

Curriculum Vitae – Grégory BOUCHAUD

Email	Gender	Marital status	Date of birth	Nationality
gregory.bouchaud@inra.fr	Male	Married	05/01/1982	French

ORCID: 0000-0002-3794-7287 / Research ID: K-9509-2015

• PROFESSIONAL EXPERIENCE

From 2016: Research fellow (CR1) at INRA

Hosted at the **BIA laboratory** (“Biopolymers Assemblies and Interactions” - UR1268), within the **Allergy Team**, Nantes, France.

Main research expertise: Immune mechanisms during allergies and its evolution.

2013-2016: Postdoctoral fellow: « Characterisation of immune reaction during food allergy and atopic march» UR1268 BIA INRA Allergy Team, Nantes, FR.

Supervisor: Dr Marie Bodinier.

Grants obtained from: *Pays-de-la-Loire* County Council: REAL² (regional project aiming to create a local network in the field of allergy 2013), Agreen skills (European COFUND promote international mobility for experienced young and independent researchers to develop challenging basic or targeted research projects in the fields of agriculture, food, nutrition, environment, and animal health 2014) and Marie Curie IEF project IGIFA (2014-2016). My study results in eight publications in high impact journal with three as first author (Respir Res., JACI, JAFC and allergy) and four as co-authors.

Main research expertise: allergy, cytokines, gut, asthma, immunity, mouse, T-cells, wheat

2010-2013 Postdoctoral fellow: « Mechanism of action and application of antibody-cytokine complexes» University Hospital Zürich, Department of Dermatology, Switzerland (www.boymanlab.com).

Supervisor: Prof. Dr Onur Boyman.

A 3-year experience at the University Hospital Zurich, one of the most renewed institutes in Europe on cancerology and dermatology. The team led by Prof. Onur Boyman is internationally recognized for its work on interleukin-2 and antibody application in cancer and auto-immunity. My study results in three publications in high impact journal with one as first author (J. Exp. Med.) and two as co-authors (Blood, AJRCCM).

Main research activities:

- Analysing immune response and cytokine role in cancer and auto-immunity using mouse model.
- Implementing experiment using mouse model (cancer, auto-immunity).
- Evaluating disease and treatment response in mice.
- Performing test for new treatment and application in a clinical study.

2005-2009 PhD graduate student, University of Nantes, FR - with the highest grade (Summa cum laude).

Thesis: « Characterisation of complex formed by IL-15 and its soluble alpha chain: sIL-15R α and implication in pathology » School of Medecine, INSERM U892 laboratory, Nantes, FR.

Supervisor: Dr Yannick Jacques. My study results in three publications in high impact journal with one as first author (J. Exp. Med.) and two as co-authors (Blood, AJRCCM).

2005 Master's degree (M2) in structure, proteome and genomics at Unit 779, Le Kremlin-Bicêtre, Paris at the *Kremlin-Bicêtre* Hospital (AP-HP), Paris, Fr. Supervisor: Dr Véronique Baudin-Creuzat

• EDUCATION

09/2014 Advanced operator training in cytometry (BD biosciences)

03/2015 Advanced in experimental surgery

05/2008 Training to lead experimental research on animals, level 1 (Expérimentation animale
Fonction de conception ou de réalisation de procédures expérimentales-Mammifères,
www.formation-continue.oniris-nantes.fr)

5/2008 Training in experimental surgery (Chirurgie expérimentale Mammifères, www.formation-continue.oniris-nantes.fr)

2/2005 Diploma in protein biochemistry
(www.pasteur.fr/ip/easysite/pasteur/fr/enseignement/poler-mv-mecanismes-du-vivant/cours-de-biochimie-des-proteines)

Languages: French (mother tongue), English (C2), German (A1), Spanish (B2)

- **TEACHING ACTIVITIES**

2014-2019 3 PhD supervision, University of Nantes

2014-2016 3 Master 2 Supervision

2014-2016 Teaching Master students (Animals models of allergy and therapeutics), School of medicine, university of Nantes.

2011-2013 Co-Supervision 2 PhD, University of Zurich.

2005-2008 Teaching of undergraduate students in biochemistry (96h/year). University of Nantes.

- **MEMBERSHIP OF PROFESSIONAL BODIES AND COMMITTEES**

Member of the French Immunology Society (SFI, since 2007), the European Cytokine Society (ECS, since 2008), the Swiss society for allergology and immunology (SSAI, since 2010), the European Academy of Allergy and Clinical Immunology (EAACI, since 2013), the French society of allergology (SFA since 2014) and the International Cytokine and Interferon Society (ICIS since 2014).

- **PARTICIPATION IN SCIENTIFIC REVIEWING PROCESS:**

Ad hoc reviewer for the Journal of molecular biology, gastroenterology, clinical experimental allergy, the Journal of agriculture and food chemistry and the journal of experimental medicine.

Project Leader reviewer for the “Associazione Italiana Celiachia”.

- **INSTITUTIONAL RESPONSIBILITIES:**

2014-now: Member of the animal health cells at INRA and the animal health structure (SBEA) at the unit of experimental therapeutics (UTE), Institute of health and therapeutics (IRSUN), University of Nantes, FR.

Responsible for animal experimentation authorizations at INRA (allergy Team BIA-Unit) and team 6 “Bronchial diseases and allergies” of the INSERM U1087 at the thorax institute.

2011-2013: Responsible for Seminar in Experimental and Clinical Immunology at the University of Zurich, CH.

- **EUROPEAN PATENT:**

2008 The soluble alpha chain of IL-15 receptor as a biomarker of survival of patients suffering from type of cancers known to express IL-15R alpha. (Inserm Tranfert).

EP 08 300 131.3 3

2009 A method for predicting the responsiveness to an anti-TNF alpha antibody treatment. (Inserm transfert, CHU de Nantes)

PCT/FR2009/050391

- **MAJOR COLLABORATIONS:**

2013-present Lung physiology, intestinal physiology, biochemistry.

Antoine Magnan, Thorax institute, INSERM U1087/CNRS6260, Team 6 “bronchial diseases and allergies, FR

Michel Neunlist, Institute of gastro-intestinal tract diseases, INSERM U913, Team “enteric nervous system and gastro-intestinal pathologies, FR

Suzanne Vrtala, Department of Pathophysiology and Allergy Research, Center for Pathophysiology, Infectiology and Immunology, AU.

2010-2013

Gastro-intestinal cancer, cancer immunotherapy, dermatology, transplantation.

Carsten Krieg, Institute of experimental immunology, team “Neuro and tumor immunology” CH

Onur Boyman, Department of dermatology, Team “Applied Immunobiology”, CH.

Silvia Guglietta, Department of Experimental Oncology, team “Immunobiology of Dendritic Cells and Immunotherapy”, IT

Christian Munz, Institute of Experimental Immunology, team “Viral Immunobiology”, CH.

2006-2010

inflammatory bowel diseases, head and neck cancer.

Arnaud Boureille Institute of gastro-intestinal tract diseases, INSERM U913, Team “enteric nervous system and gastro-intestinal pathologies, FR

Eric Tartour, Immunotherapy and anti-angiogenic treatment in cancerology, INSERM U970, FR