

CURRICULUM VITAE

ABADIE Valérie

The University of Chicago
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1. CURRENT POSITION

2018-present: Research Assistant Professor, Department of Medicine, Section of Gastroenterology, University of Chicago

2. POSITIONS AND EMPLOYMENT

1999-2000: Research Assistant, Pharmacology and Structural Biology Institute, Toulouse (France)

2000-2001: Research Assistant, Saint-Louis hospital, Paris (France)

2001-2005: Doctoral candidate in Microbiology-Virology, Pasteur Institute, Paris (France)

2006-2008: Post-Doctoral fellow, INSERM U543, Paris (France)

2008-2011: Post-Doctoral fellow, Department of Medicine, University of Chicago, Chicago, IL, (USA)

2012-2018: Assistant Professor, Department of Microbiology, Infectiology, and Immunology, University of Montréal, QC, (Canada)

2018-present: Research Assistant Professor, Department of Medicine, Section of Gastroenterology, University of Chicago

3. EDUCATION

2001-2005: Ph.D Microbiology-Virology, University of Paris VII Denis Diderot, France.

2000-2001: M.Sc. Degree Microbiology, University René Descartes - Faculty of medicine Necker Paris V, France.

1999-2000: M.Sc. Degree, University Paul Sabatier Toulouse III, France.

1995-1999: B.Sc Degree in Cellular Biology and Physiology, University Paul Sabatier Toulouse III, France.

4. RESEARCH EXPERIENCE

April 2008- December 2011: Post-doctoral scholar supervised by Dr. B. Jabri
Department of Medicine, University of Chicago, Chicago, USA.

2006- March 2008: Post-doctoral fellow supervised by Dr. B. Combadière
Laboratory of Cellular Immunology-INSERM U543, Faculty of medicine Pitié-Salpêtrière, Paris, France.

2001-2005: Ph.D supervised by Pr. B. Gicquel, Dr. N. Winter
Mycobacterial Genetics Unit, Pasteur Institute, Paris, France.

2000-2001 : M.Sc. Degree supervised by Dr. J.L. Herrmann
Laboratory of Bacteriology-Virology, Saint-Louis hospital, Paris, France.

1999-2000: M.Sc. Degree supervised by Dr. C. Astarie-Dequeker and Dr. G. Etienne

Laboratories of Dr. M. Daffé and Dr. I. Maridonneau-Parini
Pharmacology and Structural Biology Institute (IPBS-CNRS UPR 9062), Toulouse, France.

5. AWARDS AND DISTINCTIONS

2017: Best oral presentation. 17th International Celiac Disease Symposium, NewDelhi, India.

2017: President's rising stars abstracts. 18th International Congress of Mucosal Immunology. Frontiers in mucosal immunology and disease. Washington DC, USA

01/07/2014-30/06/2018: FRSQ Salary Grant (Junior 1)

2013: JA Campbell Research Award from the **Canadian Celiac Association**.

2011: Young IBD Investigator Award in the Research Fellowship Award category from the **Crohn's & Colitis Foundation of America**.

2010-2011: Crohn's & Colitis Foundation of America (CCFA) research fellowship award.

2007: Best poster presentation. French Society of Immunology Symposium, Lyon, France.

2006-2007: Post-Doctoral fellowship from **Fondation pour la Recherche Médicale (FRM)** from 01/01/2006 to 12/31/2007.

01/10/2005-31/12/2005: Doctoral fellowship Pasteur-Weizmann.

01/01/2002-12/31/2004: Doctoral fellowship from **ANRS** (National Agency for AIDSresearch).

2004: Travel Award from CFCD (French Dendritic cells club) to attend the 8th International Symposium on Dendritic Cells : DC2004, Bruges, Belgium.

6. PUBLICATION RECORD

Book chapters

Abadie V., Jabri B. Immunopathology of celiac disease. In: Mucosal Immunology, Fourth Edition, Elsevier – 01 Apr. 2015.

Articles in peer-reviewed journals

1. Voisine J. and **Abadie V.** 2021. Interplay between gluten, HLA, innate and adaptive immunity orchestrates the development of coeliac disease. *Frontiers in Immunology*, in press. 160(7): 2608-2610.e4.

