



**Institut für Pharmazeutische
Wissenschaften**

**UNI
GRAZ**

VORTRAGSANKÜNDIGUNG
Im Rahmen des Pharmazeutischen Kolloquiums
(Host: A. Kungl)

11. September 2015: 11h
SR 03.K1, Schubertstraße 1

**UNDERSTANDING THE
INFLAMMATORY RESPONSE TO
GENERATE NOVEL ANTI-
INFLAMMATORY DRUGS**

Mauro M Teixeira
Professor of Immunology
Departamento de Bioquímica e Imunologia
Instituto de Ciências Biológicas
Universidade Federal de Minas Gerais
Belo Horizonte - MG - Brasil

The Immunopharmacology group is based at the Universidade Federal de Minas Gerais. This is a multidisciplinary group with researchers and students from 10 Departments at 5 Faculties or Institutes (Medicine, Biological Science, Pharmacy, Nutrition, Odontology). The purpose of our work is to understand molecular mechanisms and physiological consequences of leukocyte accumulation in vivo. In the context of chronic inflammation, such knowledge may lead to development of novel anti-inflammatory drugs. In the context of infection, it is crucial we define mechanisms and mediators of resistance to infection or induction of disease. A range of models of inflammation are carried out in the laboratory, including models of infection, arthritis, pneumonitis, CNS inflammation, and metabolic, kidney and oral diseases. A major objective of the laboratory is to translate findings in animal models to human diseases. To this end, a significant proportion of the laboratory studies biomarkers, isolated cells and disease parameters in patients who attend the University hospital.