

CURRICULUM VITAE

CHIARA GAMBERI, PH. D.

CONTACT

Concordia University, Department of Biology, 7141 Sherbrooke St. W., SP-375-09
Montreal, Quebec
Canada H4B 1R6
Primary phone: 514-343 6111 ext. 43841
Primary email: chiara.gamberi@concordia.ca

CITIZENSHIP: Italian, Canadian.

WORK EXPERIENCE

Affiliate Assistant Professor, Biology Department, Concordia University, since June 2013.

Visiting Scholar, Université de Montréal, Chemistry Department, since February 2014.

Visiting Scholar, IRCM June 2012-January 2014.

Part-time Faculty, Concordia University, Biology, 09-2011 to 05-2013.

Research Associate, McGill University, Biology, 01-2005 to 03-2012.

Research Associate, University of Texas at Austin, Institute for Cellular and Molecular Biology, 03-2002 to 11-2004.

TRAINING

Postdoctoral Fellow, Developmental Biology, University of Texas at Austin (advisor E. Gottlieb) 04-1998 to 02-2002.

Postdoctoral Fellow, Developmental Biology, Ohio State University and University of Texas at Austin (advisor E. Gottlieb) 06-1997 to 03-1998.

Research Fellow, Gene Expression, European Molecular Biology Laboratory (EMBL), Heidelberg, Germany (advisor I. Mattaj) 02-1994 to 09-1996.

Ph. D., Molecular Biology and Cellular Pathology, University of Verona, Italy (advisor Prof. C. Morandi) 07-1990 to 2-1994.

Research Fellow, Biology, University of Verona, Italy (advisor Prof. C. Morandi) 08-1989 to 07-1990.
Tirocinio (Italian internship), Biology, University of Pavia, Italy (advisor Prof. V. Sgaramella) 10-1988 to 06-1999.

B. Sc. Biology, University of Pavia, Italy (advisors Prof. V. Sgaramella, Prof. L. Ferretti) 11-1985 to 07-1988.

DISTINCTIONS AND AWARDS

- 1- Burdine R: F1000Prime Recommendation of [Gamberi C et al., PLoS Genet 2017, 13(4):e1006694]. In F1000Prime, 04 Aug 2017; DOI: 10.3410/f.727503862.793535164. [F1000Prime.com/727503862#eval793535164](https://www.f1000prime.com/727503862#eval793535164)
- 2- Pierre and Marie Curie Fellowship, EU, 1994-1996.
- 3- EMBO short-term fellowship, 1993.
- 4- Cold Spring Harbor Laboratory Travel and Course Award, 1992.
- 5- Prize, outstanding B. Sc. Thesis, Italian Society for Biophysics and Molecular Biology, 1989.

DISSEMINATION AND PROFESSIONAL SERVICE

FEATURES, INTERVIEWS AND SCIENTIFIC DISSEMINATION

- 1- EurekaAlert, American Association for the Advancement of Science, AAAS (2017): https://www.eurekaalert.org/pub_releases/2017-09/cu-wtl091917.php
- 2- Phys.org (2017): <https://phys.org/news/2017-09-latest-gut-microbiota-concordia-microbiology.html>
- 3- Press release, Concordia University (2017): "What's the latest on gut microbiota? Concordia microbiology undergrads publish their findings" <https://www.concordia.ca/cunews/main/stories/2017/09/19/gut-microbiota-concordia-microbiology-undergrads-publish-their-findings.html?rootnav=news>
- 4- Interview, Corriere Italiano, August 30, 2017. "I moscerini e il Caffè-Scientifico" (Fruit flies and the Science Café) <http://www.corriereitaliano.com/attualita/in-primo-piano/2017/8/30/i-moscerini-e-il-caffe-scientifico-.html>
- 5- Press release, Concordia University (2017): "Revealed: the biochemical pathways of renal cystic disease" <https://www.concordia.ca/cunews/main/stories/2017/05/02/the-biochemical-pathways-of-kidney-disease-biology-fruit-flies.html?c=news>
- 6- Interview, Science and Communication blogs (2015) <https://blogs.jobs.ac.uk/science-and-technology/2015/09/11/interview-fruit-fly-expert/>
- 7- Interview, *Science* (2007). **315**: 695-9.

