

Mauro Martins Teixeira

Instituto de Ciencias Biologicas, Universidade Federal de Minas Gerais

Partner 24

An important focus of the Laboratory of Immunopharmacology is the investigation of the role of individual chemokines and chemokine receptors in the trafficking of leukocytes in models of inflammatory diseases of infectious and non-infectious nature. We are currently engaged in the development of chemokine inhibitors (chemicals and biologicals). These inhibitors include allosteric antagonists of chemokine receptors and chemokine binding proteins. We have a unique collection of animal models of chronic inflammatory and autoimmune diseases and have the ability to evaluate direct leukocyte trafficking by intravital microscopy in several tissues.

Prof Bernhard Moser

Cardiff

Partner 25

The group of Dr. Bernhard Moser has recently moved from the University of Bern to the University of Cardiff. Major research activities involved the discovery of novel human chemokines and their receptors, their contributions to inflammatory diseases as well as their role in homeostatic leukocyte traffic that pertains to haematopoiesis, initiation of adaptive immunity and immune surveillance in peripheral tissues. Major emphasis was put on chemokine structure-function analysis, resulting in the identification of multiple synthetic structure variants with antagonistic activity. Also much work was dedicated to the elucidation of chemokine receptors with HIV co-receptor activity and corresponding chemokines with HIV suppressive function. The group has been engaged in collaborations with numerous expert laboratories worldwide.

Prof Gerry Graham

University of Glasgow

Partner 26

The Division of Immunology, Infection and Inflammation at the University of Glasgow is an Internationally respected Division and was rated 5* (top rating) in the UK Universities Research Assessment Exercise. The Division houses 12 research groups focused on a range of basic and applied studies into innate and adaptive immune responses. Prof Graham is particularly experienced in studies on chemokines and their receptors having worked in this field for over 17 years. In this time his group have cloned a number of novel chemokines and receptors and have been involved in the biological characterisation of these molecules. Recently his group have become particularly interested in the D6 chemokine decoy receptor. Prof. Graham's group is a molecular biology group with additional expertise in animal models of inflammatory disease and in cytokine biology