

I am a PhD student at the University of Buenos Aires and a recipient of a fellowship from the National Research Council of Argentina. My research focuses on how developmental programming by androgen excess impacts metabolic and reproductive outcomes. My plan is to continue working in the field of DOHaD. Particularly, I am interested in the influence of steroids during fetal life and its consequences on embryo development and on post-natal life fertility. I am also interested in the induced epigenetic modifications and mechanisms of inter- and transgenerational inheritance. I have worked in evolutionary biology, which helped me to focus my research from comparative points of view, focusing on the dynamics of organisms and populations. I have a wide experience in outreach activities. I am resourceful at finding funding opportunities and I am a strong supporter of science communication. This has even led me to organize two successful outreach meetings with the funding of our Science Ministry. If chosen, I would be an active and proud representative of the Council. I will actively try to help create work and communication spaces such as regional symposiums, webinars and online forums, all of which I have experience in.

# Curriculum vitae

## Giselle Adriana Abruzzese

### 1. Personal Data

*Nationality:* Argentine

*Birth date:* 9th February, 1989

*Mail:* [giselleabruzzo@gmail.com](mailto:giselleabruzzo@gmail.com)

*Telephone:* 54 11 4508 3680 / 54 11 4075-6110

*Work address:* Laboratory of ovarian physiopathology .Center of Pharmacological and Botanical Studies, (CEFYBO), National Council of Scientific and Technical Research- (CONICET), University of Buenos Aires (UBA) Paraguay 2155- 17 Floor - 1121, Buenos Aires – Argentina (Position: Research internship (grad student)).

*Address:* A. M. Cervantes 4840, Buenos Aires, Argentina

### 2. Education

- **PhD student in Biology**, School of Exact and Natural Sciences, University of Buenos Aires. 2014-present.
- **Degree(Licenciate) plus Master equivalent in Biology**, School of Exact and Natural Sciences, University of Buenos Aires, 2008-2014 (Six-year program).
- **Thesis in Biological Sciences:** Mitochondrial phylogeny of *Ctenomys* populations that inhabit Esteros del Iberá and alternative methods to obtain genetics samples. Supervisor: Maria Susana Rossi.

### 3. Teaching experience

- Invited teacher, Course for graduate students "Evaluation of fertile couple: role and importance of the Laboratory". April-November, 2017. Argentine Association of Biochemistry.
- Teaching assistant, Ecology, Genetics and Evolution department, School of Exact and Natural Sciences, University of Buenos Aires. March, 2016-Present. Course: "Evolution" Position obtained by competitive examination.
- Teaching assistant, department of Anatomy, Histology and Cellular Biology, School of Medicine, University of Buenos Aires. July, 2015- Present. Course: "Cellular Biology and Medical Genetics".
- Invited teacher, Annual course of Endocrinology 2016. Endocrinology Department, Hospital Carlos G. Durand. 2016. Buenos Aires, Argentina.
- Teaching assistant, Course for graduate students "Pathologies in reproduction". School of Medicine Organized by Dr. Alicia Beatriz Motta. CEFYBO- UBA-CONICET, School of Medicine. October, 2014.
- Teaching assistant, department of Biological Chemistry, School of Exact and Natural Sciences, University of Buenos Aires. March, 2014 - March, 2015. Position obtained by competitive examination. Course: "Developmental Biology"