1. Lejeune, T., Meyer C., and **Abadie V.** 2021. B lymphocytes contribute to celiac disease pathogenesis. *Gastroenterology*, 160(7): 2608-2610.e4.

2. **Abadie V.** 2020. A new mouse model of celiac disease with villous atrophy. *Med.Sci (Paris)* 36(11):969-972.

3. **Abadie, V***†, Kim, S.K.*, Lejeune, T.*, Palanski, B.A., Ernest J.D., Tastet, O., Voisine J., Discepolo, V., Marietta, E.V., Fahmy, M., Ciszewski C., Bouziat, R., Panigrahi, K., Irina Horwath, I., Zurenski, M.A., Lawrence, I., Dumaine, A., Yotova, V., Grenier, JC., Murray, J.A., Khosla, C., Luis B. Barreiro, L.B., and **Jabri, B**†. 2020. The interplay between IL-15, gluten and HLA-DQ8 drives the development of coeliac disease in mice. *Nature*, 578(7796), 600-604. * These authors contributed equally to the work. † Co-senior and corresponding authors.

4. Bouziat R., Hinterleitner R., Brown J.J., Stencel-Baerenwald J.E., Ikizler M., Mayassi T., Meisel M., Kim S.M., Discepolo V., Pruijssers A.J., Ernest J.D., Iskarpatyoti J.A., Costes L.M.M., Lawrence I., Palanski B.A., Varma M., Zurenski M.A., Khomandiak S., McAllister N., Aravamudhan P., Boehme K.W., Hu F., Samsom J.N., Reinecker H-C, Kupfer S.S., Guandalini S., Semrad C.E., **Abadie V.**, Khosla C., Barreiro L.B., Xavier R.J., Ng A., Dermody T.S., and B. Jabri. 2017. Reovirus infection triggers inflammatory responses to dietary antigens and development of celiac disease. *Science*, 356(6333): 44-50.

5. Jabri B. † and **Abadie V.** †. **2015**. IL-15 functions as a danger signal to regulate tissue-resident T cells and tissue destruction. *Nature Reviews Immunology*, 15(12): 771-83.

† co-corresponding authors

6. Tang F., Sally B., Discepolo V., Lesko K., **Abadie V.**, Ciszewski C., Semrad C., Guandalini S., Kupfer S.S., Jabri B. **2015**. Cysteinyl leukotrienes mediate lymphokine killer activity induced by NKG2D and IL-15 in cytotoxic T cells during celiac disease. *The Journal of Experimental Medicine*, 212(10):1487-95

7. Setty M., Discepolo V., **Abadie V.**, Kamhawi S., Mayassi T., Kent A., Ciszewski C., Maglio M., Kistner E., Bhagat G, Semrad C., Kupfer S.S., Green P.H., Guandalini S., Troncone R., Murray J.A., Turner J.R., Jabri B. **2015**. Distinct and Synergistic Contributions of Epithelial Stress and Adaptive Immunity to Functions of Intraepithelial Killer Cells and Active Celiac Disease. *Gastroenterology*, 149(3) : 681-691.

8. **Abadie V.** and B. Jabri, **2014**. IL-15: a central regulator of celiac disease immunopathology. *Immunological reviews*, 260(1): 221-34.

9. Tang F., Sally B., Ciszewski C., **Abadie V.**, Curran S.A., Groh V., FitzGerald O., Winchester R.J., and B. Jabri, **2013**. Interleukin 15 primes natural killer cells to kill via NKG2D and cPLA2 and this pathway is active in psoriatic arthritis. *PLoS One* 8(9): e76292.

10. Duffy D., Perrin H., **Abadie V.**, Benhabiles N., Boissonnas A., Liard C., Descours B., Reboulleau D., Bonduelle O., Verrier B., Van Rooijen, Combadière C. and Combadière B., **2012**. Neutrophils drag and drop antigen from the dermis to the bone marrow initiating an alternative source of memory CD8⁺ T cells. *Immunity*, 37(5): 917-29.