PEER REVIEW AND ADVISORY ACTIVITIES

- 1- External Reviewer, Fellowships ISSNAF (Italian Scientists and Scholars in North America Foundation), since 2015.
- 2- External Grant Reviewer, Italian Ministry of Health, 2010-2016.
- 3- Scientific Advisory Board member, CSIC-SQ (Italian Scientific Community in Canada, Section Québec), since 2011.

INVITED SEMINARS

- 2017 Institut Armand Frappier, Institut National de la recherche scientifique, Montréal.
- 2016 Department of Biochemistry, Université de Montréal, Group Joelle Pelletier.
- 2016 Biology Department Retreat, Concordia University.
- 2014 Department of Biochemistry, Université de Montréal, Group Joelle Pelletier.

2013 Institut Armand Frappier, Institut national de la recherche scientifique, Montréal.
2013 Faculty of Medicine, Division of Nephrology, University of Verona, Italy.
2013 Department of Pharmacology and Biotechnology, University of Bologna, Italy.
2012 Biology, Concordia University, Montreal.
2011 Riboclub Seminar Series, Sherbrooke, Québec.
2011 Institute of Genetics, University of Bologna, Italy.
2008 Institute of Genetics, University of Bologna, Italy.
2007 Institute of Genetics, University of Bologna, Italy.
2007 Center for Genomic Regulation (CRG), Barcelona, Spain.

ORGANIZED WORKSHOPS AND INVITED PRESENTATIONS

- 1- Scientific coordinator, Science Café “Perspectives on Polycystic Kidney Disease”. 17 November, 2017. Under the auspices of the Polycystic Kidney Disease Foundation of Canada, Section of Montréal, Québec, the Italian Embassy, and the Italian Consulate of Montréal.
- 2- Invited speaker “Promoting Careers in Research by Enhancing the Postdoctoral Experience”. 2005, American Association for the Advancement of Science (AAAS) Annual Meeting, Washington DC. Symposium “Enhancing Research Careers: American, European and Global Perspectives”.
- 3-Workshop co-organizer: “Addressing International Postdoc Issues”. 2005. Annual Meeting of the National Postdoctoral Association, National Institutes of Health, Bethesda, MD, USA.
- 4-Workshop co-organizer: “Enhancing the Postdoctoral Experience”. 2006. Annual Meeting of the Association of International Educators NAFSA, Montréal, QC, Canada.

PROFESSIONAL ORGANIZATIONS

2014-today: The American Society of Nephrology, member.
2011-today: Scientific Advisory Board, The Italian Scientists and Scholars of North America Foundation (ISSNAF) and Italian Scientific Community in Canada, Section Québec.
2007-today: The Italian Scientists and Scholars of North America Foundation (ISSNAF), Italian Scientific Community in Canada, Section Québec.
2003-2008: National Postdoctoral Association. Vice-chair, International Postdoctoral Committee.
2003-today Genetics Society of America.

ACADEMIC TEACHING

COURSES (Concordia University)

- 1- Mechanisms of Development, BIOL366, Winter 2018.
- 2- Immunology, BIOL462/BIOL633, Winter 2018.
- 3- Immunology, BIOL462/BIOL633, Fall 2017.
- 4- Comparative Physiology, BIOL382, Fall 2017.
- 5- Mechanisms of Development, BIOL366, Winter 2017.
- 6- Immunology, BIOL462/BIOL633, Winter 2017.
- 7- Immunology, BIOL462/BIOL633, Fall 2016.
- 8- Scientific Communication BIOL670/BIOL498, Fall 2016.
- 9- Vertebrate Biology, BIOL330, Winter 2016.
- 10- Microbiology, BIOL371, Fall 2015.
- 11- High Throughput Instrumentation, BIOL524/486/680G, Winter 2015.
- 12- Microbiology, BIOL371, Fall 2014.
- 13- Vertebrate Biology, BIOL330, Winter 2013.
- 14- Advanced Cell Biology, BIOL467/BIOL634, Fall 2012.
- 15- Mechanisms of Development, BIOL366, Fall 2011.

