

**Complete List of Publications as of October 06, 2016****Peer Reviewed, Original Papers**

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80. Cowan P, **Rieben R**. Modifying the Glycome in Pigs for Xenotransplantation. *Transplantation* 2016, 100(3):485-486
79. Ahrens HE, Petersen B, Herrmann D, Schwinzer R, Rataj D, Tiede A, Winkler M, Ramakers W, Bongoni A, Rieben R, Niemann H. Experimental approaches towards overcoming the acute vascular rejection during pig-to-primate xenotransplantation. *Zuchtungskunde* 2016, 88(1):32-51
78. Banz Y, Item GM, Vogt A, **Rieben R**, Candinas D, Beldi, G. Endothelial- and Platelet-derived Microparticles are generated during Liver Resection in Humans. *Journal of Investigative Surgery* 2016, 29(1):20-31
77. Bongoni AK, Kiermeir D, Schnider J, Jenni HJ, Garimella PS, Bähr A, Klymiuk N, Wolf E, Ayares D, Vögelin E, Constantinescu M, Seebach J, **Rieben R**. Transgenic Expression of Human CD46 on Porcine Endothelium: Effect on Coagulation and Fibrinolytic Cascades During Ex Vivo Human-to-Pig Limb Xenoperfusions. *Transplantation* 2015, 99(10):2061-2069
76. Zhang S, Duehrkop C, Plock J, **Rieben R**. Inhalation anesthesia of rats: Influence of the fraction of inspired oxygen on limb ischemia/reperfusion injury. *Laboratory Animals* 2015
75. Bongoni AK, Kiermeir D, Schnider J, Jenni HJ, Garimella PS, Bähr A, Klymiuk N, Wolf E, Ayares D, Voegelin E, Constantinescu MA, Seebach JD, **Rieben R**. Transgenic Expression of Human CD46 on Porcine Endothelium: Effect on Coagulation and Fibrinolytic Cascades During Ex Vivo Human-to-Pig Limb Xenoperfusions. *Transplantation* 2015, 99(10):2061-2069
74. Egge KH, Thorgersen EB, Pischke SE, Lindstad JK, Anne Pharo A, Bongoni AK, **Rieben R**, Nunn MA, Barratt-Due A, Mollnes TE. Organ inflammation in porcine Escherichia coli sepsis is markedly attenuated by combined inhibition of C5 and CD14. *Immunobiology* 2015, 220(8):999-1005
73. Ahrens HE, Petersen B, Herrmann D, Lucas-Hahn A, Hassel P, Ziegler M, Kues WA, Baulain U, Baars W, Schwinzer R, Denner J, Rataj D, Werwitzke S, Tiede A, Bongoni AK, Garimella PS, Despont A, **Rieben R**, Niemann H. siRNA Mediated Knockdown of Tissue Factor Expression in Pigs for Xenotransplantation. *Am J Transplant* 2015, 15(5), 15(5):1407-1414
72. Bongoni AK, Kiermeir D, Denoyelle J, Jenni H, Burlak C, Seebach JD, Voegelin E, Constantinescu MA, **Rieben R**. Porcine extrahepatic vascular endothelial ASRG1 mediates platelet phagocytosis in vitro and in human-to-pig ex vivo xenoperfusion. *Transplantation* 2014, in press.

71. Gajanayake T, Olariu R, Leclère FM, Dhayani A, Yang Z, Bongoni AK, Banz Y, Constantinescu MA, Karp JM\*, Vemula PK\*, **Rieben R\***, Vögelin E. A single localized dose of enzyme-responsive hydrogel improves long-term survival of a vascularized composite allograft. *Sci Transl Med* 2014, 6:249ra110.  
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70. Bongoni AK, Kiermeir D, Jenni H, Bähr A, Ayares D, Klymiuk N, Wolf E, Voegelin E, Constantinescu MA, Seebach JD, **Rieben R**. Complement dependent early immunological responses during ex vivo xenoperfusion of hCD46/HLA-E double transgenic pig forelimbs with human blood. *Xenotransplantation* 2014, in press.
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**Reviews, Book Sections, Case Reports**

22. Duehrkop C, **Rieben R**. Ischemia/reperfusion injury: Effect of simultaneous inhibition of plasma cascade systems versus specific complement inhibition. *Biochem Pharmacol* 2014, 88(1):12–22.
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**Published Abstracts, Letters**

97. Zhang S, Shaw J, Banz Y, Bongoni AK, Taddeo A, Spirig R, Nolte MW, Cowan P. **Rieben R.** Effects of C1-INH on complement deposition and endothelial cell activation in a rat hind limb ischemia/reperfusion injury model. *Immunobiology*, 2016, 221(10):1163
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