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## Innate Immunity of Infectious and Degenerative Diseases: From Interleukin-1 to Systems Biology

Universidade Federal de Minas Gerais  
Belo Horizonte, Brazil  
April 9th & 10th, 2015



### Workshop

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Fever and inflammation are central to most infectious and degenerative diseases. Interleukin-1, the first "endogenous pyrogen" ever described, has a major role on the pathogenesis of such diseases. Since its discovery, more than 30 years ago, studies on interleukin-1 contributed in a significant way for the understanding of Toll-Like Receptors, Nod-Like Receptors, and inflammasome functions. The workshop will cover recent work on innate immunity of degenerative diseases such as Alzheimer's disease, Atherosclerosis, and Rheumatoid Arthritis, as well as a broad range of infectious diseases. Speakers will present the latest scientific advances on the topic, which include state-of-the-art molecular biology, cell biology, genomics and bioinformatics. The workshop also offers a great opportunity to meet and talk with immunologists from different environments and research areas.

### Organizers

Dr. Ricardo Gazzinelli, Federal University of Minas Gerais (UFMG)/Oswaldo Cruz Foundation (Fiocruz)/University of Massachusetts (UMASS)

Dr. Douglas Golenbock, Oswaldo Cruz Foundation (Fiocruz)/University of Massachusetts (UMASS)

Dr. Gustavo Menezes, Federal University of Minas Gerais (UFMG)

Dr. Helder I. Nakaya, University of São Paulo (USP)/Emory University

### Registration

The workshop registration is open to undergraduate and graduate students, post-doctoral fellows and researchers, which are currently working on immunology, infectious or degenerative diseases. Students are encouraged to apply early, as the workshop is limited to the first 300 applications. Attendees will need to fund their own travel, lodging, and dinners.

Applications: [Please complete this form](#)

Deadline for application: **March 20th, 2015**

Registration fee: [Click here for payment](#)

1. R\$ 50 (Undergraduate and graduate students)
2. R\$ 75 (post-doctoral fellows)
3. R\$ 100 (Researchers and professionals)

## Poster Submission

Poster abstracts must be submitted during registration. All abstracts must be written in English.

## Program

Download PDF of the program [here](#)

## Address

Auditório Nobre do CAD-1, Campus Pampulha, UFMG  
Av Antonio Carlos, 6627 - Pampulha - BH

## Speakers

[Nicholas J. Gay](#) - University of Cambridge, UK

[Gabriel Nunez](#) - University of Michigan, United States

[Karina Bortoluci](#) - UNIFESP, Brazil

[Marcelo Torres Bozza](#) - UFRJ, Brazil

[Sergio Costa Oliveira](#) - UFMG, Brazil

[Ricardo Gazzinelli](#) - Fiocruz/UFMG/UMASS, Brazil/United States

[Douglas Golenbock](#) - Fiocruz/UMASS, Brazil/United States

[João Trindade Marques](#) - UFMG, Brazil

[Gustavo Batista de Menezes](#) - UFMG, Brazil

[Helder I. Nakaya](#) - USP/Emory University, Brazil/United States

[Dario S. Zamboni](#)- USP, Brazil

[Mauro M. Teixeira](#)- UFMG, Brazil

[Egil Lien](#)- UMass Medical School, United States

[Thiago Cunha](#)- FMRP-USP, Brazil

[Maria Bellio](#)- UFRJ, Brazil

[João Santana](#) - FMRP-USP, Brazil

## Topics

Adjuvants

Systems Biology

Cytokines

Dengue

Alzheimer's Disease

*In vivo* imaging

Inflammasome

Bacterial Infection

Malaria

Leishmaniasis

Toll-Like Receptors

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