SUPERVISORY AND COMMITTEE EXPERIENCE

- 1- BIOL490 Independent Studies, Undergraduate, Concordia University.
 - a. Kahlila Paul-Cole (supervisor). Fall 2017-Winter 2018.
 - b. Jessica Porras-Marroquin (supervisor). Summer-Fall 2017.
 - c. Susannah Selber-Hnatiw (supervisor). Summer-Fall 2016.
 - d. H el ene Ben Soussan (supervisor). Fall 2014 - Spring 2015, Dean's Scholars List 2015.
 - e. H el ene Ben Soussan, Concordia University Student Research Award (supervisor). Summer 2015.
 - f. Kevin De Oliveira (co-supervisor Prof. A. Piekny). Summer - Fall 2013.
 - g. David De Longchamp (co-supervisor Prof. P. Gulick). Fall 2012-Spring 2013.
 - h. Karamat Ariana (committee member). Spring 2016.
 - i. Daniel Beudet (committee member). Spring 2014.
- 2- BIOL516 Project in Biotechnology and Genomics, graduate Diploma studies, Concordia University.
 - a. October 2015-May 2016. Ms. Cassandra Millet-Boureima (supervisor),
 - b. December 2015. Ms. Raha Omran Parvizi (examiner).
- 3- Summer 2015 Ms. H el ene Ben Soussan, CUSRA Fellow (Concordia University Undergraduate Summer Research Award) and Dean's Scholars List 2015.
- 4- 2011 Dr. J. Solana, postdoctoral fellow, Nottingham University, co-supervisors Prof. Aziz Aboobaker, Prof. Paul Lasko.
- 5- 2010-2011 Dr. Pamela Lorenzi, Graduate, University of Verona, international research internship, co-supervisor Prof. Carlo Morandi.
- 6- Between 2005 and 2012 I also supervised seven undergraduate and two graduate students, from McGill Biology and from international exchange programs (DAAD, Germany, principal supervisor and University of Bologna, co-supervisor).

AWARDS

- 1- Concordia University Part Time Faculty Association Professional Development Grant (Oncogene Activation in cystic disease: towards a polycystic kidney disease cure). May 2017-April 2018.
- 2- Concordia University Part Time Faculty Association Professional Development Grant (Oncogene activation in cystic disease: in search of a polycystic kidney disease cure). May 2016-2017.
- 3- *Italian Ministry for Foreign Affairs, projects Italy-Québec* (Molecular mechanisms of translational control and pathology of germ cells and development). Co-applicant, PIs Prof. G. Gargiulo, University of Bologna and Prof. P. Lasko, McGill University. 2013.
- 4- National Postdoctoral Association *Travel Award*, 2004.
- 5- *Pierre and Marie Curie Fellowship*, European Union, Molecular Biology, 1994-6.
- 6- *EMBO Short-term Fellowship*, Molecular Biology, 1993-4.
- 7- *Cold Spring Harbor Laboratory Travel and Course Award*, 1993.
- 8- Graduate Fellowship, University of Verona 1990-1994.
- 9- Fellowship, Verona University Consortium, 1989-90, Molecular Biology.

SUPERVISED STUDENTS WITH EXTERNAL FUNDING

- 1- *Concordia University Summer Undergraduate Research Award*. Stipend for Ms. Hélène Ben Soussan, summer internship. "A *Drosophila* model of Polycystic Kidney Disease" 2015.
- 2- *DAAD-RISE Fellowship*, DAAD Germany, Biophysics and Biology. "Designing quantitative analysis tools for the three dimensional distribution of fluorescent molecules in confocal image stacks".
 - a. 2011 Lydia Farack, undergraduate, Berlin University.
 - b. 2010 Patrik Rath and Hendrik Golzke, undergraduates, Karlsruhe Institute of Technology.
 - c. 2009 Patrik Rath, undergraduate, Karlsruhe Institute of Technology.

