pathogen interaction in the chicken lung. *Vet Res.* 2020 Jan 10;51(1):2. PMID: 31924278; PMCID: PMC6954617.
2. Garrido-Charad F, Vega-Zuniga T, Gutiérrez-Ibáñez C, Fernandez P, López-Jury L, González-Cabrera C, Karten HJ, Luksch H, Marín GJ. "Shepherd's crook" neurons drive and synchronize the enhancing and suppressive mechanisms of the midbrain stimulus selection network. *Proc Natl Acad Sci U S A.* 2018 Aug 7;115(32):E7615-E7623. Epub 2018 Jul 19. PMID: 30026198; PMCID: PMC6094151.
3. Kettler L, Sid H, Schaub C, Lischka K, Klinger R, Moser M, Schusser B, Luksch H. AP-2δ Expression Kinetics in Multimodal Networks in the Developing Chicken Midbrain. *Front Neural Circuits.* 2021 Oct 21;15:756184. PMID: 34744640; PMCID: PMC8568317.
4. Kloos M, Weigel S, Luksch H. Anatomy and Physiology of Neurons in Layer 9 of the Chicken Optic Tectum. *Front Neural Circuits.* 2019 Oct 14;13:63. PMID: 31680877; PMCID: PMC6802604.
5. Lischka K, Yan J, Weigel S, Luksch H. Effects of early eye removal on the morphology of a multisensory neuron in the chicken optic tectum. *Brain Res.* 2018 Jul 15;1691:9-14. Epub 2018 Apr 20. PMID:29680273.
6. Meyer U, Shao J, Chakrabarty S, Brandt SF, Luksch H, Wessel R. Distributed delays stabilize neural feedback systems. *Biol Cybern.* 2008 Jul;99(1):79-87. Epub 2008 Jun 4. PMID: 18523798.

7. Niederleitner B, Luksch H. Neuronal morphology in subdivisions of the inferior colliculus of chicken (*Gallus gallus*). *J Chem Neuroanat*. 2012 May;44(1):24-33. Epub 2012 Apr 13. PMID: 22525356.
8. Niederleitner B, Gutierrez-Ibanez C, Krabichler Q, Weigel S, Luksch H. A novel relay nucleus between the inferior colliculus and the optic tectum in the chicken (*Gallus gallus*). *J Comp Neurol*. 2017 Feb 15;525(3):513-534. Epub 2016 Aug 2. PMID: 27434677.
9. Shao J, Lai D, Meyer U, Luksch H, Wessel R. Generating oscillatory bursts from a network of regular spiking neurons without inhibition. *J Comput Neurosci*. 2009 Dec;27(3):591-606. Epub 2009 Jul 2. PMID: 19572191; PMCID: PMC2860425.
10. Vega-Zuniga T, Mpodozis J, Karten HJ, Marín G, Hain S, Luksch H. Morphology, projection pattern, and neurochemical identity of Cajal's "centrifugal neurons": the cells of origin of the tectoventrogeniculate pathway in pigeon (*Columba livia*) and chicken (*Gallus gallus*). *J Comp Neurol*. 2014 Jul 1;522(10):2377-96. PMID: 24435811; PMCID: PMC4011500.
11. Vega-Zuniga T, Marín G, González-Cabrera C, Planitscher E, Hartmann A, Marks V, Mpodozis J, Luksch H. Microconnectomics of the pretectum and ventral thalamus in the chicken (*Gallus gallus*). *J Comp Neurol*. 2016 Aug 1;524(11):2208-29. Epub 2015 Dec 23. PMID: 26659271.
12. Vega-Zuniga T, Trost D, Schicker K, Bogner EM, Luksch H. The Medial Ventrothalamic Circuitry: Cells Implicated in a Bimodal Network. *Front Neural Circuits*. 2018 Feb 9;12:9. PMID: 29479309; PMCID: PMC5812298.
13. Weigel S, Luksch H. Spatiotemporal analysis of electrically evoked activity in the chicken optic tectum: a VSDI study. *J Neurophysiol*. 2012 Jan;107(2):640-8. Epub 2011 Oct 26. PMID: 22031774.