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The TGF- β Superfamily Conference: Signaling in Development and Disease

Organizer Bio: Gareth Jonathan Inman, PhD

Director, Research Strategy, CRUK Beatson Institute and Professor, Cell Signalling, University of Glasgow, Scotland, UK

Gareth Jonathan Inman's research has focused on molecular and cell signaling mechanisms during cancer development and progression. For over 20 years, his lab has studied TGF- β signaling and been involved in characterizing small molecule inhibitors of the TGF- β superfamily receptors, investigating SMAD signaling dynamics, and understanding how TGF- β signaling can act as both a tumor suppressor and a tumor promoter. His lab is continuing these studies and investigating the role and interactions of TGF- β superfamily signaling in the development and metastatic spread of cutaneous squamous cell carcinoma (SCC), Head and Neck SCC, glioblastoma, breast, pancreatic, and colon cancer. Current work focuses on identifying critical cellular targets and mediators of TGF- β signaling using gene expression profiling, proteomics, genomics, and *in vivo* approaches.

Johnathan carried out his PhD studies on the Epstein Barr virus in Professor Paul Farrell's laboratory at the Ludwig Institute for Cancer Research in St Mary's Hospital, London, before joining Professor Ed Ziff's laboratory as an HHMI postdoctoral fellow in New York. He returned to the Ludwig Institute as a Wellcome Trust postdoctoral fellow and studied TGF- β signalling in human B cells in Professor Martin Allday's lab. Dr. Inman moved to Dr. Caroline Hill's lab at the CRUK London Research Institute to study TGF- β signalling dynamics.

Following his award of the first AICR International Cancer Fellowship, Inman set up his own lab investigating TGF- β signalling in cancer at the CRUK Beatson Institute. He moved to the School of Medicine in the University of Dundee in 2010 and was promoted to Full Professor in 2017. He returned to the CRUK Beatson Institute in September 2018.