

CURRICULUM VITAE

ACHILLEAS FLOUDAS

PERSONAL

Date of birth: 4/2/1987
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WORK EXPERIENCE

- ✚ 09/2015-to date Irish Research Council postdoctoral fellow, Medical School Trinity College, Dublin, Ireland.
- ✚ 11/2014-09/2015 Postdoctoral fellow, Translational Immunology Laboratory, Medical School, Trinity College, Dublin Ireland.
- ✚ 1/2014-11/2014 Research Assistant, Translational Immunology Laboratory, Medical School, Trinity College, Dublin Ireland.

EDUCATION

- ✚ PhD 9/2010-11/2014 Institute of Cellular Medicine (ICM), Medical School, Newcastle University, Newcastle UK.
- ✚ 9/2004-5/2010 Biology Department, University of Crete, Greece
- ✚ 1/2010-6/2010 Erasmus student exchange program at the Norwegian University of science and technology (NTNU, Trondheim, Norway)
- ✚ 9/2001-6/2004 1st Lycaeum of Ioannina, Greece.
- ✚ 9/1998-6/2001 Gymnasium The Pancretan, Heraklion Crete, Greece.

PRESENTATIONS

- ✚ 10/2017 11th World Immune Regulation Meeting (oral)
- ✚ 10/2016 Irish Society of Immunology 2016 (poster)
- ✚ 08/2015 The AAI, Immunology 2015 meeting (poster)

- + 10/2013 6th international Conference on Autoimmunity (poster)
- + 09/2013 B Cells from Bedside to Bench and Back Again a European Science Foundation Conference (oral)
- + 07/2013 British Society of Immunology Summer School (poster)
- + 6/2011 and 6/2013 ICM research day, Newcastle University (poster)
- + 12/2012 2012 British Society of Immunology Conference (poster)

AWARDS-DISTINCTIONS

- + 9/2015 2-year Postdoctoral Fellowship awarded by the Irish Research Council
- + 9/2013 Travel grand awarded by the British Society of Immunology
- + 8/2013 Travel grand awarded by the European Science Foundation
- + 8/2013 Travel grand awarded by the British Society of Immunology
- + 9/2010 Received PhD full studentship by ICM Newcastle University
- + 6/2010 Awarded Ptyxio (BSC+diploma) of Biology and Molecular Biology by the University of Crete (score 7.3/10, top 10% of class)
- + 8/2004 Entered with 3rd highest grade in the Biology Dept. at the University of Crete following the Panhellening general entry exams of 2004 (score 18.65/20)
- + 2004 Graduation certificate from Lycaeum with a score of 19.0/20
- + 3/2001 1st Award and honorary diploma in the Panhellening Competition of the Mathematical Society "Thales" for the year 2000-2001, Prefecture of Heraklion Crete.
- + 1998-2004 Distinctions from the Greek ministry of Education for all years of Gymnasium and Lycaeum studies

PUBLICATIONS:

- + Achilleas Floudas, Sean P. Saunders, Tara Moran, Christian Schwartz, Emily Hams, Denise C. Fitzgerald, James A. Johnston, Graham S. Ogg, Andrew N. McKenzie¹, Patrick T. Walsh and Padraic G. Fallon. Interleukin-17 receptor A maintains and protects the skin barrier to prevent allergic skin inflammation. *The Journal of Immunology*. June 2017
- + Achilleas Floudas, Chris Cluxton, Adnan R. Khan, Julia Fahel, Emma Buchet, Sean Saunders, Sylvie Amu, Antonio Alcami and Padraic G. Fallon. *Schistosoma mansoni* worms secrete a Cyclophilin A with immunomodulatory activity. Under review August 2017
- + Christian Schwartz, Adnan R, Khan, Achilleas Floudas, Sean P. Saunders, Emily Hams, Hans-Reimer Rodewald, Andrew N. J. McKenzie, Padraic G. Fallon. ILC2 regulate adaptive Th2 cell functions via PD-L1 checkpoint control. *The Journal of Experimental Medicine*. July 2017

