

## CURRICULUM VITAE



## PERSONAL INFORMATIONS

### NAME AND SURNAME ADDRESS

Alberto Maria Luciano  
Department of Health, Animal Science and Food Safety,  
Via Celoria 10, 20133 Milano  
Campus Lodi: Via dell'Università 6, 26900 Lodi

### PHONE

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### E-MAIL

alberto.luciano@unimi.it

### CITIZENSHIP

Italian

### PLACE AND BIRTH DATE

18 October 1961, Napoli

### CURRENT POSITION

Associate Professor  
Team Leader of the Reproductive and Developmental Biology Laboratory  
[www.redbiolab.unimi.it](http://www.redbiolab.unimi.it)

## WORK EXPERIENCE

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|----------------------|---|
| Since 2006 (current) | Associate Professor (SSD VET/01 - Anatomy and embryology of domestic animals, Area: 07/H1- Veterinary Anatomy and Physiology 07/H. Department of Health, Animal Science and Food Safety, University of Milan, Via Celoria 10, 20133 Milano,             |
| from 2001 to 2006    | Researcher, (Area scientifico disciplinare VET01 - Anatomia degli Animali Domestici) presso l'Istituto di Anatomia degli Animali Domestici con Istologia ed Embriologia, Facoltà di Medicina Veterinaria, Università degli Studi di Milano              |
| from 1998 to 2001    | Research Assistant, Istituto di Anatomia degli Animali Domestici, Università degli Studi di Milano  |
| from 1995 to 1998    | Doctorate fellow in Biotecnologie Applicate alle Scienze Veterinarie e Zootecniche, X° Ciclo presso l'Istituto di Anatomia degli Animali Domestici con Istologia ed Embriologia della Facoltà di Medicina Veterinaria, Università degli Studi di Milano |
| from 1994 to 1995    | Research fellow "Istituto Sperimentale Italiano L. Spallanzani", Milan, Italy   |

- from 1992 to 1993 Post-Doctoral fellowship, Laboratory of Reproductive Physiology, Department of Obstetrics and Gynecology, University of Connecticut Health Center, School of Medicine, Farmington CT, (USA).
- from 1987 to 1992 Trainee fellowship for the "Association for the Advancement and Research in Nephrology and Dialysis", Laboratory of Nephrology and Immunology, Division of Nephrology and Dialysis, S. Carlo Borromeo Hospital, Milan

## EDUCATION

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- 1998 PhD in Biotechnology applied to Veterinary Sciences, Faculty of Veterinary Medicine, University of Milan, Italy (X° Cicle)
- 1993 Professional habilitation (Biologist), Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)
- 1993 Post-Doctorate in Reproductive Physiology, School of Medicine, University of Connecticut, Farmington, CT, (USA) (Post-Doctoral Fellow in Reproductive Physiology certificate)
- 1991 Master of Science in Biological Sciences (Cellular and Molecular Biology), Biological Science Faculty, University of Milan

## PROFESSIONAL CAREER

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- 2016 National Scientific habilitation to Full Professor - Professore Universitario di I Fascia per il settore concorsuale 07/H1 SSD Vet/01 (Bando 2016 D.D. n. 1532 del 29.07.2016)  
(validity of the qualification: from 24/10/2018 to 24/10/2024)
- 2013 National Scientific habilitation to Full Professor - Professore Universitario di I Fascia per il settore concorsuale 07/H1 SSD Vet/01 (Bando 2012 D.D. n. 222 del 27.07.2012)  
(validity of the qualification: from Dec 2013 to Dec 2019)
- 2015 Additional Training Course as Responsible for Educational Activities and Research in Laboratory ("Responsabile delle Attività Didattiche e di Ricerca in Laboratorio, RADRL), Milan
- 2011 Technological Transfer Training Course as part of the "Scatto Project" (Regione Lombardia e realizzato dal sistema degli Atenei Lombardi)
- 1996 European Summer School in Embryo-technology, Royal Veterinary and Agricultural University, Copenhagen (Denmark)
- 1991 23° Adjournalment Course in Nephrology and Dialysis Methods, Assessorato Sanità Regione Lombardia - Società Italiana di Nefrologia
- 1990 Adjournalment Professional Course in Nephrology, Regione Lombardia - Ente Ospedaliero S. Carlo Borromeo, Milan
- 1990 22° Adjournalment Course in Nephrology and Dialysis Methods, Assessorato Sanità Regione Lombardia - Società Italiana di Nefrologia
- 1989 Adjournalment course in Microbiology, Italian Association of Biological Laboratory Technicians (A.I.Te.La.B.), Milan

