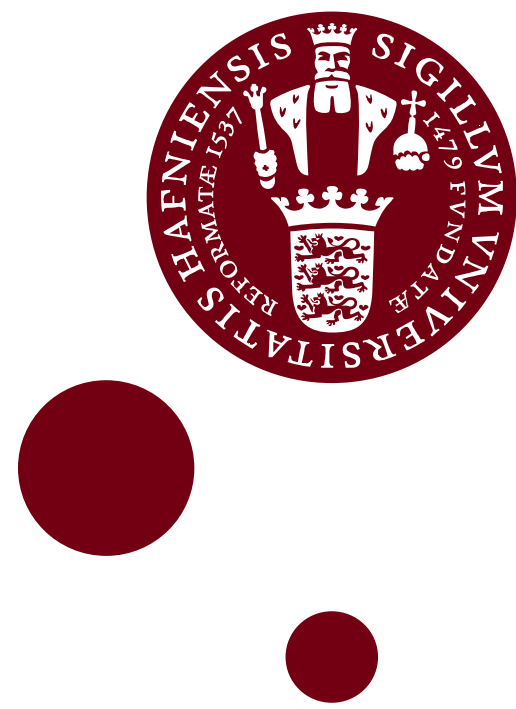
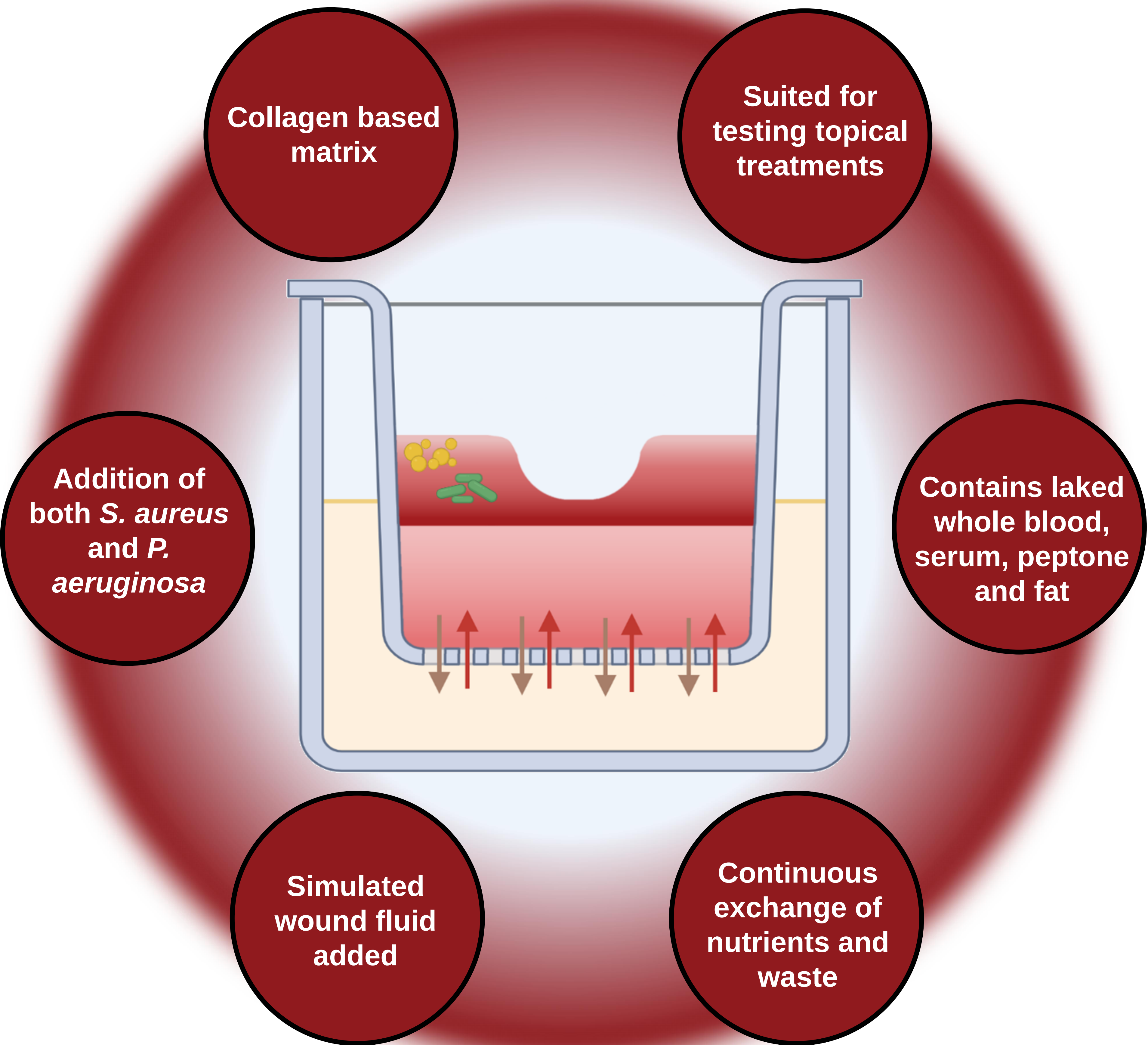