11. **Abadie V.** †, Discepolo V. and B. Jabri †. **2012**. Intraepithelial lymphocytes in celiac disease immunopathology. *Seminars in Immunopathology*, 34(4):551-66. † co-corresponding authors

12. **Abadie V.**, Sollid L.M., Barreiro L.B. and B. Jabri. **2011**. Integration of genetic and immunological insights into a model of celiac disease pathogenesis. *Annual Review of Immunology*, 29:493-525.

13. DePaolo R.W.* , **Abadie V.***, Tang F., **Fehlner-Peach H.**, Hall J.A., Wang W., Marietta E.V., Kasarda D.D., Waldmann T.A., Murray J.A., Semrad C., Kupfer S.S., Belkaid Y., Guandalini S. and B. Jabri, **2011**. Co-adjuvant effects of retinoic acid and IL-15 induce inflammatory immunity to dietary antigens. *Nature*, 471(7337):220-4.

* These authors contributed equally to the work.

14. Martino A., Badell E.* , **Abadie V.***, Balloy V., Chignard M., Mistou M.Y., Combadière B., Combadière C. and Winter N., **2010**. *Mycobacterium bovis* Bacillus Calmette-Guerin vaccination mobilizes innate myeloid-derived suppressor cells restraining in vivo T-cell priming via IL-1R-dependent nitric oxide production. *The Journal of Immunology* 184(4):2038-47.

* These authors contributed equally to the work.

15. **Abadie V.**, Bonduelle O., Duffy D., Parizot C., Verrier B., Combadière B., **2009**. Original encounter with antigen determines antigen-presenting cell imprinting of the quality of the immune response in mice. *PLoS One* 4(12): e8159.

16. Mahe B., Vogt A., Liard C., Duffy D., **Abadie V.**, Bonduelle O., Boissonnas A., Sterry W., Verrier B., Blume-Peytavi U., Combadière B., **2009**. Nanoparticle-Based Targeting of Vaccine Compounds to Skin Antigen-Presenting cells by hair follicles and their transport in mice. *J. Invest. Dermatol.* 129(5): 1156-64.

17. Dorgham K., Abadie V., Iga M., Hartley O., Gorochov G., Combadière B., **2008**. Engineered CCR5 superagonist chemokine as adjuvant in anti-tumor DNA vaccination. *Vaccine* 26 (26) :3252-60.
18. Morel C., Badell E., Abadie V., Robledo M., Setterblad N., Gluckman J.C., Gicquel B., Boudaly S., and Winter N., **2008**. Neutrophils and dendritic cells cooperate to induce *Mycobacterium bovis* BCG-specific T-cell responses in human and mouse systems. *Eur.J.Immunol.* 38(2): 437-447.
19. Vultos T.D., Méderlé I., Abadie V., Pimentel M., Moniz-Pereira J., Gicquel B., Reytrat J.M., and Winter N., **2006**. Modification of the mycobacteriophage Ms6 attP core allows the integration of multiple vectors into different tRNA^{Aala} T-loops in slow- and fast-growing mycobacteria. *BMC Mol Biol.* 7: 47.
20. Abadie V., Badell E., Douillard P., Ensergueix D., Leenen P.J.M., Tanguy M., Fiette L., Saeland S., Gicquel B., and Winter N., **2005**. Neutrophils rapidly migrate via lymphatics after *Mycobacterium bovis* BCG intradermal vaccination and shuttle live bacilli to the draining lymph nodes. *Blood* 106(5): 1843-1850.
21. Villeneuve C., Etienne G., Abadie V., Montrozier H., Bordier C., Laval F., Daffe M., Maridonneau-Parini I., Astarie-Dequeker C., **2003**. Surface-exposed glycopeptidolipids of *Mycobacterium smegmatis* specifically inhibit the phagocytosis of mycobacteria by human macrophages. Identification of a novel family of glycopeptidolipids. *J Biol Chem.*; 278(51): 51291-300.

7. RESEARCH FUNDING HISTORY

Ongoing Research Support

04/1/19 -03/31/22: Research Grant Award from the Celiac Disease Foundation

Project: Impact of B cell depletion on T-cell mediated immune responses and tissue destruction in Celiac Disease.

