OLIVIER DEVERGNE, Ph.D.
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EDUCATION

Ph.D. Molecular and Cellular Biology. Université (University of) Nice Sophia Antipolis, France. **2006**
Ph.D. Defense: October 16, 2006. Ph.D. Advisor: Stéphane Noselli

EMBO Young Investigator Ph.D. Course. EMBL, Heidelberg, Germany. **2004**

Master of Science (MS) in Biochemistry and Cellular Biology. **2002**
Université Nice Sophia Antipolis, France.
Subjects studied include: Biochemistry, Developmental Biology, Molecular Biology, Genetics and Cellular Biology.

Licence (corresponds to a Bachelor's degree) in Biochemistry and Cellular Biology. **2000**
Université Nice Sophia Antipolis, France.
Subjects studied include: Biochemistry, Molecular Biology, Genetics, and Cellular Biology.

RESEARCH POSITIONS AND TRAINING

Northern Illinois University, DeKalb, IL – Department of Biological Sciences **2018-present**
Assistant Professor

Princeton University, Princeton, NJ – Department of Molecular Biology **2013-2018**
Associate Research Scholar (Postdoctoral Fellow) – Mentor: Prof. Trudi Schüpbach, Ph.D.

Topic: Control of basement membrane secretion in polarized epithelial cells.

Howard Hughes Medical Institute, Princeton University, Princeton, NJ **2009-2013**
Postdoctoral Research Associate – Mentor: Prof. Trudi Schüpbach, Ph.D.

Topic: Control of basement membrane secretion in polarized epithelial cells.

Yale School of Medicine, New Haven, CT – Section of Microbial Pathogenesis **2007-2009**
Postdoctoral Associate – Mentor: Prof. Hervé Agaisse, Ph.D.

Topic: Identification of host factors involved in intracellular pathogen infection

Université Nice Sophia Antipolis, France – Institute of Signaling, Developmental Biology and Cancer 2001-2006
Master's Degree and Ph.D. Student – Advisor: Stéphane Noselli, Ph.D.

Topic: Study of the JAK/STAT pathway during oogenesis in *Drosophila melanogaster*

GRANTS AND FELLOWSHIPS AWARDED

Fondation Recherche Medicale (FRM) Fellowship, France **2007**
French foundation that finances top medical research.
Postdoctoral Fellowship (SPE20061208691). Approx. $32,000. Awarded to <30% of applicants.
01/01/2007-12/31/2007

Association pour la recherche sur le cancer (ARC) Fellowship, France **2005-2006**
French foundation that finances top medical research related to cancer.
Pre-doctoral Fellowship. Approx. $19,000. Highly competitive fellowship.
10/01/2005-09/30/2006

Graduate Program Fellowship (French Department of Research) **2002-2005**
Approx. $56,000. Awarded to <20% of applicants.
10/01/2002-09/31/2005

PEER-REVIEWED PUBLICATIONS (# designates undergraduate author)

- Devergne O., Sun G. H.[#] and Schüpbach T. (2017). Stratum, a Homolog of the Human GEF Mss4, Partnered with Rab8, Controls the Basal Restriction of Basement Membrane Proteins in Epithelial Cells. ***Cell Reports*, 18 (8)**: 1831-1839.

- Devergne O., Tsung K.[#], Barcelo G. and Schüpbach T. (2014). Polarized deposition of basement membrane proteins depends on Phosphatidylinositol synthase and the levels of Phosphatidylinositol 4,5-bisphosphate. ***Proc Natl Acad Sci USA***, **111 (21)**: 7689-7694.

- Ghiglione C., Devergne O., Cerezo D. and Noselli S. (2008). *Drosophila* RalA is essential for the maintenance of Jak/Stat signalling in ovarian follicles. ***EMBO Reports***, **9 (7)**: 676-82.

- Devergne O., Ghiglione C. and Noselli S. (2007). The endocytic control of JAK/STAT signalling in *Drosophila*. ***Journal of Cell Science***, **120 (19)**: 3457-3464.

- Ghiglione C.*, Devergne O.*, Georgenthum E., Carballès F., Medioni C., Cerezo D. and Noselli S. (2002). The *Drosophila* cytokine receptor Domeless controls border cell migration and epithelial polarization during oogenesis. ***Development*, 129 (23)**: 5437-5447. (* Co-first authors)

SELECTED SCIENTIFIC PRESENTATIONS (since 2011)

- **The 58th Annual Drosophila Research Conference, Genetics Society of America. San Diego, CA. 2017**
  Stratum, a Homolog of the Human GEF Mss4, Partnered with Rab8 Controls the Basal Restriction of Basement Membrane Proteins in Polarized Epithelial Cells. Devergne O., Sun G., Schüpbach T. Poster Presentation.

- **24th European Drosophila Research Conference. Heidelberg, Germany. 2015**
  Polarized Basement Membrane Secretion in the Follicular Epithelium of the Drosophila Ovary. Devergne O., Sun G. and Schüpbach T. Poster Presentation.

