

Publications

1. Books

- Heinbockel T** (ed) (2024) *Cell Communication and Signaling in Health and Disease*. ISBN: 978-0-85014-481-9, 978-0-85014-480-2 (Print), 978-0-85014-482-6 (eBook, PDF). London, United Kingdom: IntechOpen, 200 pp. <http://dx.doi.org/10.5772/intechopen.114508>. Available at: <http://www.intechopen.com/books/cell-communication-and-signaling-in-health-and-disease>
- Heinbockel T** (ed) (2024) *Learning and Memory – From Molecules and Cells to Mind and Behavior*. ISBN: 978-1-83769-862-2, 978-1-83769-863-9 (e-book). London, United Kingdom: IntechOpen, 124 pp. <http://dx.doi.org/10.5772/intechopen.1000300>. Available at: <https://www.intechopen.com/books/1002527>
- Heinbockel T** (ed) (2023) *Acetylcholine – Recent Advances and New Perspectives*. ISBN: 978-1-80355-598-0, 978-1-80355-599-7 (e-book). London, United Kingdom: IntechOpen, 150 pp. <http://dx.doi.org/10.5772/intechopen.106304>. Available at: <http://www.intechopen.com/books/acetylcholine-recent-advances-and-new-perspectives>
- Heinbockel T** (ed) (2022) *Neurophysiology – Networks, Plasticity, Pathophysiology, and Behavior*. ISBN: 978-1-80356-069-4, ISBN: 978-1-80356-069-4, eBook (PDF) ISBN: 978-1-80356-070-0. London, United Kingdom: IntechOpen, 286 pp. Available at: <https://www.intechopen.com/books/11742>
- Heinbockel T**, Weissert R (eds) (2022) *COVID-19, Neuroimmunology and Neural Function*. ISBN: 978-1-80355-031-2, Print ISBN 978-1-80355-030-5, E-Book (PDF) ISBN 978-1-80355-032-9. London, United Kingdom: IntechOpen, 134 pp. <https://doi.org/10.5772/intechopen.95199> <http://www.intechopen.com/books/covid-19-neuroimmunology-and-neural-function>
- Anwar M, Farooq Z, Rather RA, Tauseef M, **Heinbockel, T** (eds) (2022) *Epigenetics to Optogenetics - A New Paradigm in the Study of Biology*. ISBN: 978-1-83881-123-5, Print ISBN 978-1-83880-993-5, E-Book (PDF) ISBN 978-1-83881-124-2. London, United Kingdom: IntechOpen, 176 pages. Available at: <https://www.intechopen.com/books/9672>
- Heinbockel T**, Zhou Y (eds) (2021) *Connectivity and Functional Specialization in the Brain*. ISBN 978-1-83962-797-2. London, United Kingdom: IntechOpen, 162 pages. Available at: <http://www.intechopen.com/books/connectivity-and-functional-specialization-in-the-brain>
- Heinbockel T**, Gendeh BS (eds) (2020) *Sino-Nasal and Olfactory System Disorders*. ISBN: 978-1-83880-951-5. London, United Kingdom: IntechOpen, 201 pages. Available at: <https://www.intechopen.com/books/sino-nasal-and-olfactory-system-disorders>
- Heinbockel T**, Csoka AB (eds) (2019) *Neurochemical Basis of Brain Function and Dysfunction*. ISBN: 978-1-78985-999-7. London, United Kingdom: IntechOpen, 166 pages. Available at: <https://www.intechopen.com/books/neurochemical-basis-of-brain-function-and-dysfunction>