## AWARDS

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- 2001 Co-Operative Research Programme Fellowships: Biological Resource Management For Sustainable Agricultural Systems, awarded for: "Implication of oxidative stress during equine oocyte maturation, fertilization and early development" - Unité de Physiologie de la Reproduction et des Comportements - Reproduction Equine, Institut National de la Recherche Agronomique (INRA) - Nouzilly (France)
- 2010 Co-Operative Research Programme Fellowships: Biological Resource Management for Sustainable Agricultural Systems, awarded for "Role of progesterone receptor membrane component-1 as a regulator of bovine oocyte viability and developmental competence" - Department of Cell Biology, University of Connecticut Health Center, CT, USA ([http://www.oecd.org/tad/crp/FELLOWSHIPS AWARDED FOR 2010 WITH REPERTS\\_Website.pdf](http://www.oecd.org/tad/crp/FELLOWSHIPS AWARDED FOR 2010 WITH REPERTS_Website.pdf))
- 1999 "T. Bonadonna Award" best poster, 44th International Symposium "Impact and perspectives of biology and technology of Animal Reproduction", Milano Lodde V., Franciosi F., Modena S.C., Tessaro I., Zuccari E., Lauria A., Luciano A. M. "Dynamic of DNA methyltransferase-1 during bovine oocyte differentiation and early embryonic development"
- 1995 "T. Bonadonna Award" best poster, 30th Symposium "Reproduction and Animal Breeding", Milano - Modena S, Baraldi Scesi L, Luciano AM, Pocar P, Brevini TAL, Lauria A, Gandolfi F. Presence of vasoactive intestinal peptide (VIP) in bovine oviduct and its effect on early embryonic development in vitro.
- 1995 Honor mention "T. Bonadonna Award" best poster (II classificato), 30th Symposium "Reproduction and Animal Breeding", Milano - Luciano AM, Modena S, Pocar P, Mauri L, Gandolfi F, Lauria A. The disruption of cell-to-cell contact induces apoptosis of cumulus granulosa cells during in vitro maturation of bovine oocytes.

## RESEARCH FELLOWSHIP AND STAGES IN OTHER INSTITUTIONS

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- 2018 May Universidade Estadual Paulista (UNESP) Campus de Botucatu - Instituto de Biociências (IBB), Sao Paulo, Brazil (FASESP Brazil Grant)
- 2017 February Universidade Estadual Paulista (UNESP) Campus de Botucatu - Instituto de Biociências (IBB), Sao Paulo, Brazil (FASESP Brazil Grant)
- 2016 October Université Laval, Département des Sciences Animales, Faculté des Sciences de l'Agriculture et de l'Alimentation, Ste-Foy, Quebec (Canada) (Visiting Professor)
- 2014 August Universidade Estadual Paulista (UNESP) Campus de Botucatu - Instituto de Biociências (IBB), Sao Paulo, Brazil (Visiting Professor, sponsor FAPESP).
- 2014 August Empresa Brasileira de Pesquisa Agropecuária- Embrapa, Centro Nacional de Pesquisa de Recursos Genéticos e Biotecnologia Brasília, DF - Brasil (Visiting Professor, sponsor EMBRAPA).
- 2012 August University of Kansas Health Center, Institute for Reproductive Health and Regenerative Medicine, Kansas City KS, USA (Visiting Scientist)

2010 Dec 2011 Mar	University of Connecticut Health Center, Department of Cell Biology, USA (Organisation for Economic Co-operation and Development, OECD grant Fellowship)
2010 Apr-May	University of Connecticut Health Center, Department of Cell Biology, USA (J1 Visiting Scientist)
2010 August	Université Laval, Département des Sciences Animales, Faculté des Sciences de l'Agriculture et de l'Alimentation, Ste-Foy, Quebec (Canada) (Visiting Scientist)
2003 Jun-Aug	Unité de Physiologie de la Reproduction et des Comportements - Reproduction Equine, Institut National de la Recherche Agronomique (INRA) - Nouzilly (France) (INRA/National Stud Grant)
2002 April	Department of Animal Reproduction and Artificial Insemination - National Research Center, Giza, (Egypt) (CNR-ASRT Collaborative Linkage Grant 2001-2003)
2002 Jun-Jul	Unité de Physiologie de la Reproduction et des Comportements - Reproduction Equine, Institut National de la Recherche Agronomique (INRA) - Nouzilly (France) (INRA Grant)
2001 Apr-Sep	Unité de Physiologie de la Reproduction et des Comportements - Reproduction Equine, Institut National de la Recherche Agronomique (INRA) - Nouzilly (France) (Organisation for Economic Co-operation and Development, OECD Grant Fellowship)
1997 Sep-Nov	Université Laval, Département des Sciences Animales, Faculté des Sciences de l'Agriculture et de l'Alimentation, Ste-Foy, Quebec (Canada) (Europe-Canada Consortium Grant)
1994 Sep-Nov	Laboratorio di Tecnologia della Riproduzione - CIZ (now AVANTEA), Cremona, Italy