INTELLECTUAL PROPERTY

Declaration of invention: VAL-1405-UM "*Drosophila* model of PKD" February 15, 2016. Chiara Gamberi and William D. Lubell.

MOST SIGNIFICANT CONTRIBUTIONS

My research is characterized by three main and interconnected themes culminating in my current research.

Bicaudal C (BicC) dependent regulation of translation and polarity in the renal tubule: Launching my personal career, I have characterized the importance of BicC in the pathology of renal tubule cyst formation, and correlated its relevance to vertebrate BicC orthologs implicated in renal cystogenesis. Remarkable similarities between fly cystogenesis and vertebrate polycystic kidney disease (PKD) were demonstrated for the first time as I established a regulatory link between BicC and the causative *PKD1* and *Pkd1* genes in humans and mice respectively (2017. *PLoS Genetics*, 13(4):e1006694). This publication was given a F1000Prime Recommendation by Mallinckrodt Scholar and Professor Rebecca Burdine of the Department of Molecular Biology, Princeton University, who recognized "the usefulness of this system for understanding how ... genes may function in cystic kidney diseases." Combining the assets of the *Drosophila* model with my established expertise in molecular and RNA biology and my collaborative multidisciplinary program, I am in a prime position to characterize the cellular and molecular mechanisms of cystogenesis in my proposed research to understand how spatial and temporal regulation of mRNA translation may affect various disease states such as PKD and cancer.

Developmental impacts of regulation of mRNA translation and stability: with Cho, Lasko and Sonenberg, I performed the *in vivo* studies to define how 4EHP-dependent translational repression defines the anterior embryonic boundaries of *hunchback* spatial expression underpinning head and thoracic patterning (*Curr Biol* 16: 2035-41). With Valzania, and co-senior investigators Lasko and Gargiulo, we identified a novel role for 4EHP in regulating the onset of metamorphosis through the steroid hormone ecdysone (*Dev Biol*, 410(1):14-23). With Solana, Aboobaker and Lasko, we found that the regulated mRNA deadenylation and translation by conserved CCR4-Not deadenylase underpin stem cell differentiation and pluripotency using the regeneration model planarian *Schmidtea mediterranea* (*PLoS Genetics* 9(12):e1004003). With Chicoine and Lasko, we defined a function in the ovary for Bicaudal C (BicC) and the CCR4-Not deadenylase in translational regulation of its own mRNA (*Dev Cell* 13: 691-704), and those encoding the posterior morphogen *nanos* (in preparation) and *smaug* (collaboration with Walser and Lipshitz, in preparation).

Defining embryonic polarity: demonstrating that the canonical posterior gene product Pumilio regulated cytoplasmic polyadenylation and translation of the mRNA for the main anterior morphogen Bicoid, I changed the ongoing narrative of isolated anterior and posterior compartments dictated by so-called "anterior" and "posterior" genes, demonstrating novel dynamics of early development (*Development*, 129 (11):2699-2710). This research was featured by Tadros and Lipshitz in *Dev. Dynam.* 232: 593-608 for both technical and conceptual advances. Our methods were presented in detail separately (*BioTechniques*, 33: 476-480).

PUBLICATIONS

* Students under my supervision.

