



CEPI



Vaccinopolis
University of Antwerp

Enabling the Evaluation of COVID-19 Vaccines with Correlates of Protection
Vaccinopolis
University of Antwerp, Belgium
February 16 - 17, 2023



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The Ackerman laboratory conducts interdisciplinary research developing high throughput tools to evaluate the antibody response in disease states ranging from infection to cancer with the goal of advancing therapeutic antibodies and vaccine design and development. Grounded in fundamental engineering principles, we use approaches such as protein engineering and machine learning to understand and optimize the protective mechanisms of antibodies *in vivo*.