The goal of this project is to decipher whether B cells can act as antigen-presenting cells and contribute to the amplification of gluten-specific T cell immune responses in the context of celiac disease

Role: Principal applicant

06/10/09–05/31/24: 5U19AI082724-10 (Clark)

NIH/NIAID

University of Chicago Autoimmunity Center of Excellence

The central theme of the University of Chicago Autoimmunity Center of Excellence (UCACE) is tolerance and adaptive immunity in autoimmune diseases. For this ACE cycle, the UCACE has two over-riding goals.

The first part is to determine how adaptive autoimmunity evolves and is propagated in situ in lupus nephritis and how this compares to other autoimmune diseases with specific end organ involvement. The second examines the consequences of a loss of tolerance, and autoimmunity, in the development of protective immunity to infection.

Roles: Co-Investigator, Project 1

Completed Research Support

12/1/18 -11/30/19: Pilot & Feasibility mechanism of the University of Chicago's Digestive Diseases Research Center.

Project: Impact of B cells depletion on T-cell mediated immune responses and ensuing tissue destruction in Celiac Disease

Role: Principal applicant

01/04/2017 – 31/03/2022: CIHR Operating grant

Project: The role of intestinal B cells in celiac disease

Role: Principal investigator

2017/04/01 – 2023/03/31: Natural Sciences and Engineering Research Council of Canada – NSERC Create collaborative research and training experience program

Project: “Create in technologies of microbiome science and engineering”

Role: Co-applicant

2014/07/01 – 2018/06/30 : FRQS Salary grant- Junior 1

Project : Characterization of mucosal humoral responses to dsRNA viruses

Role : Principal investigator

2014/07/01 – 2017/06/30 : FRQS Salary grant- Young researcher establishment

Project : Characterization of mucosal humoral responses to dsRNA viruses

Role : Principal investigator

2014/07/01 – 2017/06/30: SickKids Foundation New Investigator Research Grants Program – Canadian Institute of Health Research of human Development, Child and Youth Health (IHDCYH) (NI-15-040)

Project : “Role of B cells in Celiac Disease”

Role: Principal investigator

2014/04/01 – 2019/03/31: Natural Sciences and Engineering Research Council of Canada – Discovery grant

Project: “Impact of IL-15 on germinal center responses”

Role: Principal investigator

2013/10/01 – 2014/09/30: Catalyst Grant: Environments, Genes and Chronic Disease

Project: Deciphering the pathways associated with tissue destruction in celiac disease

Role: Principal investigator

2013/08/01 – 2014/07/31: JA Campbell Research Award from the Canadian Celiac Association

Project : "Development of a Physiopathological Mouse Model of Celiac Disease"

Role: Principal investigator

8. PRESENTATIONS

Invited speaker

1. NIH/NIAID Workshop “Accelerating Progress in Celiac Disease Research”, March 18th, **2021**

2. From human studies to a preclinical mouse model of celiac disease. New Frontiers in therapies for celiac disease. Celiac Disease Center at the University of Chicago, November 23th, **2019**.
3. Lessons from animal models in celiac disease. Digestive Diseases Research Core Center, Department of Medicine, Section of Gastroenterology, Hepatology, and Nutrition, The University of Chicago, November 7th, **2019**.
4. Lessons from animal models in celiac disease. 17TH International Coeliac Disease Symposium 2019, Paris, France, September 6th, **2019**.
5. Deciphering the immunopathogenesis of celiac disease. CR-CHUM, Montreal, Canada, 05/22/**2018**.
6. Deciphering the immunopathogenesis of celiac disease. INRS Armand-Frappier, Laval, Canada, 04/04/**2017**.
7. Impact of IL-15 dysregulation on celiac disease pathogenesis. University of Sherbrooke, Canada, April 30th, **2015**.
8. Role of IL-15 in the regulation of immune responses. Department of Pharmacology, University of Montreal, Montreal, Canada, November 20th, **2014**.
9. IL-15 and humoral responses. Retraite scientifique du Département de Microbiologie, infectiologie, et immunologie, Joliette, Canada, November 14th, **2014**.
10. From Human to Mouse: reverse engineering of a mouse model for celiac disease; Immuno Montreal 5 à 7, Montréal, Canada, October 30th, **2013**.
11. From Human to Mouse: reverse engineering of a mouse model for celiac disease; 15TH International Coeliac Disease Symposium 2013, Chicago, USA, September 25th, **2013**.
12. Impact of IL-15 dysregulation on celiac disease pathogenesis; The American Association of Immunologists annual meeting, Canadian Society for Immunology Symposium, Honolulu, Hawaii, USA, May 5th, **2013**.
13. Regulation of intestinal immune responses in Health and Disease; Centre de recherche de l'Hôpital Sainte-Justine, Saint-Sauveur, Canada, April 24th, **2013**.
14. Update on the immunobiology of celiac disease; Canadian Nutrition Society Annual Meeting, Vancouver, Canada, May 25th, **2012**.
15. Impact of retinoic acid and IL-15 on the response to oral antigens; Institut Armand-Frappier, Laval, Canada, June 15th, **2011**.
16. Impact of retinoic acid and IL-15 on the response to oral antigens; Centre de recherche Hôpital Sainte-Justine, Montréal, Canada, January 28th, **2011**.
17. Impact of retinoic acid and IL-15 on the response to oral antigens; Centre de recherche Hôpital Maisonneuve-Rosemont, Montréal, Canada, May 04th, **2010**.
18. Impact of retinoic acid and IL-15 on the response to oral antigens; Université de Montréal, Département de microbiologie et immunologie, Montréal, Canada, May 3rd, **2010**.