## RESEARCH PROJECTS

### As Principal Investigator or Scientific Coordinator

Piano Sviluppo Ricerca UNIMI 2015-2017- Linea 1 del Programma "Transition Grant 2015/2017 - Horizon 2020"

Role: Principal investigator

Piano di Sostegno alla Ricerca 2015-2018 Linea 2 Azione B Project: "Role of PGRMC1 in canine mammary tumor"

Role: Principal investigator

Fellowship Awards Programme 2016, Contract: TAD/CRP JA00089033 (May 2016 - Nov 2016) OECD Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural System

Project: Maximising Oocyte Developmental Potential In Cattle: The Contribution Of Progesterone Regulation

<http://www.oecd.org/tad/crp/FELLOWSHIPS-AWARDED-FOR-2016.pdf>

Role: Scientific Coordinator - Principal Investigator: Prof. Trudee Fair

FP7-PEOPLE-2013-IOF Marie Curie Actions - International Outgoing Fellowships (IOF)

Contract n. 624874 (March 2014 - February 2017)

Project: MateRNA - Somatic cells regulation of maternal mRNA translation in mammalian oocytes

Role: Scientific Coordinator - Principal Investigator: Federica Franciosi

Regione Autonoma della Sardegna e Regione Lombardia, Accordo di collaborazione alla cooperazione scientifica e tecnologica nelle aree tematiche biotecnologiche e ICT, Prog. "Ex Ovo Omnia", Grant n. 26096200 (Dec 2011- Dec 2015) Project: Sviluppo di sistemi fisiologici per la maturazione in vitro dell'ovocita nei mammiferi domestici ai fini del miglioramento dell'efficienza delle biotecnologie di riproduzione assistita  
Role: Principal investigator

Dote Ricerca Applicata 2011-2013 (Regione Lombardia - LTR-Avantea srl, Cremona Progetto: "Sviluppo di metodi fisiologici di crescita e differenziamento in vitro dell'ovocita al fine di migliorare l'efficienza delle tecniche di riproduzione assistita nei mammiferi di interesse zootecnico (Acronimo: PRO-EGG)"  
Role: Scientific Coordinator

BIOGENESI Centro di Medicina Riproduttiva, Research contract (Dec 2011-Aug 2013)-Project: Development of a physiological culture system to improve mammalian oocyte in vitro developmental competence  
Role: Principal investigator

EmbryoGENE Network (Jun 2011 - Jun 2013) Departement des Sciences Animales, Université Laval, Quebec, CANADA - Project: Development of a transcriptomic platform to identify markers that can predict mammalian oocyte competence  
Role: Scientific Coordinator (UNIMI unit)

FP7-PEOPLE-2011-CIG, Research Executive Agency (REA) Contract n. 303640 (Jan 2012-Jan 2016)  
Project: Role of Progesterone Receptor Membrane Component-1 in oogenesis and mammalian fertility (PRO-OVUM)  
Role: Scientific Coordinator - Principal investigator: Valentina Lodde

CREBION (Research Contract Grant: Guna Spa) (Sept 2012-Dec 2013) - Project: Study of low-dose hormone therapy in the polycystic ovarian syndrome (PCOS) in the mouse  
Role: Scientific coordinator

CONSORZIO MILANO RICERCHE (Research Contract Grant: Guna sSpa) (Apr 2011-Dec 2011)  
Project: Study of low-dose hormone therapy in the polycystic ovarian syndrome (PCOS) in the mouse  
Role: Scientific Coordinator

Fellowship Awards Programme 2010, Contract: JA00064361 (Dec 2010-Mar 2011) OECD Co-operative Research Programme: Biological Resource Management for Sustainable Agricultural System  
Project: Role of Progesterone Receptor Membrane Component-1 as a Regulator of Bovine Oocyte Viability and Developmental Competence  
Role: Principal investigator

