

Professor David Hume FSB, FRSE is the Director of The Roslin Institute at the University of Edinburgh and Research Director of the Royal (Dick) School of Veterinary Studies (RDSVS). Professor Hume is a graduate of the Australian National University. He moved from the Institute for Molecular Bioscience at the University of Queensland in May 2007, where he was Director of the ARC Special Research Centre for Functional and Applied Genomics. He has >300 publications in the fields of macrophage biology, transcriptional regulation and genome sciences, and continues to be a leading participant in the international FANTOM consortium which aims to dissect transcriptional networks underlying mammalian cellular differentiation. His current research exploits the opportunities of a multidisciplinary animal sciences Institute, exploring comparative aspects of macrophage function and the roles of CSF-1 and IL-34 in mice, rats, chickens, pigs, cats, dogs, sheep, cattle, horses and humans. His presentation at the 2011 meeting in Kansas City will be entitled "Macrophages as a System".