- 1- Millet-Boureima, C.* , Porras-Marroquin J.* and **Gamberi C.** “*Drosophila* models of kidney disease” *BioMed Research International* special issue on *Drosophila* models of disease, Daniela Grifoni, Louise Cheng, Antonio Baonza Editors. In preparation, invited.
- 2- Ben Soussan H.* , Lubell W.D. and **Gamberi C.** “TOR pathway inhibition rescues renal cystogenesis in a fly model of polycystic kidney disease”. In preparation.
- 3- Millet-Boureima, C.* , Chingle R, Lubell W. D. and **Gamberi C.** “Smac mimetics rescue cyst deformities in a fly model of polycystic kidney disease”. In preparation.
- 4- Walser C. B., **Gamberi C.**, Karaiskakis A., Marsolais A., Luo H., Votruba M., Lasko P., Smibert C. and Lipshitz H. D. “Post-transcriptional regulation of *smaug* mRNA in *Drosophila* oocytes” in preparation.
- 5- **Gamberi C.**, Hipfner D. R., Lasko P. “Bicaudal-C regulates temporal and spatial *nanos* mRNA expression during *Drosophila* oogenesis”. In preparation.
- 6- **Gamberi C.**, Hall K. “Undergraduates can publish too: A large group assignment with upper-level undergraduates”. 2017. *J Biol Educ.* Submitted.
- 7- Selber-Hnatiw S.,* Rukundo B., ... Ben Soussan H.,* et al. (103 authors), and **Gamberi C.** (*corresponding author*). 2017. “Human gut microbiota: toward an ecology of disease”. *Front. Microbiol.*, 8:1265-84 . 17 July 2017 | <https://doi.org/10.3389/fmicb.2017.01265>.
 - *Concordia University press release:*
<http://www.concordia.ca/cunews/main/stories/2017/09/19/gut-microbiota-concordia-microbiology-undergrads-publish-their-findings.html>
 - *Featured in news outlets Eurekalert.org and Phys.org:*
https://www.eurekalert.org/pub_releases/2017-05/cu-rtb050217.php
<https://phys.org/news/2017-09-latest-gut-microbiota-concordia-microbiology.html>
- 8- **Gamberi C.** (*corresponding author*), Hipfner D. R., Trudel M., Lubell W. D. 2017. “*Bicaudal C* mutation causes *myc* and TOR pathway up-regulation and Polycystic Kidney Disease-like phenotypes”, *PLoS Genetics*, 2017 Apr 13;13(4):e1006694. doi: 10.1371/journal.pgen.1006694.
 - *Recommendation: Burdine R: F1000Prime Recommendation of [Gamberi C et al., PLoS Genet 2017, 13(4):e1006694]. In F1000Prime, 04 Aug 2017; DOI: 10.3410/f.727503862.793535164. F1000Prime.com/727503862#eval793535164*
 - *Concordia University press release:*
<https://www.concordia.ca/cunews/main/stories/2017/05/02/the-biochemical-pathways-of-kidney-disease-biology-fruit-flies.html?c=news>
- 9- Valzania L., Ono H., Ignesti M., Cavaliere V., Bernardi F., **Gamberi C** (*co-corresponding author*), Lasko P. and Gargiulo G. 2016. “*Drosophila* 4EHP is essential for the larval-pupal transition and required in the prothoracic gland for ecdysone biosynthesis”. *Dev Biol*, 410(1):14-23. doi:10.1016/j.ydbio.2015.12.021.
- 10- **Gamberi C.** 2015. “Efficient high-throughput cuticle preparations from fly lines yielding both viable and unviable embryos” *Dros Inf Serv* 98, 147-9.
<http://www.ou.edu/journals/dis/DIS98/Techniques/Gamberi.pdf>