Ateneum Research Grant PUR 2009-ATE-0410 University of Milan (Jan-Dec 2010)  
Project: Characterization of microRNAs involved in the apoptotic process of bovine monocytes  
Role: Co-Investigator (PI: Prof. F. Ceciliani)

EU Commission FP6 (Jun 2008 - Jan 2010) Project: Development of a novel approach in hazard and risk assessment of reproductive toxicity by a

combination and application of in vitro, tissue and sensor technologies."Consortium REPROTECT" (<http://www.reprotect.eu/>)  
Contract n° LSHB-CT-2004-503257 (Coordinator: Prof. Michael Schwarz, University of Tuebingen, Tuebingen, Germany)  
*Role: Principal investigator, Member n. 38, Team leader*

Ateneum Research Grant PUR 2008-5284002-27, University of Milan (Jan-Dec 2009) - Project: Role of Progesterone Receptor Membrane Component-1 (PGRMC-1) in oocyte vitality and competence.  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2007 (Jan-Dec 2008)  
Project: Il trapianto nucleare nel bovino quale modello per lo studio del trasferimento di ooplasma nel trattamento di correzione dei danni da senescenza fisiologici o patologici dell'ovocita.  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2006 (Jan-Dec 2007)  
Project: Utilizzo di ovociti artificiali immaturi quali modello di studio dei processi di rimodellamento della cromatina ed epigenesi nei mammiferi domestici  
*Role: Principal investigator*

PRIN 2005 - PROT. 2005073071-003 (20/01/2006 - 08/03/2008) - Project: Nuclear and cytoplasmic events accompanying bovine oocyte developmental competence acquisition.  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2005 (Jan-Dec 2006)  
Caratterizzazione dell'assetto della cromatina durante la crescita dell'ovocita nella specie bovina  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2004 (Jan-Dec 2005)  
Project: Interspecificità dei fattori secreti durante la maturazione in vitro del ovocita bovino nell'acquisizione della competenza allo sviluppo dell'ovocita equino  
*Role: Principal investigator*

PRIN 2003 - prot. 2003077571-003 (01/31/2004 - 01/30/2006)  
Project: Bovine oocyte reconstruction following GV transfer and cryopreservation as a model to study nucleus-cytoplasm interaction.  
*Role: Co-Investigator (PI: Prof. A. Lauria)*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2003 (Jan-Dec 2004)  
Project: Relazione tra lo stadio di attività trascrizionale della vescicola germinale nell'ovocita bovino e la sua competenza allo sviluppo embrionale  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2002 (Jan-Dec 2003)  
Project: Maturazione e fecondazione in vitro dell'ovocita equino: effetto della modulazione della concentrazione intracellulare di adenilato ciclico e glutatione  
*Role: Principal investigator*

Fondo Interno Ricerca Scientifica e Tecnologica FIRST 2001 (Jan-Dec 2002)  
Project: Analisi morfologica della vitalità e dello stato funzionale di spermatozoi di cavallo congelati, sottoposto a diversi protocolli di preparazione per la fecondazione in vitro

Role: Principal investigator

## RESEARCH ACTIVITIES AND SCIENTIFIC PUBLICATIONS

The scientific activity is documented by 69 publications in peer-reviewed journals with IF, 5 papers published in peer-reviewed journals without IF, 5 papers published as conference papers on specialized volumes, 6 book chapters, 1 book translation, 1 patent and 123 communications to international (84) and national (40) conferences.

(See appendix 1 publications)

## PARTICIPATION AS INVITED SPEAKER AT CONGRESSES AND WORKSHOPS (Lectures and Chairs)

32 invitations as speaker at National and International Congresses, 2 chairs and 2 workshops organization.

## SCIENTIFIC SOCIETIES

Society for the Study of Reproduction, SSR (USA) since 1995  
Society for Reproduction and Fertility SRF (UK) since 1994  
European Society of Human Reproduction and Embryology, since 2014  
Società Italiana di Istochimica (SII), since 2016  
Endocrine Society (USA) 1996-2006  
International Embryo Transfer Society (USA) 1998-2008  
European Society for Domestic Animal Reproduction (UE) 1999-2006  
Associazione Italiana Morfologi Veterinari, (IT) 2003-2011