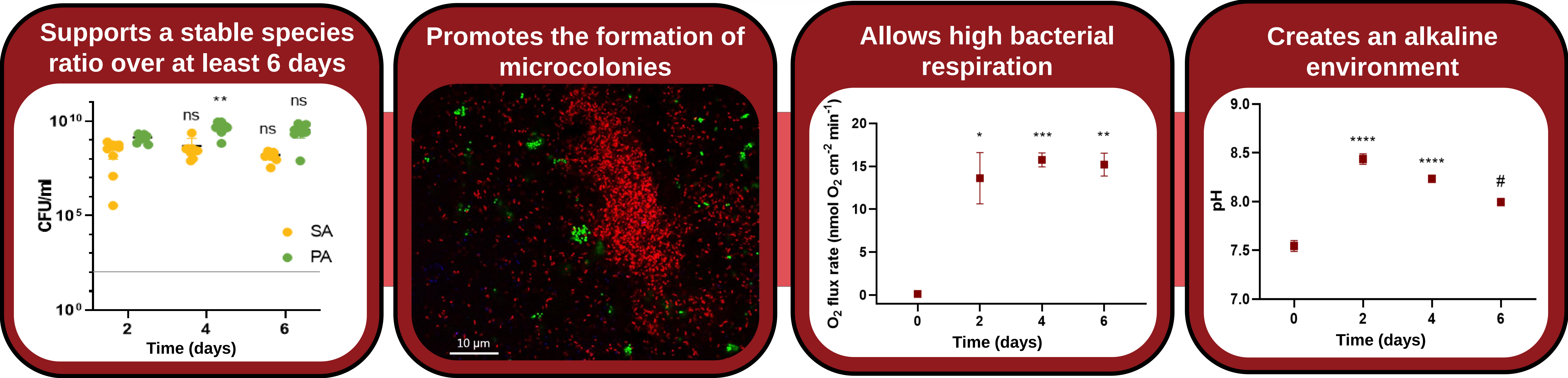
A novel *in vivo*-like collagen-based chronic wound biofilm model for evaluating topical wound care treatments

Ida C. Thaarup¹, Mads Lichtenberg¹, Kim Tanja Hejselbak Nørgaard², Yijuan Xu^{2,3}, Jan Lorenzen³, Trine Rolighed Thomsen^{2,3} & Thomas Bjarnsholt^{1,4}

Affiliations: 1. Department of Immunology and Microbiology, Faculty of Health Sciences, University of Copenhagen, Copenhagen, Denmark. 2. Center for Microbial Communities, Aalborg University, Aalborg East, Denmark. 3. Environmental Technology, Danish Technology Institute, Aarhus, Denmark. 4. Department of Clinical Microbiology, Copenhagen University Hospital, Copenhagen, Denmark. [Contact: icthaarup@sund.ku.dk](mailto:icthaarup@sund.ku.dk)



The new model...



The addition of antibacterial hydrogels caused the following changes...

