

A) Originalarbeiten

1. N. Schmitz, M. Timmen, K. Kostka, **V. Hoerr**, C. Schwarz, C. Faber, U. Hansen, R. Matthys, M.J. Raschke, R. Stange. A novel MRI compatible mouse fracture model to characterize and monitor bone regeneration and tissue composition. *Sci Rep*. 10(1):16238, 2020.
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4. L. Tuchscher, C. Pöllath, A. Siegmund, S. Deinhardt-Emmer, **V. Hoerr**, C.M. Svensson, T.M. Figge, S. Monecke, B. Löffler. Clinical *S. aureus* isolates vary in their virulence to promote adaptation to the host. *Toxins (Basel)*. 11(3), 2019.
5. I. Gallitz, N. Lofruth, L. Traeger, N. Bäumer, **V. Hoerr**, C. Faber, T. Kuhlmann, C. Müller-Tidow, A.U. Steinbicker. Deficiency of the BMP Type I receptor ALK3 partly protects mice from anemia of inflammation. *BMC Physiol*. 18(1):3, 2018.
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8. M. Krämer, A.G. Motaal, K.H. Herrmann, B. Löffler, J.R. Reichenbach, G.J. Strijkers, **V. Hoerr**. Cardiac 4D phase-contrast CMR at 9.4 T using self-gated ultra-short echo time (UTE) imaging. *J Cardiovasc Magn Reson*. 19:39-52, 2017.
9. H. Van de Vyver, P.R. Bovenkamp, **V. Hoerr**, K. Schwegmann, L. Tuchscher, S. Niemann, L. Kursawe, C. Grosse, A. Moter, U. Hansen, U. Neugebauer, M.T. Kuhlmann, G. Peters, S. Hermann, B. Löffler. A Novel Mouse Model of Staphylococcus aureus Vascular Graft Infection: Noninvasive Imaging of Biofilm Development in Vivo. *Am J Pathol*. 187:268-279, 2017.
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16. J. Ring, **V. Hoerr**, L. Tuchscher, M.T. Kuhlmann, B. Löffler, C. Faber. MRI visualization of *Staphylococcus aureus*-induced infective endocarditis in mice. *PLoS One.* 9:e107179, 2014.

B) Review Artikel

1. R. Köhnke, D. Kentrup, K. Schütte-Nütgen, M. Schäfers, U. Schnöckel, **V. Hoerr**, S. Reuter. Update on imaging-based diagnosis of acute renal allograft rejection. *Am J Nucl Med Mol Imaging.* 9(2):110-126, 2019.
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3. **V. Hoerr**, M. Franz, M.W. Pletz, M. Diab, S. Niemann, C. Faber, T. Doenst, P.C. Schulze, S. Deinhardt-Emmer, B. Löffler. *S. aureus* endocarditis: Clinical aspects and experimental approaches. *Int J Med Microbiol.* 308(6):640-652, 2018.
4. S. Deinhardt-Emmer, **V. Hoerr**, B. Löffler. Vascular graft infection: a new model for treatment management? *Future Microbiol.* 12:651-654, 2017.