

Ignacio Moraga is currently a Principal Investigator in the Cell Signalling and Immunology Department at University of Dundee, UK. The Moraga lab combines structural biology, protein engineering and detailed signalling studies to understand and fine-tune cytokine responses. Over the years Ignacio has made seminal contributions to the cytokine field. He has shown that cytokine receptors can act as 'rheostat' and activate graded signalling responses upon alterations of their ligand-receptor binding parameters. By taking advantage of these findings, Ignacio has engineered surrogates of several cytokines to improve their clinical safety.