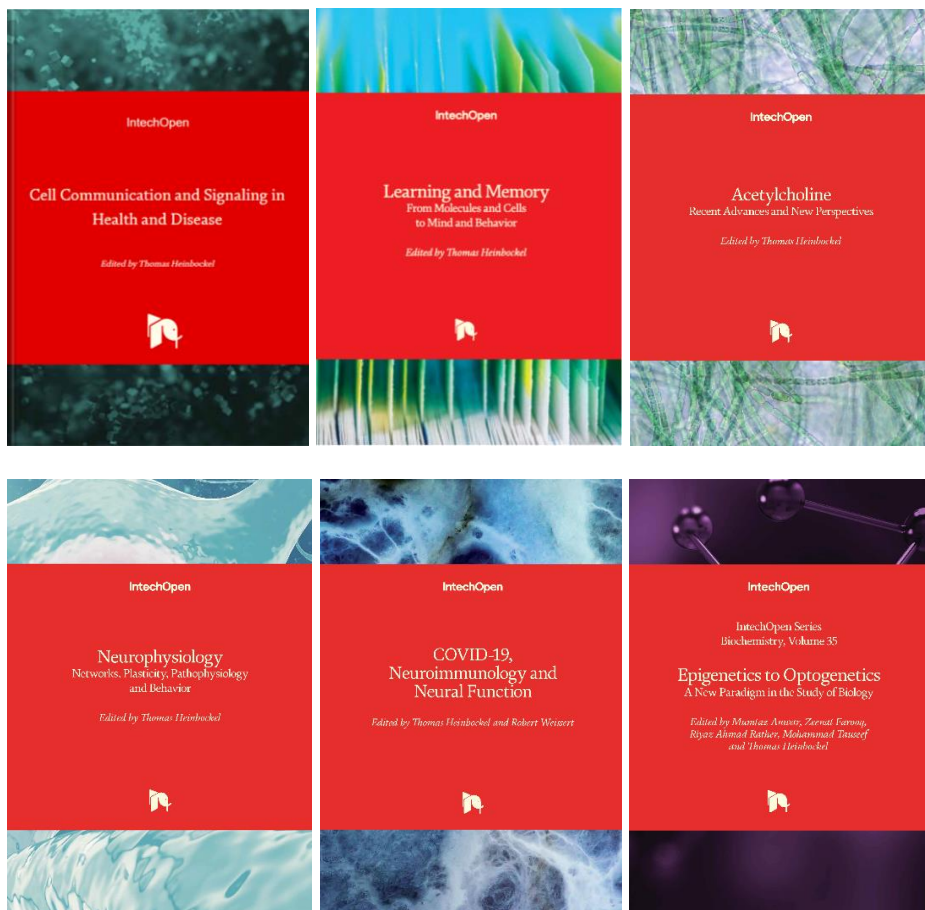
Heinbockel T, Shields VDC (eds) (2019) *Histology*. ISBN: 978-1-78984-971-4. London, United Kingdom: IntechOpen, 135 pages. Available at: <https://www.intechopen.com/books/histology>

Heinbockel T (ed) (2018) *Sensory Nervous System*. ISBN: 978-1-78923-359-9. London, United Kingdom: IntechOpen, 160 pages. Available at: <https://www.intechopen.com/books/sensory-nervous-system>

Heinbockel T (ed) (2017) *Synaptic Plasticity*. ISBN 978-953-51-3234-9. Rijeka, Croatia: IntechOpen, 220 pages. Available at: <https://www.intechopen.com/books/synaptic-plasticity/>

Heinbockel T (ed) (2014) *Neurochemistry*. ISBN 978-953-51-1237-2. Rijeka, Croatia: IntechOpen, 414 pages. Available at: <http://www.intechopen.com/books/neurochemistry>

Heinbockel T (ed) (2012) *Neuroscience*. ISBN 978-953-51-0617-3. Rijeka, Croatia: IntechOpen, 138 pages. Available at: <http://www.intechopen.com/books/neuroscience>





