

### Junior Group Leader Position in Quantitative Biology at the Centre d'Immunologie de Marseille-Luminy (CIML).

The [CIML](#) is a world-class immunology institute with a tradition of high quality research. It provides an exceptional international research environment, with a renowned graduate program. The CIML is currently composed of 250 members in 16 research groups and 13 core facilities. The CIML is located on a pluridisciplinary University campus, it is affiliated with Inserm, the CNRS and Marseilles Hospitals, and is at the centre of the newly formed [Marseille Immunopole](#).

A priority for the CIML is to promote interdisciplinary research through the integration of innovative approaches that create conceptual and technical interfaces.

**The CIML is therefore opening a call for candidates for a junior group leader with expertise in quantitative biology.**

Outstanding scientists working on questions related to immunology and signaling with quantitative approaches and able to develop projects at the interface with Physics, Mathematics or Bioinformatics are strongly encouraged to apply. A main objective is to quantitatively understand the transcriptional, biochemical and mechanical basis of the functioning of immune cells, including their deregulation in pathological conditions.

This position is supported by a very competitive 5 years package funded by an interdisciplinary research network in the campus, the INFORM Labex (<https://labexinform.wordpress.com>).

The candidate is expected to develop projects in collaboration with CIML and Labex groups.

We are looking for outstanding candidates who will complement the existing strengths of the CIML. Scientific excellence will be given the highest priority in the selection of the successful candidate. Knowledge of French is not required.

The list of current CIML teams is given on the next page. Please visit our website for more information (<http://www.ciml.univ-mrs.fr>).

Applicants should send a curriculum vitae with publication list, a 2 page summary of research achievements and projects in English, and the names and addresses of three references before **April, 15th, 2015** to the CIML Deputy Director, Marc Dalod ([dalod@ciml.univ-mrs.fr](mailto:dalod@ciml.univ-mrs.fr)), to whom informal inquiries can also be addressed.

The CIML actively promotes equal opportunities; applications from female scientists are especially welcome.

### **CIML Teams:**

Lena Alexopoulou

Toll-like receptors in immunity

Marc Bajénoff

Stromal cell immunobiology

Marc Dalod

Dendritic cells and antiviral defense

Jonathan Ewbank

Innate immunity in *C. elegans*

Pierre Ferrier

Control of gene expression and recombination during lymphocyte differentiation

Jean-Pierre Gorvel

Immunology and cell biology of pathogen/host cell interactions

Hai Tao He & Didier Marguet

Membrane dynamics and T lymphocyte signaling

Toby Lawrence

Inflammation biology group

Bernard & Marie Malissen

Genetic dissection of the function of T cells and dendritic cells

Bertrand Nadel

Genomic instability and human hemopathies

Philippe Naquet

Tissue inflammation and immunity

Philippe Pierre

Dendritic cell biology

Michael Sieweke

Stem cell and macrophage biology

Serge Van De Pavert

Development of the immune system

Eric Vivier, Director of the CIML

Natural killer cells and innate immunity

### **Alumni & emeritus:**

Group leader: Pierre Golstein

Molecular mechanisms of cell death

Claudine Schiff

Physiological and Pathological aspects of B Cell Differentiation

Anne Marie Schmitt-Verhulst

Molecular basis of the anti-tumor functions of T cells