19. Early cellular and immune events following intradermal vaccination by *Mycobacterium bovis* BCG in the mouse model; Microbial Pathogenesis Department, Pasteur Institute, Paris, France, October 15th, **2004**.

20. *Early cellular migrations after Mycobacterium bovis BCG vaccination in the mouse dermis*; French Dendritic cells club, Vital Imaging of Immune Cells, Curie Institute, Paris, France, May 17th, **2004**.

Oral presentations at international meetings

1. Contribution of the humoral response to the pathogenesis of celiac disease; Keystone Symposium 'Tissue Immunity', Boulder, USA, January 28th, **2020**.

1. From Human to Mouse : Reverse Engineering of a Mouse Model for Celiac Disease, 17th, International Celiac Disease Symposium, September 8th-10th **2017**, New Delhi, India.

2. From Human to Mouse and back : Advances in the Development of a Mouse Model for Celiac Disease. 18th International Congress of Mucosal Immunology and Disease, July 19-22, **2017**, Washington DC, USA.

3. Synergistic role of IL-15 in the epithelium and the lamina propria in celiac disease pathogenesis; 40th Annual Autumn Immunology Conference 2011, Chicago, USA, November 19th, **2011**.

4. Co-adjuvant effects of retinoic acid and IL-15 induce inflammatory immunity to dietary antigens; 14TH International Coeliac Disease Symposium 2011, Oslo, Norway, June 20th, **2011**.

5. Co-adjuvant effects of retinoic acid and IL-15 induce inflammatory immunity to dietary antigens; Keystone Symposium 'Mucosal Biology: A fine balance between tolerance and immunity', Vancouver, Canada, February 3rd, **2011**.

6. IL-15 synergizes with retinoic acid to disrupt regulatory Foxp3⁺ T cell responses in the intestine: a link to celiac disease; The University of Chicago Biomedical Sciences Cluster retreat, April 26th, **2009**.

Poster presentations

1. T. Lejeune, C. Meyer, J. Ernest, J. Voisine, S. Kim, B. Palanski, Eric V. Marietta, Joseph A. Murray, C. Khosla, **V. Abadie**. **Contribution of the humoral response to pathogenesis of celiac disease**. DDRCC Directors' Meeting 2020, February 20-21, 2020, San Francisco, USA.

2. **Abadie V.**, Kim S., Lejeune T., Ernst J., Marietta E.V., Ciszewski C., Zurenski M., Murray J.A., Khosla C., Barreiro L.B., and B. Jabri (2017). From Human to Mouse and Back: Advances in the Development of a Mouse Model for Celiac Disease. 18th International Congress of Mucosal Immunology, Frontiers in mucosal immunology and disease, July 19-22, 2017, Washington DC, USA.