- ✚ Sean P. Saunders, Achilleas Floudas, Tara Moran, Yoichiro Iwakura & Padraic G. Fallon. A mouse model of IL-17 dependent spontaneous atopic dermatitis and lung inflammation. Currently under submission to the *Journal of Allergy and Clinical Immunology*. May 2017
- ✚ Floudas A, Amu S, Fallon PG. New Insights into IL-10 Dependent and IL-10 Independent Mechanisms of Regulatory B Cell Immune Suppression. *J Clin Immunol*. 2016;36 Suppl 1:25-33.
- ✚ Saunders SP, Moran T, Floudas A, Wurlod F, Kaszlikowska A, Salimi M, Quinn EM, Oliphant CJ, Núñez G, McManus R, Hams E, Irvine AD, McKenzie AN, Ogg GS, Fallon PG. Spontaneous atopic dermatitis is mediated by innate immunity, with the secondary lung inflammation of the atopic march requiring adaptive immunity. *J Allergy Clin Immunol*. 2016;137(2):482-91
- ✚ Khan AR, Hams E, Floudas A, Sparwasser T, Weaver CT, Fallon PG. PD-L1hi B cells are critical regulators of humoral immunity. *Nat Commun*. 2015;6:5997.
- ✚ Jopson L, Newton JL, Palmer J, Floudas A, Isaacs J, Qian J, Wilkinson J, Trenell M, Blamire A, Howel D, Jones DE. RITPBC: B-cell depleting therapy (rituximab) as a treatment for fatigue in primary biliary cirrhosis: study protocol for a randomised controlled trial. *BMJ Open*. 2015;5(8):e007985.
- ✚ Ciechomska M, Wilson CL, Floudas A, Hui W, Rowan AD, van Eden W, Robinson JH, Knight AM. Antigen-specific B lymphocytes acquire proteoglycan aggrecan from cartilage extracellular matrix resulting in antigen presentation and CD4+ T-cell activation. *Immunology*. 2014 Jan;141(1):70-8.
- ✚ Achilleas Floudas, Gabriella Aviello, Adnan R. Khan, Tara Moran, Sean Saunders, Padraic Fallon. *S. mansoni* worms control the gut microbiota to ameliorate DSS induced colitis. Manuscript in preparation.
- ✚ Achilleas Floudas, Christian Schwartz, James A. Johnston, Andrew N. McKenzie¹, Yoichiro Iwakura and Padraic G. Fallon. IL-17F mediated lung injury following infection with *N.brasiliensis*. Manuscript in preparation.

LABORATORY EXPERIENCE

- ✚ 06/2017 Advanced microscopy training at the University of Turku and the university of Oulu, Finland. Two-photon microscopy, intra-vital microscopy, in situ cytokine staining.
- ✚ 1/2014-to date: research assistant and postdoctoral fellow post. Techniques include: Extensive experience with mouse models of skin inflammation and allergy with emphasis in mouse models of atopic dermatitis and psoriasis, including both induced (MC903, Aldara cream, HDM, OVA-tape stripping) and spontaneous mouse models (*Filaggrin*, *Tmem79*, *Il17ra*). Additional expertise in helminth models of *N.brasiliensis* and *S. Mansoni* infections including maintenance of *N.brasiliensis* life cycle. Experienced with models of lung injury and inflammation including infection with *N.brasiliensis*, papain induced acute lung inflammation and administration of aerosolized OVA. Ability

- 2012 Biotechnology YES competition (CEO (team leader))
- 2011-2013 Student representative at the postgraduate research committee of Newcastle Medical school
- 2011-2013 Student representative at the ICM postgraduate committee
- 2012-2013 Student representative at the Immunology North East, BSI regional group

FOREIGN LANGUAGES

- + English (excellent)
 - o 2009 IELTS exam by the British Council (score: 7.5/9)
 - o 2003 certificate of Proficiency in English (University of Cambridge)
 - o 2002 certificate in Advanced English (University of Cambridge)
 - o 2000 First certificate in English (University of Cambridge)
- + German (Reading ability)
- + Greek (mother tongue)

COMPUTER KNOWLEDGE

- + Microsoft windows, Office suite
- + Design and fitting software Microcal Origin, Prism, BD FACS Diva, FlowJo, Chemoffice

INTERESTS:

- + Fencing (epee ranking 24th in Ireland for 2017)
- + Reading