#### 4. Scientific publications

1. Orchestration at the beginning: mitosis in sea urchin embryo. Mol Rep Dev. 2017.June 21. doi: 10.1002/mrd.22854. [Epub ahead of print]  
**Giselle A. Abruzzese\***, Nae Tanpradit\*, Renata S. Tavares\*. (\* equal contribution).
2. Lipid Accumulation Product (LAP) and Visceral Adiposity Index (VAI) as Markers of Insulin Resistance and Metabolic Associated Disturbances in Young Argentine Women with Polycystic Ovary Syndrome. Hormones and Metabolic Research. 2016 Aug. Epub-ahead of print.  
**Giselle A. Abruzzese**, Gloria E. Cerrone, Juan Gamez, Mabel N. Graffigna, Susana Belli, Eduardo Mormandi, Patricia Otero, Oscar Levalle, Alicia B. Motta.
3. Prenatal hyperandrogenism induces alterations that affect liver lipid metabolism. Journal of Endocrinology. 2016 May. Epub-ahead of print.  
**Giselle A. Abruzzese**, Maria F. Heber, Silvana R. Ferreira, Leandro M. Velez, Roxana Reynoso, Omar P. Pignataro, Alicia B. Motta
4. Nonalcoholic fatty liver disease in children and adolescents – Relationship with Polycystic Ovary Syndrome. Curr Pharm Des. 2015;21(35):5144-50.  
**Giselle Adriana Abruzzese** and Alicia Beatriz Motta
5. Effect of hyperandrogenism on ovarian function. Reproduction. 2015 Jun;149(6):577-85.  
Leandro M. Velez, Maria F. Heber, Silvana R. Ferreira, **Giselle A. Abruzzese**, Roxana M. Reynoso, Alicia B. Motta
6. The Biology of the Peroxisome Proliferator-activated Receptor System in the Female Reproductive Tract. Curr Pharm Des. 2013;19(25):4641-6.  
Leandro Martin Velez, **Giselle Adriana Abruzzese**, Alicia Beatriz Motta
7. Diversity of tuco-tucos (Ctenomys, Rodentia) in the Northeastern wetlands from Argentina: mitochondrial phylogeny and chromosomal evolution. Genetica. 2012. 140 (4):125-136.  
Caraballo, D.A., **Abruzzese, G. A.** and Rossi. M. S

#### 5. Books

- In the light of Evolution: Meeting of Evolutionary Biology 2016.  
Editors-Compilators: Giselle A. Abruzzese, Ignacio M. Soto. Buenos Aires, 2016.  
ISBN: 978-987-42-2481-1

#### 6. Degree Thesis

- **Giselle A. Abruzzese**. Degree Thesis. "Mitochondrial phylogeny of Ctenomys populations from Esteros del Iberá, alternative methods for obtaining genetic samples" 2014. Calificación: 10 (diez). Biblioteca Central Federico Leloir, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires. Supervisor: Dra. Maria Susana Rossi

## 7. Conference presentations

1. *Fetal programming caused by androgen excess: effects on lipid metabolism and impact on ovarian functionality.*

**Giselle Abruzzese**, Maria Florencia Heber, Silvana Rocio Ferreira, Aime Florencia Silva, Alicia Beatriz Motta. *Young investigators simposium, XLIX SAFE meeting: "The ovary as therapeutic target in Polycystic ovary Syndrome and on Bovine Cystic ovary Disease: processes involved in folliculogenesis"* Meeting of Biosciences societies. Buenos Aires, Argentina, 2017(TALK).

2. *Androgen excess in utero produces long term alterations on ovarian functions*

**Giselle Adriana Abruzzese**, Maria Florencia Heber, Alicia Beatriz Motta. Meeting of Biosciences societies. Buenos Aires, Argentina, 2017

3. *Effect of prenatal hyperandrogenization on uterine tissue*

Silvana Rocio Ferreira; Alicia Alejandra Goyeneche; Maria Florencia Heber; **Giselle Adriana Abruzzese**; Carlos Marcelo Telleria ; Alicia Beatriz Motta. Meeting of Biosciences societies. Buenos Aires, Argentina, 2017

4. *Androgen excess during prenatal life affects hepatic lipogenesis in a murine PCOS model at adult life.*

Aime Florencia Silva; **Giselle Adriana Abruzzese**; Maria Florencia Heber; Alicia Beatriz Motta. Meeting of Biosciences societies. Buenos Aires, Argentina, 2017

5. *Developmental programming caused by androgen excess impacts on ovarian cholesterol pathway and affects reproductive functions*

Alicia Beatriz Motta, Florencia Heber, **Giselle Adriana Abruzzese**.15th Annual Meeting of the Androgen Excess & PCOS Society, San Antonio, Estados Unidos, Octubre 2017. (TALK)

6. *Fetal programming by androgen excess: consequences on hepatic tissue. Effects of metformin as treatment.*

**Giselle A. Abruzzese**, Maria F. Heber, Aime F. Silva, Silvana R. Ferreira, Alicia B. Motta.III Simposio internacional de actualización en SOP y alteraciones metabólicas asociadas, Buenos Aires, Argentina. Octubre 2017. (TALK)

