

Publications

- KEIZER, Hiskias, Suzanne Kats, Ines Christis, Rene Heylen, Ronald Oosting, Willem Seinen and Ruud Brands. Safety and efficacy data of a randomized, double-blind, placebo-controlled phase II study with the biological response modifier “bRESCAP” in patients undergoing cardiac surgery (APPIRED-II) *Int Clin Med*, May 30 2021 doi: 10.15761/ICM.1000193
- POSCHNER, Thomas, et al. Impact of Venoarterial Extracorporeal Membrane Oxygenation on Alkaline Phosphatase Metabolism after Cardiac Surgery. *Biomolecules*, 2021, 11.5:748. doi.org/10.3390/biom11050748
- POPOV, V.; BRANDS, R.; BULANOVA, N. Protocol of a Randomised, Single Blind, Placebo-controlled RESCAP Intervention Study to Determine the Safety of RESCAP in Diabetes: RAPID Protocol–Rationale and Design. *European Cardiology Review*, 2020, 15. doi.org/10.15420/ecr.2020.15.1.PO18
- SCHAEFER, Anne-Kristin, et al. Decrease in serum alkaline phosphatase and prognostic relevance in adult cardiopulmonary bypass. *Interactive CardioVascular and Thoracic Surgery*, 2020, 31.3: 383-390. doi:10.1093/icvts/ivaa103
- PRESBITERO, Alva, et al. Supplemented alkaline phosphatase supports the immune response in patients undergoing cardiac surgery: clinical and computational evidence. *Frontiers in immunology*, 2018, 2342. https://doi.org/10.3389/fimmu.2018.02342
- VLAMING, M. L. H., et al. Microdosing of a carbon-14 labeled protein in healthy volunteers accurately predicts its pharmacokinetics at therapeutic dosages. *Clinical Pharmacology & Therapeutics*, 2015, 98.2: 196-204. s files of this Leiden University dissertation: http://hdl.handle.net/1887/59458
- PIKE, Adrienne F., et al. An alkaline phosphatase transport mechanism in the pathogenesis of Alzheimer’s disease and neurodegeneration. *Chemico-Biological Interactions*, 2015, 226: 30-39. doi.org/10.1016/j.cbi.2014.12.006
- PIKE, Adrienne F., et al. A novel hypothesis for an alkaline phosphatase ‘rescue’ mechanism in the hepatic acute phase immune response. *Biochimica et Biophysica Acta (BBA)-Molecular Basis of Disease*, 2013, 1832.12: 2044-2056. doi.org/10.1016/j.bbadis.2013.07.016
- BENDER, B., et al. Recombinant human tissue non-specific alkaline phosphatase successfully counteracts lipopolysaccharide induced sepsis in mice. *Physiological Research*, 2015, 64.5: 731. ISSN 1802-9973
- HUIZINGA, Ruth, et al. Endotoxin-and ATP-neutralizing activity of alkaline phosphatase as a strategy to limit neuroinflammation. *Journal of neuroinflammation*, 2012, 9.1: 1-14. doi.org/10.1186/1742-2094-9-266
- KATS, Suzanne, et al. Prophylactic treatment with alkaline phosphatase in cardiac surgery induces endogenous alkaline phosphatase release. *The International Journal of Artificial Organs*, 2012, 35.2: 144-151.
- KATS, Suzanne, et al. Endotoxin release in cardiac surgery with cardiopulmonary bypass: pathophysiology and possible therapeutic strategies. An update. *European journal of cardio-thoracic surgery*, 2011, 39.4: 451-458. doi.org/10.1016/j.ejcts.2010.06.011

- BOL-SCHOENMAKERS, Marianne, et al. Intestinal alkaline phosphatase contributes to the reduction of severe intestinal epithelial damage. *European journal of pharmacology*, 2010, 633.1-3: 71-77. doi.org/10.1016/j.ejphar.2010.01.023
- KATS, Suzanne, et al. Anti-inflammatory effects of alkaline phosphatase in coronary artery bypass surgery with cardiopulmonary bypass. *Recent Patents on Inflammation & Allergy Drug Discovery*, 2009, 3.3: 214-220. ISBN: 978-90-39356593
- FIECHTER, Danielle, et al. Bovine intestinal alkaline phosphatase reduces inflammation after induction of acute myocardial infarction in mice. *Cardiology Research*, 2011, 2.5: 236. doi: 10.4021/cr81w