- 11- **Gamberi C.**, Hipfner D. R., Trudel M. 2014. "Dissecting Renal Tubule Physiology in a *Drosophila* Model System" 2014 Kidney Week, Philadelphia, PA, USA *J Am Soc Nephrol* **25**:539A, 2014.
- 12- Solana J., **Gamberi C.**, Mihaylova Y., Grossvendt S., Chen C., Lasko P., Rajewsky N. and Aboobaker A. 2013. "CCR4-NOT complex-mediated stem cell specific deadenylation and degradation of mRNAs promotes planarian stem cell differentiation" *PLoS Genetics* 9(12):e1004003. doi: 10.1371/journal.pgen.1004003.
- 13- **Gamberi C.** (*corresponding author*), Lasko P. 2012. The Bic-C family of developmental translational regulators. *Comparative and Functional Genomics*, special issue "Translational Control Across Eukaryotes", Volume 2012, Article ID 141386, doi:10.1155/2012/141386.
- 14- Maurizii M. G., Cavaliere V., **Gamberi C.**, Gargiulo G., Lasko P., Taddei C. Vasa protein is localized in the germ cells and in the oocyte-associated pyriform follicle cells during early oogenesis in the lizard *Podarcis sicula*. 2009. *Development Genes Evolution* 219(7): 361-7.
- 15- Chicoine J., Benoit P., **Gamberi C.**, Paliouras M., Simonelig M., Lasko, P. 2007. Bicaudal C recruits CCR4-NOT deadenylase to target mRNAs and regulates oogenesis, cytoskeletal organization and its own expression. *Dev Cell* 13: 691-704.
- 16- Cho P. F., **Gamberi C.**, Cho-Park Y. A., Cho-Park I. B., Lasko P., Sonenberg N 2006. Cap-dependent translational inhibition establishes two opposing morphogen gradients in *Drosophila* embryos. *Curr Biol* 16: 2035-41.
- 17- **Gamberi C.**, Johnstone O., Lasko P. 2006. *Drosophila* RNA binding proteins. *Int Rev Cytol* 248:43-139.
- 18- Lin S-Y., Choi E-Y., Johnson S.M., Abraham M., Pasquinelli A., **Gamberi C.**, Gottlieb E., Slack F. 2003. The *C. elegans* *hunchback* homolog *hbl-1* controls temporal patterning and is a probable micro RNA target. *Dev. Cell* 4: 639-50.
- 19- **Gamberi C.**, Gottlieb E. 2002. Internally controlled Poly(A) Tail Assays to study gene regulation. *BioTechniques*, 33 (3): 476-480.
- 20- **Gamberi C.**, Peterson D. S., He L., Gottlieb E. 2002. An anterior function for the *Drosophila* posterior determinant Pumilio. *Development*, 129 (11):2699-2710.
- 21- **Gamberi C.**, Izaurralde, E., Beisel, C., Mattaj, I.W. Interaction between the human nuclear cap-binding complex and hnRNP F. 1997. *Mol Cell Biol* 17: 2587-2597.
- 22- Izaurralde E., Lewis J., **Gamberi C.**, Jarmolowski A., McGuigan C., Mattaj I.W. 1995. A cap-binding protein complex mediating U snRNA export. *Nature* 376: 709-712.
- 23- Raimondi E., Romanelli M.G., Moralli D., **Gamberi C.**, Russo M.P., Morandi C. 1995. Assignment of the human gene encoding heterogeneous nuclear RNA nucleoprotein I to chromosome 14q23-q24.1. *Genomics* 27: 553-555.
- 24- **Gamberi C.**, Contreas G., Romanelli M.G., Morandi C. 1994. Analysis of the yeast *NSR1* gene and protein domain comparison between Nsr1 and human hnRNP type A1. *Gene* 148: 59-66.
- 25- De Checchi M.C., Rolfini R., Tamanini A., **Gamberi C.**, Berton G., Cabrini G. 1992. Effect of modulation of protein kinase C on the cAMP-dependent chloride conductance in T84 cells. *FEBS Lett.* 311 (1): 25-8.
- 26- Riva S., Cobianchi F., Buvoli M., **Gamberi C.**, Romanelli M.G., Morandi C 1992. hnRNP proteins. *Minerva Biotechnologica* 4 (3): 141-152.
- 27- Ferretti L., Raimondi E., **Gamberi C.**, Young B. D., De Carli L., Sgaramella V. 1991. Molecular cloning of a human sorted minichromosome. *Gene* 99: 229-234.

- 28- De Checchi C., Rolfini E., Tamanini A., **Gamberi C.**, Berton G., Cabrini G. 1991. Effect of modulation of protein kinase C on the cAMP-dependent chloride conductance in T84 cells *Pediatric Pulmonology* suppl. 6 (1991). p. 259 Wiley & Liss Editions.
- 29- Ghetti A., Padovani C., **Gamberi C.**, Bestagno M., Morandi C. 1990. Identification of a 55 kDa nuclear protein sharing homology with hnRNP type L. *Molecular Biology Reports* 14: 89-90.
- 30- Damiani G., Ferretti L., **Gamberi C.**, Sgaramella V. 1989. *Reda L'Italia Agricola* 3: 23-33.
- 31- Sgaramella V., Ferretti L., **Gamberi C.**, Damiani G., Panzeri L., Sora S. 1989. *CABIOS*.