3. Discepolo V., Setty M., Ciszewski C., **Abadie V.**, Maglio M., Troncone R., Guandalini S., and Jabri B. (2015) Epithelial stress and adaptive immune response synergise to license cytotoxic T cells to kill intestinal epithelial cells in celiac disease. ESPGHAN2015, 48th annual meeting, Amsterdam, The Netherlands, 05-06/09-2015

5. Lejeune T., Miguel I., Mairet-Khedim M., Boufaied I. and **Abadie V.** (2015). Impact of Interleukin-15 on humoral immune responses. 30eme Congres des Etudiants du Centre de recherche de l'Hôpital Sainte-Justine, Montréal, Canada, 05/27/2015.
5. **Abadie V.** (2013) Synergistic role of IL-15 in the epithelium and the lamina propria in celiac disease pathogenesis. CIHR New Investigator Forum, LacDelage, Quebec, Canada, June 1st, 2013.
6. **Abadie V.**, Ciszewski C., Setty M., Marietta E.V., Fehlner-Peach H., Wang W., DePaolo R.W., Murray J.A., Guandalini S. and B. Jabri (2011) Synergistic role of IL-15 in the epithelium and the lamina propria in celiac disease pathogenesis. 40th Annual Autumn Immunology Conference 2011, Chicago, USA, November 19th, 2011.
7. **Abadie V.***, DePaolo R.W.*, Tang F., Fehlner-Peach H., Hall J.A., Wang W., Marietta E.V., Kasarda D.D., Waldmann T.A., Murray J.A., Semrad C., Kupfer S.S., Belkaid Y., Guandalini S. and B. Jabri (2011) Co-adjuvant effects of retinoic acid and IL-15 induce inflammatory immunity to dietary antigens; Keystone Symposium 'Mucosal Biology: A fine balance between tolerance and immunity', Vancouver, Canada, February 27th, 2011.
8. **Abadie V.***, R.W. DePaolo*, F. Tang, J.A. Hall, W Wang, E.V. Marietta, D. Kasarda, J.A. Murray, Y. Belkaid, and B. Jabri (2010) Co-adjuvant effects of retinoic acid and IL-15 induce inflammatory immunity to dietary antigens. The University of Chicago Biomedical Sciences Cluster retreat, 2010.
9. **Abadie V.**, Bonduelle O., Duffy D., Parizot C., Verrier B., Combadière B. (2007) Impact of the route of immunization on Modified Vaccinia virus Ankara-elicited immune responses; Vaccine Congress, Amsterdam, The Netherlands, December 9th, 2007.
10. **Abadie V.**, Bonduelle O., Duffy D., Parizot C., Verrier B., Combadière B. (2007) Differential induction of T-cell immunity by intramuscular and intradermal route of Modified Vaccinia virus administration; French Society of Immunology, Lyon, France, November 26th, 2007.
11. **Abadie V.**, Bonduelle O., and Combadière B. (2006) Single IFN- γ -Inducible Protein 10 (IP-10/CXCL10)-Ig administration elicits protective antitumor immunity; 16th European Congress of Immunology, Paris, France, September 6th, 2006.
12. **Abadie V.**, Badell E., Douillard P., Ensergueix D., Leenen P.J.M., Tanguy M., Fiette L., Saeland S., Gicquel B., and Winter N. (2005) Neutrophils rapidly migrate via lymphatics after *Mycobacterium bovis* BCG intradermal vaccination and shuttle live bacilli to the draining lymph nodes; Sixth International Conference on the Pathogenesis of Mycobacterial Infections, Stockholm, Sweden, June 30th, 2005.
13. **Abadie V.**, Badell E., Douillard P., Ensergueix D., Leenen P.J.M., Tanguy M., Fiette L., Saeland S., Gicquel B., and Winter N. (2004) Polymorphonuclear neutrophils are main host cells for *Mycobacterium bovis* BCG both in skin and draining lymph node very early after intradermal vaccination; DC2004: 8th International Symposium on Dendritic Cells, Bruges, Belgium, October 17th, 2004.

