

Publications

- [1] Weber, M., Gierschner, P., Klassen, A., **Kasbohm, E.**, Schubert, J. K., Miekisch, W., Reinhold, P., and Köhler, H. **2021**. Detection of Paratuberculosis in Dairy Herds by Analyzing the Scent of Feces, Alveolar Gas, and Stable Air. *Molecules* 26.10. DOI: 10.3390/molecules26102854.
- [2] Vitense, P., **Kasbohm, E.**, Klassen, A., Gierschner, P., Trefz, P., Weber, M., Miekisch, W., Schubert, J. K., Möbius, P., Reinhold, P., Liebscher, V., and Köhler, H. **2021**. Detection of *Mycobacterium avium* ssp. *paratuberculosis* in Cultures from Fecal and Tissue Samples Using VOC Analysis and Machine Learning Tools. *Frontiers in Veterinary Science* 8, 620327. DOI: 10.3389/fvets.2021.620327.
- [3] Gethmann, J., Hoffmann, B., **Kasbohm, E.**, Süß, J., Habedank, B., Conraths, F. J., Beer, M., and Klaus, C. **2020**. Research paper on abiotic factors and their influence on *Ixodes ricinus* activity—observations over a two-year period at several tick collection sites in Germany. *Parasitology Research* 119.5, 1455–1466. DOI: 10.1007/s00436-020-06666-8.
- [4] Teumer, A., [...], **Kasbohm, E.**, et al. **2018**. Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. *Nature Communications* 9.1, 4455. DOI: 10.1038/s41467-018-06356-1.
- [5] Bordewich, M., Deutschmann, I. M., Fischer, M., **Kasbohm, E.**, Semple, C., and Steel, M. **2018**. On the information content of discrete phylogenetic characters. *Journal of Mathematical Biology* 77.3, 527–544. DOI: 10.1007/s00285-017-1198-2.
- [6] Salaheldin, A. H., **Kasbohm, E.**, El-Naggar, H., Ulrich, R., Scheibner, D., Gischke, M., Hassan, M. K., Arafa, A.-S. A., Hassan, W. M., Abd El-Hamid, H. S., Hafez, H. M., Veits, J., Mettenleiter, T. C., and Abdelwhab, E. M. **2018**. Potential Biological and Climatic Factors That Influence the Incidence and Persistence of Highly Pathogenic H5N1 Avian Influenza Virus in Egypt. *Frontiers in Microbiology* 9, 528. DOI: 10.3389/fmicb.2018.00528.
- [7] Naguib, M. M., Ulrich, R., **Kasbohm, E.**, Eng, C. L. P., Hoffmann, D., Grund, C., Beer, M., and Harder, T. C. **2017**. Natural Reassortants of Potentially Zoonotic Avian Influenza Viruses H5N1 and H9N2 from Egypt Display Distinct Pathogenic Phenotypes in Experimentally Infected Chickens and Ferrets. *Journal of Virology* 91.23, e01300–17. DOI: 10.1128/JVI.01300-17.
- [8] **Kasbohm, E.**, Fischer, S., Küntzel, A., Oertel, P., Bergmann, A., Trefz, P., Miekisch, W., Schubert, J. K., Reinhold, P., Ziller, M., Fröhlich, A., Liebscher, V., and Köhler, H. **2017**. Strategies for the identification of disease-related patterns of volatile organic compounds: prediction of paratuberculosis in an animal model using random forests. *Journal of Breath Research* 11.4, 047105. DOI: 10.1088/1752-7163/aa83bb.
- [9] **Kasbohm, E.**, Holtfreter, B., Völker, U., Petersmann, A., Samietz, S., Biffar, R., Völzke, H., Meisel, P., Kacprowski, T., Homuth, G., Kocher, T., and Teumer, A. **2017**. Exome Variant Analysis of Chronic Periodontitis in 2 Large Cohort Studies. *Journal of Dental Research* 96.1, 73–80. DOI: 10.1177/0022034516665076.
- [10] Abdelwhab, E. M., Veits, J., Ulrich, R., **Kasbohm, E.**, Teifke, J. P., and Mettenleiter, T. C. **2016**. Composition of the Hemagglutinin Polybasic Proteolytic Cleavage Motif Mediates Variable Virulence of H7N7 Avian Influenza Viruses. *Scientific Reports* 6.1, 39505. DOI: 10.1038/srep39505.