## SCIENTIFIC PROJECT EVALUATOR - International

Since 2018	National Science Center (NCN), Poland (dal 2018)
Since 2006	EUROPEAN COMMISSION Expert identifier number: EX2006C087085
Since 2017	Expert Evaluator Horizon 2020 REA - MSCA Contract numbers: CT-EX2006C087085-101; CT-EX2006C087085-102
Since 2014	Natural Sciences and Engineering Research Council of Canada (NSERC) Government of Canada
Since 2017	Ghent University Research Council - University of Ghent, Belgium
Since 2017	Irish Research Council Laureate Awards Ireland
Since 2016	Irish National Council Ireland

## SCIENTIFIC PROJECT EVALUATOR - National

Since 2012	REPRISE (albo degli esperti scientifici istituito presso il MIUR) per le sezioni "Ricerca di base" e "Diffusione della cultura scientifica"
Since 2011	Ministero della Salute - MINSAL "Futuro in Ricerca"

Since 2011	Ministero dell'Istruzione dell'Università e della Ricerca, Young investigator Grant
Since 2012	Ministero dell'Istruzione dell'Università e della Ricerca, Valutatore VQR 2004-2010 e VQR 2011-2014
Since 2017	Università dell'Insubria - Assegni di Ricerca Junior, Ricerca d'eccellenza
Since 2016	Università degli Studi di Sassari - Fondazione Banco di Sardegna, Ricerca biomedicina
Since 2010	Università degli Studi di Teramo-Fondazione Cassa di Risparmio di Teramo Progetti (Ricerca di eccellenza ricercatori)

#### EDITORIAL BOARD AND REVIEWER

Since 2018	Member of the Editorial Board del <i>Animals</i> <a href="https://www.mdpi.com/journal/animals">https://www.mdpi.com/journal/animals</a>
Since 2015	Member of the Editorial Board del <i>Journal of Animal Science and Biotechnology</i> <a href="https://jasbsci.biomedcentral.com">https://jasbsci.biomedcentral.com</a>
Since 2014	Member of the Editorial Board del <i>Journal of Dairy, Veterinary &amp; Animal Research (JDVAR)</i> <a href="http://medcraveonline.com/JDVAR/">http://medcraveonline.com/JDVAR/</a>
2007-2018	260 pre-publication verified Reviews, (Publons, Clarivate).

 [publons.com/a/1291779/](https://publons.com/a/1291779/)

“Ad Hoc” Reviewer for the following indexed Journals:

Aging and Disease; Anatomical Record; Anatomia Histologia Embryologia; Animal Biotechnology, Animal Reproduction; Animal Reproduction Science; Animal Science Journal; Animals; BioFactors; Biological Sciences; BioMed Research International; Biotechnology Letters; BMC Genomics; Cell Physiology and Biochemistry; Current Genomics; Biology of Reproduction; European Journal of Histochemistry; European Journal of Obstetrics, Gynecology and Reproductive Biology; FASEB Journal; Frontiers in Neuroendocrine Science; Human Reproduction; Human Fertility; International Journal of Developmental Biology; International Journal of Fertility and Sterility; International Journal of Molecular Sciences; International Journal of Radiation Biology; Journal of Assisted Reproduction and Genetics; Journal of Animal Science and Biotechnology (Editorial Board); Journal of Genetics; Journal of Histochemistry & Cytochemistry; Journal of Human Reproductive Sciences; Journal of Ovarian Research; Journal of Visualized Experiments; Large Animal Reviews; Livestock Science; Microscopy Research and Technique; Molecular Human Reproduction; Molecular Reproduction and Development; Physiological Genomics; PLoS ONE; Reproduction; Reproduction, Reproductive Biology; Fertility and Development; Reproduction in Domestic Animals; Reproductive Biology and Endocrinology; Reproductive Sciences; Scientific Reports; Systems Biology in Reproductive Medicine; Theriogenology; Tissue and Cell; Toxicology Reports; Zygote

