



Dr Vance Matthews obtained his PhD in Pathology and Immunology from The University of Western Australia in 2001 and he conducted his first post-doctoral position at the Biochemistry Institute, Christian Albrechts University, Kiel, Germany under the supervision of Professor Stefan Rose-John. He returned to Perth in 2003 and was awarded a two year University of Western Australia Richard Walter Gibbon Medical Research Fellowship. He conducted studies to investigate cytokine regulation of liver regeneration with Professor George Yeoh at the Western Australian Institute for Medical Research.

This was followed by post-doctoral studies in the laboratory of Professor Mark Febbraio at Baker IDI Heart and Diabetes Institute in Melbourne where he focussed on the impact of pro-inflammatory cytokines in obesity and type 2 diabetes. In 2009, Vance was awarded a NHMRC Career Development Award Fellowship and a NHMRC project grant and took up a laboratory head position at the Harry Perkins Institute of Medical Research in Perth. His current research aims to determine whether metalloproteinases and the cytokine TNFSF14 are potential therapeutic targets for obesity and type 2 diabetes. In addition, he is also interested in understanding the role of the sympathetic nervous system in regulation of the protein called sodium glucose co-transporter 2.