2. Original Reports

- Murataeva N, Mattox S, Lemieux J, Griffis J, Yust K, Du W, **Heinbockel T**, Straiker A (2024) Cannabinoid regulation of sex-dependent murine odorant-stimulated salivation. *Sci Rep* 14:26720; <https://doi.org/10.1038/s41598-024-77761-4>
- Wang ZJ, Sun L, **Heinbockel T** (2024) Firing patterns of mitral cells and their transformation in the main olfactory bulb. *Brain Sci* 14(7):678; <https://doi.org/10.3390/brainsci14070678>
- Koyama S*, Joseph PV*, Shields* VDC*, **Heinbockel T***, Adhikari P, Kaur R, Kumar R, Alizadeh R, Bhutani S, Calcinoni O, Mucignat-Caretta C, Chen J, Cooper KW, Das SR, Rohlfs Domínguez P, Guàrdia MD, Klyuchnikova MA, Laktionova TK, Mori E, Namjoo Z, Nguyen H, Özdener MH, Parsa S, Özdener Poyraz E, Strub DJ, Taghizadeh-Hesary F, Ueha R and Voznessenskaya VV (2024) Possible roles of phytochemicals with bioactive properties in the prevention and recovery from COVID-19. *Front Nutr* 11:1408248. <https://doi:10.3389/fnut.2024.1408248> (*shared first authorship)
- Menger NS, Tognetti A, Farruggia MC, Mucignat C, Bhutani S, Cooper KW, Rohlfs Domínguez P, **Heinbockel T**, Shields VDC, D'Errico A, Pereda-Loth V, Pierron D, Koyama S, Croijmans I (2024) Giving a Voice to Patients Who Developed Smell Disorders After COVID-19: Cross-Sectional Longitudinal Analysis Using Natural Language Processing

of Self-Reports. *Journal of Medical Internet Research Public Health and Surveillance* (JMIR Public Health Surveill) 10:e47064. <https://publichealth.jmir.org/2024/1/e47064/>
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Gerkin RC, Ohla K, Veldhuizen MG, Joseph PV, Kelly CE, Bakke AJ, Steele KE, Farruggia MC, Pellegrino R, Pepino MY, Bouysset C, Soler GM, Pereda-Loth V, Dibattista M, Cooper KW, Croijmans I, Di Pizio A, Ozdener MH, Fjaeldstad AW, Lin C, Sandell MA, Singh PB, Brindha VE, Olsson SB, Saraiva LR, Ahuja G, Alwashahi MK, Bhutani S, D'Errico A, Fornazieri MA, Golebiowski J, Hwang LD, Öztürk L, Roura E, Spinelli S, Whitcroft KL, Faraji F, Fischmeister FP, **Heinbockel T**, Hsieh JW, Huart C, Konstantinidis I, Menini A, Morini G, Olofsson JK, Philpott CM, Pierron D, Shields VDC, Voznessenskaya VV, Albayay J, Altundag A, Bensafi M, Bock MA, Calcinoni O, Fredborg W, Laudamiel C, Lim J, Lundström JN, Macchi A, Meyer P, Moein ST, Santamaría E, Sengupta D, Dominguez PR, Yanik H, Hummel T, Hayes JE, Reed DR, Niv MY, Munger SD, Parma V; GCCR Group Author (2021) Recent smell loss is the best predictor of COVID-19 among individuals with recent respiratory symptoms. *Chem Senses* 46:1-12. <https://doi.org/10.1093/chemse/bjaa081>

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Shields VDC, Dimitriades N, Heinbockel TK, **Heinbockel T** (2020) Picking your brain: understanding the structure and function of nerve cells and the brain. *Annal Behav Neurosci*, 3(1): 276-283. <https://doi.org/10.18314/abne.v3i1.2008>

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3. Reviews, Chapters and Published Lectures

- Koyama S, Weber E, **Heinbockel T** (2024) Possible combinatorial utilization of phytochemicals and extracellular vesicles for wound healing and regeneration. *Int J Mol Sci*, 25(19), 10353; <https://doi.org/10.3390/ijms251910353>
- Kumar D, Khan B, Okcay Y, Önal Sis C, Abdallah A, Murray F, Sharma A, Uemura MT, Taliyan R, **Heinbockel T**, Rahman S, Goyal R (2024) Dynamic endocannabinoid-mediated neuromodulation of retinal circadian circuitry. *Aging Research Reviews* 102401, ISSN 1568-1637, <https://doi.org/10.1016/j.arr.2024.102401>.
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