7. *Prenatal hyperandrogenism causes alterations on energy metabolism that affect ovarian steroidogenesis*

**Giselle Adriana Abruzzese**, Maria Florencia Heber, Silvana Rocio Ferreira, Alicia Beatriz Motta. International Workshop of Neuroendocrinology (IWNE), Concón, Chile, 6-9 August, 2017. (TALK)

8. *Androgen excess in utero programmes metabolic alterations that affect reproductive functions.*

**Giselle Adriana Abruzzese**. 20th Annual Symposium Frontiers in Reproduction, Woods Hole, Estados Unidos, Julio, 2017. (TALK)

9. *Fetal Programming of Polycystic Ovary Syndrome: Prenatal Hyperandrogenism Disrupts Ovarian Functionality And Causes Reproductive Derangements.*

**Giselle Adriana Abruzzese**, Maria Florencia Heber, Alicia Beatriz Motta.5th International Symposium on Metabolic Programming and Stress & 2nd Meeting of Ibero-American DOHaD. Brazil, 2016.

10. *Metformin Improves Transcription Of Insulin Mediators, In An Insulin Resistance Model Caused By Prenatal Hyperandrogenization .*

Maria Florencia Heber, **Giselle Adriana Abruzzese**, Alicia Beatriz Motta. 5th International Symposium on Metabolic Programming and Stress & 2nd Meeting of Ibero-American DOHaD. Brazil, 2016.

11. *Metformin As A Transcriptional Regulator Of Insulin Mediators In A Prenatal Hyperandrogenized Rat Model.*

Maria Florencia Heber, **Giselle Adriana Abruzzese**, Silvana Rocio Ferreira, Alicia Beatriz Motta. Annual meeting of the Argentine Society of Clinical Investigation (SAIC). Argentina, 2016.

12. *Fetal programming caused by androgen excess alters ovarian functions and adipokine secretion.*

**Giselle Adriana Abruzzese**, Maria Florencia Heber, Alicia Beatriz Motta. Annual meeting of the Argentine Society of Clinical Investigation (SAIC). Argentina, 2016.

13. *Polycystic Ovary Syndrome: Phenotypes and cardiovascular disease.*

Juan Gamez\*, **Giselle Abruzzese\***, Gloria Cerrone, Jesica Pingel, Gustavo Lioy, Eduardo Mormandi, Patricia Otero, Mabel Graffigna, Oscar Levalle, Alicia B. Motta.\*Equal contribution. Meeting of the Argentine Society of Endocrinology and Metabolism (SAEM). Argentina, 2015. **(Talk)**

14. *Apoptosis and inflammation in a model of folliculogenesis altered by androgens.*

Velez LM; Ferreira SR; **Abruzzese GA**; Heber MF; Motta AB. LX Scientific Meeting - Argentine Society of Clinical Investigation (SAIC). Argentina, 2015.

15. *Non alcoholic fatty liver disease prevalence in patients with Polycystic Ovary Syndrome*

**Giselle Adriana Abruzzese**, Juan Gamez, Maria Florencia Heber, Jesica Pingel, Eduardo Mormandi, Patricia Otero, Mabel Graffigna, Alicia Beatriz Motta. 71° Argentine meeting of Biochemistry. Argentina, 2015.

16. *Alteration of liver lipid metabolism by prenatal hiperandrogenism.*

**Abruzzese GA**, Heber MF, Velez LM, Motta AB. XVI Annual meeting of Argentinean Association of Biology. Argentina, 2014

17. *PCOS and metabolic disorders.*

**Abruzzese GA**, Heber MF, Vélez LM, Levalle O, Graffigna M, Belli S, Mormandi E, Otero P, Motta AB. XVI Annual meeting of Argentinean Association of Biology. Argentina, 2014.

18. *Liver injury in a PCOS murine model*

Heber MF, **Abruzzese GA**, Motta AB. XVI Annual meeting of Argentinean Association of Biology. Argentina, 2014.

