*University Awards 2024*
RECOGNISING EXCELLENCE

# CITATION FOR ASSISTANT PROFESSOR JASPER TROMP YOUNG RESEARCHER AWARD

## Citation Reader: Professor Liu Bin

I am very pleased to announce the recipient of the 2024 Young Researcher Award – Assistant Professor Jasper Tromp.

Jasper is a researcher at the Saw Swee Hock School of Public Health with a focus on heart failure, artificial intelligence, and health systems research. His pioneering work, which leverages machine learning algorithms to enhance the detection and management of heart failure, has profound implications for the field of cardiology.

Jasper identified a lean-diabetic heart failure phenotype unique to Southeast Asia and Singapore, validated machine learning algorithms for heart failure detection, and discovered new treatment targets.

Jasper's influence extends beyond research; he founded and currently co-directs the Cardiovascular Clinical Trials Data Management Core at the National Heart Centre Singapore, managing and analysing large-scale registries and clinical trials to generate real-world evidence on cardiovascular disease and heart failure risk factors in Asia.

Jasper has over 130 high-impact publications in leading journals, over 4,000 citations and an H-index of 36. He is an editorial board member of prestigious journals such as The *British Medical Journal: Public Health* and the *European Journal of Heart Failure*.

Please join me in congratulating Assistant Professor Jasper Tromp on receiving the Young Researcher Award.