

- I Originalpublikationen
- II Posterpräsentationen

## I Originalpublikationen

Hotopp I, Walther B, Fuelling O, Reil D, **Hesse C**, Below DA, Imholt C, Jacob J (2022) Habitat and Season Effects on Small Mammal Bycatch in Live Trapping. *Biology*. 2022; 11 (12):1806.

<https://doi.org/10.3390/biology11121806>

Wernike K, Drewes S, Mehl C, **Hesse C**, Imholt C, Jacob J, Ulrich RG (2022) No Evidence for the Presence of SARS-Co-V-2 in Bank Voles and Other Rodents in Germany, 2020-2022. *Pathogens*. 2022, 11 (10); 1112.

<https://doi.org/10.3390/pathogens11101112>

Abella LMR, Jacob H, **Hesse C**, Hofmann B, Schneider S, Schindler L, Keller M, Buchwalow IB, Jin C, Panula P, Dhein S, Klimas J, Hadova K, Gergs U, Neumann J (2024) Initial characterization of a transgenic mouse with overexpression of the human D1-dopamine receptor in the heart. *Naunyn Schmiedeberg's Arch Pharmacol*. DOI: 10.1007/s00210-023-02901-y.

<https://doi.org/10.1007/s00210-023-02901-y>

Neumann J, **Hesse C**, Hofmann B, Gergs U (2024) Mosapride stimulates human 5-HT4-serotonin receptors in the heart. *Naunyn-Schmiedeberg's Arch Pharmacol*. DOI: 10.1007/s00210-024-03047-1.

<https://doi.org/10.1007/s00210-024-03047-1>

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Neumann J, **Hesse C**, Yahiaoui S, Dallemagne P, Rochais C, Hofmann B, Gergs U (2024) MR33317 increases force of contraction in the human atrium via 5-HT4-serotonin receptors. *Naunyn-Schmiedeberg's Arch Pharmacol*. DOI: 10.1007/s00210-024-03226-0.

<https://doi.org/10.1007/s00210-024-03226-0>

**Hesse C**, Neumann J, Compan V, Ponimaskin E, Müller FE, Hofmann B, Gergs U (2024) Tegaserod Stimulates 5-HT<sub>4</sub> Serotonin Receptors in the Isolated Human Atrium. *International Journal of Molecular Sciences*. 25(20):11133.

<https://doi.org/10.3390/ijms252011133>

Gergs U, Pham TH, Abella LMR, **Hesse C**, Grundig P, Dhein S, Hofmann B, Neumann J (2024) Contractile effects of stimulation of D1-dopamine receptors in the isolated human atrium. *Naunyn-Schmiedeberg's Arch Pharmacol* (2025) 398:1497–1508. DOI: 10.1007/s00210-024-03340-z.

<https://doi.org/10.1007/s00210-024-03340-z>

## II Posterpräsentationen

**Hesse C**, Panziera D, Theodorou T, Paxton RJ (2019) Do bees that share flowers also share viruses? 67. AG-Tagung der Institute für Bienenforschung e.V.

**Hesse C**, Imholt C, Below DA, Drewes S, Ulrich RG, Eccard JA, Jacob J (2021) Effects of landscape parameters on the prevalence of Puumala orthohantavirus in bank voles. In Junior Scientist Zoonoses Meeting 2021: Program (p. 41).  
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**Hesse C**, Imholt C, Below DA, Eccard JA, Jacob J (2021) Auswirkungen von Landschaftsparametern auf die kleinräumige Populationsdynamik und -demographie von Rötelmäusen. 62. Deutsche Pflanzenschutztagung: Gesunde Pflanzen in Verantwortung für unsere Welt; 21. - 23. September 2021, -Kurzfassungen der Vorträge und Poster-, Julius-Kühn-Archiv: S466-467. DOI 10.5073/20210721-093221.

Drewes S, Imholt C, **Hesse C**, Freise J, Jeske K, Triebenbacher C, Thiel J, Heckel G, Jacob J, Ulrich RG (2021) Searching for the current distribution borders of Puumala orthohantavirus in its rodent reservoir in Germany. International Symposium on Zoonoses Research.

Drewes S, Imholt C, **Hesse C**, Freise J, Jeske K, Triebenbacher C, Thiel J, Heckel G, Dreesman J, Jacob J, Ulrich RG (2022) The four-year surveillance of bank voles as a reservoir for Puumala orthohantavirus in Germany. International Symposium on Zoonoses Research.

Drewes S, Imholt C, **Hesse C**, Freise J, Jeske K, Triebenbacher C, Thiel J, Heckel G, Dreesman J, Jacob J, Ulrich RG (2023) Puumala orthohantavirus monitoring in bank voles to assess the epidemiological situation in Germany. International Symposium on Zoonoses Research. Abstract-ID 310

**Hesse C**, Hofmann B, Compan V, Neumann J, Gergs U (2024) Effects of tegaserod on human cardiac 5-HT<sub>4</sub> serotonin receptors. Naunyn-Schmiedeberg's Arch Pharmacol (2024) 397 (Suppl 1):S33-S34. DOI 10.1007/s00210-024-02974-3.

Grundig P, Rayo Abella LM, **Hesse C**, Hofmann B, Gergs U, Neumann J (2024) Evidence for the presence of functional D1-dopamine receptors in human atrium. Naunyn-Schmiedeberg's Arch Pharmacol 397 (Suppl 1):S34. DOI 10.1007/s00210-024-02974-3.

Neumann J, **Hesse C**, Hofmann B, Gergs U (2024) Effects of benzamides like naronapride on force of contraction in the isolated human atrium. EPHAR Athen 2024 (accepted).