19. *Effect of prenatal hyperandrogenism on hepatic tissue.*

**Giselle A. Abruzzese**, Maria Florencia Heber, Alicia B. Motta. X International Congress of the Argentine Federation of Endocrinological Societies (FASEN). Argentina, 2014. **(Talk)**

20. *Effect of hyperandrogenism on follicular steroidogenesis and ghrelin levels and role of Pioglitazone.*

Velez, L.M.; Heber, M.F.; **Abruzzese, G.A.**; Ferreira, S.R.; Motta, A.B. X International Congress of the Argentine Federation of Endocrinological Societies (FASEN). Argentina, 2014 **(Talk)**

21. *Cardiovascular and metabolic risk in Polycystic Ovary Syndrome patients.*

**Giselle Adriana Abruzzese**, Maria Florencia Heber, Susana Belli, Alicia Beatriz Motta. XV International meeting of Obstetrics and Gynecology XXVI International meeting of the Association of Obstetry and Gynecology of Mar del Plata. Argentina, 2014.

**22.** *Polycystic Ovary Syndrome: in the search for diagnostic markers.*

María Florencia Heber , **Giselle Adriana Abruzzese**, Susana Belli, Alicia Beatriz Motta. XV International meeting of Obstetric and Gynecology XXVI International meeting of the Association of Obstetry and Gynecology of Mar del Plata. Argentina, 2014..

**23.** *Polycystic ovary syndrome and effects of prenatal hyperandrogenization on metabolic functions in a murine model*

**Abruzzese GA**, Heber MF, Ferreira SR, Velez LM, Motta AB.LVIII Scientific Meeting - Argentine Society of Clinical Investigation (SAIC). Argentina, 2013.

**24.** *Alterations in lipid metabolism of adult rats prenatally hyperandrogenized.*

MF Heber, LM Velez, SR Ferreira, **GA Abruzzese**, AB Motta.LVIII Scientific Meeting - Argentine Society of Clinical Investigation (SAIC). Argentina, 2013.

**25.** *Ovarian folliculogenesis during an hyperandrogenic condition and its treatment with Rosiglitazone*

Leandro Martin Velez; Maria Florencia Heber; Silvana Ferreira; **Giselle Adriana Abruzzese**; Alicia Beatriz Motta.LVIII Scientific Meeting - Argentine Society of Clinical Investigation (SAIC). Argentina, 2013.

**26.** *Effects of prenatal hyperandrogenism on lipid metabolism and risk factors associated with metabolic syndrome in polycystic ovary syndrome.*

**Abruzzese G.A.**, Heber M.F., Ferreira S.F., Velez L.M., Motta A.B. XXIII Biennial Meeting - Latin American Association for the Study of Human Reproduction (ALIRH). Mexico, 2013. **(Talk)**

**27.** *Polycystic ovary syndrome and lipid metabolism in adult life.*

Maria Florencia Heber, Silvana Rocio Ferreira, Leandro Martin Velez, **Giselle Abruzzese**, Alicia Beatriz Motta.XXIII Biennial Meeting - Latin American Association for the Study of Human Reproduction (ALIRH). Mexico, 2013.

**28.** *Hyperandrogenization and ovarian folliculogenesis and role of Rosiglitazone treatment.*

Leandro Martin Velez, Maria Florencia Heber, Silvana Rocio Ferreira, **Giselle Abruzzese**, Alicia Beatriz MottaXXIII Biennial Meeting - Latin American Association for the Study of Human Reproduction (ALIRH). Mexico, 2013.

**29.** *Ovarian folliculogenesis and rosiglitazone treatment in hyperandrogenized rats.*

Leandro Martin Velez, Maria Florencia Heber, Silvana Rocio Ferreira, **Giselle Abruzzese**, Alicia Beatriz Motta.XXI Workshops of Young Researchers- Grupo Montevideo (AUGM). Argentina, 2013.

**30.** *Assay in tuco-tucos (Ctenomys, Rodentia) of an alternative and simple method for obtaining DNA.*

**Abruzzese G. A.**, Caraballo D. A., Belluscio, P. M. y Rossi S..XXV Argentine meeting of Mastozoology and II Latinamerican meeting of Mastozoology. Argentina 2012.

**31.** *Monophyly and principal lineages of tuco-tucos (Ctenomys, Rodentia) from Corrientes based on mitochondrial sequences: tools for species delimitation.*

Caraballo D. A., **Abruzzese G. A.** y Rossi S. XXV Argentine meeting of Mastozoology and II Latinamerican meeting of Mastozoology. Argentina 2012.