OTHER PUBLICATIONS

- 1- **Gamberi C.** 2007. *Postdocket* 5 (1): 7.
- 2- **Gamberi C.** NPA-IPC Survival Guide for Postdocs (conception, design and various chapters). Featured in *Science*. (2007). 315: 695-9.

SELECTED CONFERENCE TALKS

- 1- **Gamberi C.**, Lasko P. 2011. "Bicaudal-C and Ccr4 Repress *nanos* Expression during *Drosophila* Oogenesis". 2011. The Eleventh Canadian *Drosophila* Research Conference, S.te Catherine, Ontario, Canada.
- 2- **Gamberi C.** and Lasko P. 2010. "Bicaudal-C and Ccr4 Repress *nanos* Expression during *Drosophila* Oogenesis". Germ Cells, Cold Spring Harbor Laboratory, NY, USA
- 3- **Gamberi C.** and Lasko P. 2008. "Bicaudal-C and Ccr4 Repress *nanos* Expression during Oogenesis". The Tenth Canadian *Drosophila* Research Conference, Jasper, AB, Canada.
- 4- **Gamberi C.** and Lasko P. 2008. "Bicaudal-C and CCR4 Regulate *nos* Expression during Oogenesis". Translational Control Meeting, Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, USA.
- 5- **Gamberi C.**, Lasko P. 2008. "Bicaudal-C Regulates *nos* Expression during Oogenesis". *Drosophila* Research Conference, RNA Biology Workshop, San Diego, CA, USA.
- 6- **Gamberi C.**, Lasko P. 2007. "Bicaudal-C and the Regulation of *nos* Translation during Oogenesis". *Drosophila* Research Conference, Philadelphia, PA, USA.
- 7- **Gamberi C.**, Paliouras M., Lasko P. 2006. "Bic-C and the Regulation of NOS Expression during Oogenesis". *Drosophila* Research Conference, Houston, TX, USA.
- 8- **Gamberi C.**, Peterson D., He L., Gottlieb E. 2003. "An Anterior Function for the *Drosophila* Posterior Determinant Pumilio". *Drosophila* Research Conference, Chicago, IL, USA.
- 9- **Gamberi C.**, Peterson D., Qu L., Gottlieb E. 2000. "Translational Control of a Nanos Response Element without Nanos". Translational Control, Cold Spring Harbor, NY, USA.

RECENT CONFERENCE POSTER PRESENTATIONS

- 1- **Chiara Gamberi**, David R. Hipfner, William D. Lubell, Marie Trudel. 2017. Polycystic kidney disease-like phenotypes in *Drosophila*. Polycystic Kidney Disease: Challenges, Differing Viewpoints and Ways Forward. FASEB, Big Sky, MT June 25-30, 2017.

- 2- **Chiara Gamberi**, David Hipfner, Marie Trudel, William Lubell. 2016 The Allied Genetics Conference (TAGC), *Drosophila* Genetics. *Bicaudal C* mutation causes *myc* and TOR pathway upregulation and polycystic kidney disease-like phenotypes. Orlando, FL, USA.
- 3- H  l  ne Ben Soussan, Cassandra Millet-Boureima, William D. Lubell, and **Chiara Gamberi**. 2015. Characterization and further development of a *Drosophila* model of human renal cystic disease. 3eme Carrefour de la recherche sur le medicament, Montr  al, Canada.
- 4- **Chiara Gamberi**, David Hipfner, Marie Trudel. 2014. Dissecting renal tubule physiology and functions in a *Drosophila* model system. American Society for Nephrology Kidney Week, Philadelphia, PA, USA.