

## **BIOSKETCH – Prof Judy B. de Haan**

Prof Judy de Haan is **Head of the Cardiovascular Inflammation and Redox Biology Laboratory** at the Baker Heart and Diabetes Institute in Melbourne, Australia. She is also **Head of the Heart Failure Program** at her Institute. She holds adjunct Professorial appointments at Swinburne and La Trobe University in Melbourne, Australia. Prof de Haan is *President of the Australian Atherosclerosis Society (2023-2025)*, *President-Elect of the Society for Redox Research Australasia (2025-2026)* and an appointed member of the *Australian Cardiovascular Alliance (ACvA) Drug Discovery and Translation Flagship*.

With over 20 years of research in redox biology, Prof de Haan has developed innovative therapeutic strategies to protect against diabetic end-organ damage, particularly that seen in the eye, kidney and vasculature. This stems from her understanding of the oxidative and pro-inflammatory mechanisms that drive diabetic micro- and macrovascular complications. More recently, Prof de Haan has focused on the inflammatory role of the NLRP3-inflammasome/GasderminD axis and novel drug targets of this pathway to mitigate cardiovascular complications. Her research output includes 95+ publications (>6000 citations, H-index: 44) in top-ranked journals such as *Circulation* and *Diabetes*. Her work has been supported by competitive grants from the Australian government (NHMRC Ideas Grant), the Australian Heart Foundation, Diabetes Australia Research Program, and Industry (Bayer, Reata Pharmaceuticals).