**32.** *Robertsonian fusions explains mainly (but not exclusively) chromosomic diversity of tuco-tucos (Ctenomys, Rodentia) from Corrientes: and analisis in a phylogenetic context*  
Caraballo D. A., **Abruzzese G. A.** y Rossi S. .XXV Argentine meeting of Mastozoology and II Latinamerican meeting of Mastozoology. Argentina 2012. **(Talk)**

**33.** *Uniparental analisis in the Argentine population from Rosario city.*

**Abruzzese, G;** De La Vega Elena, D; Russo, G; Rocco, F; Postillone, María Barbara; Romaldini, M; Di Fabio Rocca, Francisco; Solis, E; Parolin Mlk Carnese Fr; Dejean C; Avena S. X National meeting of Biological Anthropology. Argentina, 2011.

## 8. Dissertation by invitation

- Cardiovascular Risk markers in different PCOS phenotypes.  
*XX Endocrinology workshop of Hospital Durand, 2016.*
- Polycystic Ovary Syndrome phenotypes: Diagnostic approaches using molecular biology tools.  
*Polycystic Ovary Syndrome Symposium, 71° Argentine meeting of Biochemistry, 2015.*
- Chemerin and its association with metabolic pathologies  
*XIX Endocrinology workshop of Hospital Durand, 2015.*

## 9. Participation as organizer of meetings and workshops

- Organization staff of III International Symposium of actualization in Polycystic Ovary Syndrome, Buenos Aires, 4 October, 2017.
- Organizer with Dr. Ignacio M. Soto de "Jornada de Biología Evolutiva 2016", September 30, 2016, Buenos Aires. (National minister of Science and Technology, XIV National Week of Science and Technology) University of Buenos Aires (UBA), Res. 1986. Expte. 505.245, 22/08/2016.
- Organizer with Dr. Ignacio M. Soto de "Jornada de Biología Evolutiva", August 28, 2015, Buenos Aires. (National minister of Science and Technology, XIII National Week of Science and Technology) University of Buenos Aires (UBA), RES. 2076 (Exp. 505.245/2015).
- Organization staff of II International Symposium of actualization in Polycystic Ovary Syndrome, Buenos Aires, 29 October, 2011.

## 10. Participation in Research projects

- **2017-2019** Project: "Analysis of telomere length on PCOS and related metabolic pathologies: their relationship with oxidative stress and insulin resistance" UBACYT Res. (CS) N° 6903/17. Supervisor: Dra. Gloria Edith Cerrone and Dr. Gustavo Daniel Fretchel
- **2017-2019** Project: "Effect of fetal programming caused by androgen excess on adipose tissue functionality and its impact on metabolic and reproductive functions, evaluation of metformin treatment". Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) PICT-2016- 0632. Supervisor: Dra. Alicia Beatriz Motta

- **2014–2017** Project: “Fetal programming and ovarian steroidogenesis under hyperandrogenic states. Rol of peroxisome proliferator-activated receptors (PPARs)” Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) PICT 689/2013. Supervisor: Alicia Motta
- **2014– 2017** Project: “Effect of prenatal hyperandrogenism on gonadal reprogramming. Metabolic and endocrine changes which leads to the development of Polycystic Ovary Syndrome (PCOS)” Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) PICT 577/2012. Supervisor: Alicia Motta
- **2013** Project: “Rosiglitazone Treatment on ovarian folliculogenesis in Polycystic Ovary Syndrome” *Funding: Roemmers*. Supervisor: Alicia Motta
- **2012-2014**. Project: Phylogenetic trees and networks of tuco-tucos (*Ctenomys*) that inhabit Esteros del Iberá: chromosomica and genomic evolution. National Council of Scientific and Technical Research- (CONICET) Investigador Supervisor: María Susana Rossi.
- **2011–2015** Project: “Role of nuclear factors regulated by peroxisome proliferator-activated receptors (PPAR) gamma on the early follicular alteration induced by androgen excess. Action of glitazones as a treatment”, Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) PICT 71/2010. Supervisor: Alicia Motta