- **The 55th Annual Drosophila Research Conference, Genetics Society of America. San Diego, CA. 2014**
  The polarized deposition of basement membrane proteins depends on Phosphatidylinositol Synthase and the level of Phosphatidylinositol 4,5-bisphosphate. Devergne O., Tsung K., Barcelo G. and Schüpbach T. Poster Presentation.

- **Developmental Colloquium, Department of Molecular Biology, Princeton University. Princeton, NJ. 2014**
  Control of Basement Membrane Secretion in Polarized Epithelial Cells. Oral Presentation.

- **The 54th Annual Drosophila Research Conference, Genetics Society of America. Washington, DC. 2013**
  Phosphatidylinositol Synthase regulates the polarized deposition of basement membrane components. Devergne O. and Schüpbach T. Poster Presentation.

- **Howard Hughes Medical Institute Scientific Meeting. Chevy Chase, MD. 2013**
  Phosphatidylinositol Synthase regulates the polarized deposition of basement membrane components. Devergne O. and Schüpbach T. Poster Presentation.

- **American Society for Cell Biology Annual Meeting. San Francisco, CA. 2012**
  Phosphatidylinositol Synthase regulates the polarized deposition of basement membrane components. Devergne O. and Schüpbach T. Poster Presentation.

- **Annual Departmental Retreat, Department of Molecular Biology, Princeton University. Princeton, NJ. 2011**
  Pis, a new gene involved in the polarized deposition of basement membrane components. Oral Presentation.

- **70th Annual Society for Developmental Biology Meeting. Chicago, IL** **2011**
  Characterization of *GB73*, a new gene involved in the polarized deposition of basement membrane components. Devergne O., Denef N., Yan Y. and Schüpbach T. Poster Presentation.

TEACHING AND MENTORING EXPERIENCE

Northern Illinois University – Assistant Professor **2018-present**

- Mentoring:

  - Mentor and Research Supervisor to undergraduate Katherine Hahn-Boisvert – NIU. **2018-present**

Princeton University – Lecturer in the Department of Molecular Biology **2017-2018**

Princeton University – Instructor and Mentor of undergraduate and graduate students **2009-2018**

- Instructor: Prepared, led and graded papers in three different courses for Princeton University undergraduate students.

  - Laboratory in Molecular Biology (MOL350), Department of Molecular Biology, Princeton University **Fall 2017**
    Course designed to prepare undergraduate students to be a contributing member of a research lab by developing their creativity, critical thinking and communication skills. While completing original research, students employ techniques used by developmental geneticists, and cell and molecular biologists. I helped design, organize and teach the course, write assessments, and grade papers. Fall semester; 13 hours/week; 57 students divided into two sections.

  - Summer Undergraduate Research Program, Department of Molecular Biology, Princeton University **2014**
    Program for Princeton University and visiting students participating in summer research. I organized the schedule, facilitated class discussions and instructed students on how to write a scientific abstract, design a scientific poster and present an oral presentation. 9-week program met weekly for 1.5 hours; 10-15 students per class.

  - Junior Independent Work Seminar Course, Department of Molecular Biology, Princeton University **Fall 2013**
    Topic: **Epithelial Cell Polarity**. Course designed to teach junior Molecular Biology students how to critically read and evaluate the scientific literature. I designed the topic, selected scientific papers, facilitated class discussions, and graded papers. Course split into two 6-week sessions and met weekly for 1.5 hours; 10-15 students per class.

- Mentoring: Advised and led the thesis research of five undergraduate students and one graduate student.

  - Mentor and Research Supervisor to undergraduate Gina H. Sun – Princeton University. **2014-2015**
  - Mentor and Research Supervisor to undergraduate Tracie Yiqing Kong – Princeton University. **2013-2014**
  - Mentor and Research Supervisor to graduate student Megan Gladwin – Princeton University. **2011-2013**
  - Mentor and Research Supervisor to undergraduate Abidemi S. Adenikinju – Princeton University. **2012-2013**
  - Mentor and Research Supervisor to undergraduate Karen Tsung – Princeton University. **2011-2013**
  - Mentor and Research Supervisor to undergraduate Donald Miller – Summer Undergraduate Research Program, Princeton University. **2011**

The McGraw Center for Teaching and Learning, Princeton University **2014-2018**
Workshops attended include:
- Course Design Institute (July 2016)
- Blended Learning in Support of STEM (May 2016)

LEADERSHIP AND SERVICE

Université Nice Sophia Antipolis - Institute of Signaling, Developmental Biology and Cancer, France
- Elected delegate of the graduate student government for the Institute. **2005-2006**
- Organized the European Life Scientist Organization meeting in Nice, France. Student organizer. **2004**
- Organized the joint meeting of the British and French Societies for Developmental Biology. Student organizer. **2003**
- Organized the Université Nice Sophia Antipolis Ph.D. student meeting. **2003**

PROFESSIONAL AFFILIATION

Member, Genetics Society of America **2017-Present**