



David MacHugh, Professor in Animal Genomics, Animal Genomics Laboratory, UCD School of Agriculture and Food Science, University College Dublin.

David MacHugh obtained a BA (Mod) degree in genetics from Trinity College Dublin in 1988 and undertook PhD research in cattle population genetics at TCD. His postdoctoral work was on livestock archaeogenetics and in 1999 he took up a lectureship in University College Dublin and was appointed Professor in 2009. He is the Associate Dean for Research, Innovation and Impact at the UCD School of Agriculture and Food Science. He is also a co-founder and Chair of the Scientific Advisory Board of Plusvital-Equinome Ltd. (www.plusvital.com) and a co-founder and

Scientific Advisor to IdentiGEN Ltd. (www.identigen.com).

David's research programme is focused on functional genomics of host-pathogen interactions for *Mycobacterium bovis* infection and disease biomarkers for bovine tuberculosis. Other research activities include livestock production genomics; population genomics of extinct and modern livestock populations; and, with Emmeline Hill, genomics of thoroughbred horses. He has published more than 100 peer-reviewed publications and has an ISI *h*-index of 30. David is a member of ISAG and has regularly attended ISAG conferences since the 1996 conference in Tours, France. He is a member of the Organising Committee and Co-chair of the Scientific Committee for the 36th ISAG Conference to be held in Dublin, July 2017.