## 11.Courses

- International Course "Introduction to RNAi, CRISPR and microRNA analysis". Director: Dr. Tiago Campos Pereira, Universidade de São Paulo – USP, campus de Ribeirão Preto, October 16- October 27, 2017
- Frontiers in Reproduction. Director: Dr. Mario Ascoli. Marine Biological Laboratory, Woods Hole, MA, United States. April 29- June 11, 2017.
- Epigenetics: Interface between genetics and the environment." Dr. Eduardo Canepa. September 6- October 27, 2016. School of Exacts and Natural Sciences, University of Buenos Aires, 2016.Ongoing.(64 hours)
- Computer Course for structural analysis of nucleic acids and proteins Tools. Dra. Julia Pettinari. August 1- Agust 12, 2016. School of Exacts and Natural Sciences, University of Buenos Aires, 2016. (64 hours)
- Comparative Neuroendocrinology. School of Exacts and Natural Sciences, University of Buenos Aires, 2016. (60 hours)
- Human population genomics and diseases. School of Exacts and Natural Sciences, University of Buenos Aires, 2015. (90 hours)
- Animal comparative histology: Basic techniques of optics and electronic microscopy. School of Exacts and Natural Sciences, University of Buenos Aires, 2015. (96 hours)
- Extending and Enhancing DNA Barcoding Research in Argentina and Neighboring Countries: Fifth Leading Labs Training Workshop. Buenos Aires, Argentina, 2013. (40 hours)
- Training course on management and use of laboratory animals. Organized by the Institutional Committee on Care and Use of Experimental Animals. School of Exact and Natural Sciences – University of Buenos Aires, 2013. (12hs)

- Workshop on “experimental design and statistical analysis” Department of Ecology, Genetics and Evolution. School of Exact and Natural Sciences – University of Buenos Aires, 2012. (6hs)
- Workshop: “ TIC inclusion in FCEyN: new perspectives for thinking education and improve teaching of science”. Argentina,2012. (14hs)
- Seminar “Metals in biological systems” Argentina, 2012 (6hs)
- Workshop: Marine contamination and continental waters. Argentina, 2012 (9hs)

## **12. Internships**

- September 2017. Research Internship. Laboratory of Reproduction and Lactancy, IMBECU-CONICET, Mendoza, Argentina. Supervisors: Dr. Fiorella CAMPO Abrocco, Dr. GRaciela Jahn.
- 2012-2014. Research internship. Laboratory of ovarian physiopathology. CEFYBO, School of Medicine, University of Buenos Aires (UBA). Supervisor: Dr. Alicia Motta.
- 2011-2014. Research internship and thesis work. Laboratory of Evolutionary genetics. Supervisor: Dr. Maria Susana Rossi, IFYBINE, Facultad de Cs Exactas y Naturales, UBA. Desde Junio 2011 hasta Marzo 2014.
- 2011. Research internship. Laboratory of Biological Anthropology. CEBBAD, Universidad Maimónides. School of Philosophy and Literature, department of Biological Anthropology. Supervisors: Dr. Sergio Avena, Dr. Laura Parolin, Cristina Dejean.
- 2007. Research internship, 6 months. Laboratory of Human Physiopathology. School of Pharmacy and Biochemistry, University of Buenos Aires. Supervisors: Dr. Susana Cavallero, Dr. Belisario Fernandez.

## **13. Referee/Reviewer**

- Fertility and Sterility (0015-0282 (Print), 1556-5653 (Electronic), Elsevier for the American Society for Reproductive Medicine (1)
- Oncotarget (ISSN: 1949-2553), Impact Journals (1)
- International Journal of Endocrinology. (ISSN: 1687-8337, 1687-8345), Hindawi Publishing Corporation (1)
- Current Diabetes Review.(Print ISSN: 1573-3998 Online ISSN: 1875-6417), Bentham Science. (1)
- Experimental Biology and Medicine (Print ISSN: 1535-3702 Online ISSN: 1535-3699), SAGE Journals. (2)
- Journal of Ovarian Research (ISSN: 1757-2215 Online ISSN: 1757-2215), Biomed Central. (1).
- Reproduction (Print ISSN: 1470-1626, Online ISSN: 1741-7899), Bioscientifica. (1)
- Current Pharmaceutical Design (Print ISSN: 1381-6128, Online ISSN: 1873-4286), Bentham Science. (1)

## **14. Member of Scientific Societies**

- Member of Sociedad Argentina de Investigación Clínica (SAIC) since 2018.

- Trainee Member of Developmental Origins of Health and Disease (DOHaD) Society, since 2018.