9. STUDENTS SUPERVISION

Undergraduate students

09/2016-12/2016 : **Elyse Boucher**

Project: Visualisation of the impact of B cell depletion on T cells by immunohistochemistry

05/2016-present: **Cedric Canaff**

Project: Impact of IL-15 on B cell activation

09/2016-12/2016 : **Pare Vanessa**

Project: Impact of short chain fatty acids on antibody production

05/2016-present: **Maxime Brisson**

Project: Contribution of IL-15 to the deregulation of germinal center responses following oral immunisation

05/2016-06/2016 : **Goyer Camille**

Project: Impact of short chain fatty acids on antibody production

06/2015-08/2015 : **Geoffrion Dominique**

Project: Contribution of IL-15 to the deregulation of germinal center responses following oral immunisation

05/2015-08/2015 : **Maxime Brisson**

Project: Contribution of IL-15 to T-independent B cell responses

01/2014-05/2014 : **Diego Alves Soares**

Project: Role of IL-15 on germinal center responses.

09/2013-06/2014 : **Melissa Mairet-Khedim**

Project: Role of IL-15 on germinal center responses.

09/2008-08/2009: **Andrew Kent**

Project: Viral dysregulation of mucosal regulatory mechanisms.

07/2010-08/2010: **Hannah Fehlner-Peach**

Project: Evaluation of the synergistic role of poly(I:C) and gliadin in promoting inflammatory responses

08/2010-08/2011: **Hannah Fehlner-Peach**

Project: Synergistic role of IL-15 in the epithelium and the lamina propria in celiac disease pathogenesis

Master students

02/2013-08/2013: **Isabelle Miguel**

Project: Role of IL-15 in the generation and function of Foxp3⁺ follicular regulatory T cells

Graduate students

02/2015-12/2019: **Thomas Lejeune**

Project: Interactions between interleukin-15, HLA-DQ8 and gluten lead to the development of celiac disease in mice

Post-doctoral scholars

02/2019-present: **Celine Meyer**

Project: Role of B cells as antigen-presenting cells on the amplification of T cell immune responses in celiac disease

10. TEACHING

Annual teaching load 2013-2018 University of Montreal

MCB2991	Immunology. 6 hours of teaching to undergraduate students.
MCB7001	Immunology-Microbiology. 4 hours of teaching to graduate students
MCB6031	Mucosal Immunology. 3 hours of teaching to graduate students
MCB3010	Immunology. 4 hours of teaching to undergraduate students.
MCB3008	Immunology. 2 hours of teaching to undergraduate students
PHL6093	Mucosal Immunology. 3 hours of teaching to graduate students

Teaching University of Chicago

2021 One Lecture, Immunopathology Course BIOS 25258/01 IMMU 30010/01 PATH 30010/01

11. EXTERNAL REVIEWER

2012:	The Netherlands Organization for Health Research and Development (ZonMw) Peer Review Committee, ad hoc reviewer
2014:	CIHR Peer Review Committee: Immunology and Transplantation, ad hoc reviewer
2014-	Member Canadian Society for Immunology
2014:	FRQS Peer Review Committee: Post-doctoral fellowships
2014-2015:	Fundazione celiachia Review Committee
2015:	FRQS Peer Review Committee: Post-doctoral fellowships
2016-	Member North American Society for the Study of Celiac Disease
2016:	SickKids Foundation Peer Review Committee: New Investigator Grant Reviews, ad hoc reviewer
2017:	FRQS Peer Review Committee: Doctoral fellowships
2017:	French National Research Agency. Peer Review Committee, ad hoc reviewer
2017:	CIHR Peer Review Committee: Immunology and Transplantation, ad hoc reviewer
2017-	Member American Gastroenterological Association
2018:	FRQS Peer Review Committee: Doctoral fellowships
2018:	CIHR Peer Review Committee: Fellowships - Post-PhD, ad hoc reviewer
2018:	CIHR Peer Review Committee: Immunology and Transplantation, ad hoc reviewer
2018:	The Netherlands Organization for Health Research and Development (ZonMw) Peer Review Committee, ad hoc reviewer
2018:	Fundazione celiachia Review Committee
2018:	CIHR Peer Review Committee: Team Grant: Immunology Initiative, ad hoc reviewer
2019:	CIHR Peer Review Committee: Fellowships - Post-PhD, ad hoc reviewer
2021	CIHR Peer Review Committee: Team Grant: Preparation to Trial: Inflammation for Chronic Conditions.

12. INTERRUPTIONS

Maternity leave: 06/09/2012-26/01/2013

Maternity leave: 06/12/2015-01/08/2016