## 15.Grants and prizes

- 2014- 2019. National Council of Scientific and Technical Research (CONICET) doctoral fellowship (grant): **Fetal programming and ovarian steroidogenesis: role of nuclear receptors activated by peroxisome proliferator gamma**
- 2017: Award "Best Young Investigators Symposium", XLIX SAFE Annual Meeting, " *The ovary as therapeutic target in Polycystic ovary Syndrome and on Bovine Cystic ovary Disease: processes involved in folliculogenesis*", Giselle Abruzzese, Pablo Diaz, Mariana Di Pietro.
- 2017: Grant Award MINCYT to attend to CABBIO course : "Introdução às técnicas de RNAi, CRISPR e análise de microRNAs", Dr. Tiago Campos Pereira, Universidade de São Paulo – USP, campus de Ribeirão Preto, October, 2017
- 2017: "Young Investigator Award", for the presentation: "Prenatal hyperandrogenism causes alterations on energy metabolism that affect ovarian steroidogenesis", International Workshop of Neuroendocrinology (IWNE) 2017, Concon, Chile .
- 2017: Grant Award to attend to "Frontiers in Reproduction 2017" course. Marine Biological Laboratory (MBL).
- 2016. 3rd position for best work presented in Basic Science poster session at the 5th International Symposium on Metabolic Programming and Stress & 2nd Meeting of Ibero-American DOHaD Chapter. "*Fetal Programming of Polycystic Ovary Syndrome: Prenatal Hyperandrogenism Disrupts Ovarian Functionality And Causes Reproductive Derangements*". **Giselle Abruzzese**, Florencia Heber, Alicia Motta.
- 2015. Best work presented at the Meeting of the Argentine Society of Endocrinology and Metabolism (SAEM). "Polycystic Ovary Syndrome: Phenotypes and cardiovascular disease." Juan Gamez\*, **Giselle Abruzzese\***, Gloria Cerrone, Jessica Pingel, Gustavo Lioy, Eduardo Mormandi, Patricia Otero, Mabel Graffigna, Oscar Levalle, Alicia B. Motta.\*Equal contribution
- 2014. Travel grant to attend the "XVI Annual meeting of Argentinean Association of Biology"
- 2014. Bayer HealthCare (AR14002151) travel grant to attend "XV International meeting of Obstetrics and Gynecology XXVI International meeting of the Association of Obstetrics and Gynecology of Mar del Plata"
- 2014. Travel grant to attend X International Congress of the Argentine Federation of Endocrinological Societies (FASEN).

## 16.Languages

- English: Advanced Level. ( III Consolidation Level, University of Buenos Aires, equivalent to B1 level)
- French: Basic Level.

## 17.Outreach

- Learning community and intra-university multiplier effect: an example of lines of action and interdepartment outreach activities of students, teachers and researchers

at FCEyN-UBA. **Giselle A. Abruzzese**, Carolina Gutierrez, Diana E. Fernandez, Gaston Perez, Ignacio M. Soto, Leonardo M. Galli. Poster presentation at the first meeting of University outreach projects of the University of Buenos Aires (UBA) Argentina, 2016.

- Organizer of "Evolution" stand in the Biology Week 2012, 2013, 2014: Speaker at the "Human Evolution" stand. Faculty of Exact and Natural Sciences, University of Buenos Aires.
- Member of the organization staff in TEDxUBA, 2015. School of Medicine, University of Buenos Aires. General Organizer Dr. Maximo Soto.
- Participation as organizer and speaker in "Evolution" stand. TEDxUBA 2015, 2014.
- Participation in "Zona Explora", "Evolution" stand. 41° Feria Internacional del Libro de Buenos Aires. 2015
- Participation in the Earth Sciences Week 2015: General speaker. Department of Geological Sciences, Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires.
- Organizer of "Evolution" stand. Night of the museum 2014, Buenos Aires, Argentina.
- Participation in Chemistry week 2014: Organizer of "Proteins and cellular stress", Faculty of Exact and Natural Sciences, University of Buenos Aires.
- Participation in the Biology Week 2012, 2013, 2014: Speaker at the "Human Evolution" stand. Faculty of Exact and Natural Sciences, University of Buenos Aires.
- Participation in the Biology Week 2012: Speaker at the "Mosquitoes" stand. Faculty of Exact and Natural Sciences, University of Buenos Aires