#### SCIENTIFIC COLLABORATIONS (ACTIVE, WITH PUBLICATIONS)



- Department of Cell Biology, University of Connecticut Health Center, Farmington, CT (USA) - Prof. J.J. Peluso
- Département des Sciences Animales- Centre de Recherche en Reproduction-Développement et Santé Inter-générationelle, Université Laval, Ste-Foy and Embryogene Network, Quebec, (Canada) Prof. M.A. Sirard and Prof. C. Robert
- Department of Physiology, Institute of Biosciences, Ovarian Molecular Physiology Laboratory, Sao Paulo State University (UNESP), Prof. J. Buratini Jr.
- Unite de Physiologie de la Reproduction et des Comportements, Institut National de la Recherche Agronomique (INRA) Centre de Tours, Nouzilly (France) Dr. G. Goudet
- EUGIN EUVITRO Fertility Clinic, Barcelona, Spain - Dr. R. Vassena
- School of Agriculture and Food Sciences, University College Dublin, Prof. T. Fair and Prof. P. Lonergan
- Laboratory of Developmental Biology, Department of Biology and Biotechnology "Lazzaro Spallanzani", University of Pavia, Prof. S. Garagna and Prof. M. Zuccotti
- AVANTEA, Laboratorio di Tecnologie della Riproduzione, Cremona (Italy), Dr. C. Galli, Dr. G. Lazzari
- BIOGENESI, Reproductive Medicine Centre, Istituti Clinici Zucchi, Monza, (Italy) Dr. Maria Beatrice Dal Canto, Dr. Rubens Fadini
- Department of Basic Animal and Veterinary Sciences, Faculty of Life Sciences, Royal Veterinary and Agricultural University, Copenhagen (Denmark) - Prof. P. Hyttel
- Department of Veterinary Medicine, Università degli Studi di Sassari, Sassari (Italy) - Prof. S. Naitana, Prof. G. Leoni, Prof. F. Berlinguer
- Department of Veterinary Science, University of Messina, Messina, (Italy) Prof. Franco Abbate, Prof. Germana P. Germana
- University of New South Wales, Discipline of Obstetrics & Gynaecology, School of Women's & Children's Health, Sydney, Australia - Prof. R. Gilchrist
- The Center for Human Reproduction, NY (USA) - Prof. D.F. Albertini

#### SCIENTIFIC RESPONSIBLE FOR INTERNATIONAL COOPERATION AGREEMENTS:

- |                   |   |
|-------------------|---|
| from 2016 to 2022 | Universidade Estadual Paulista "Júlio de Mesquita Filho" - Brazil (Sao Paulo State University -UNESP), Rua Quirino de Andrade, 215, Sao Paulo, Brazil   |
| from 2014 to 2019 | Euvitro SLU, EUGIN Fertility Clinic, calle Entença 293-295, bajos, E-08029 de Barcelona, CIF B-61663506   |
| from 2012 to 2017 | Institut National de la Recherche Agronomique (INRA) Center to Orléans and Tours, and Research Unit Physiologie de la Reproduction et des Comportements, (UMR PRC) Centre de Tours, 37380 Nouzilly (France) ( <i>expired, under renewal</i> ) |
| from 2010 to 2014 | University of Laval, Agreement for International Cooperation Memorandum of Understanding in the Embryogene Network ( <i>expired, under renewal</i> )  |
| from 2006 to 2012 | Centro Agrovzykum Rapotin Ltd, Republica Ceca ( <i>expired</i> )  |

Annex 1 - PUBLICATIONS

Annex 2 - TEACHING ACTIVITIES

Annex 3 - ACADEMIC COMMITMENTS

**Personal information** I authorize the handling of personal information in this curriculum, according to D.Lgs n. 196/03 and following modifications and Regulations EU 679/2016 (General Regulations concerning Data Protection or GRDP) and art. 7 of University Regulations concerning protection of personal information.

Milan, 16.01.2019

Signature



## Annex 1 - PUBLICATIONS

## PUBLICATIONS

**Scopus - update al 01-12-2018**(calculated on a total of di 69) Sum of the Times Cited: **1861**; Average Citations per Item: **26.97**Indice di Hirsch: **25**[Author ID: 7007176674](#)[orcid.org/0000-0002-8016-9919](https://orcid.org/0000-0002-8016-9919)[researcherid.com/rid/F-3608-2014](https://researcherid.com/rid/F-3608-2014)**Journal articles [1-66] - Impact Factor Total: 152.238 (year of reference), Average Impact Factor: 2.397**

1. Nordio L, Marques AT, Lecchi C, **Luciano AM**, Stefanello D, Giudice C. Immunohistochemical expression of FXR1 in canine normal tissues and melanomas. *J Histochem Cytochem* 2018; (Online publish-ahead-of-print) **IF: 2.511**.
2. **Luciano AM\*** and Sirard MA. Successful in vitro maturation of oocytes: a matter of follicular differentiation. *Biol Reprod* 2018; 98:162-169. ISSN: 1529-7268 (Print) 0006-3363 (Linking) **IF: 3.432 - Cit: 1**
3. Tatone C, Di Emidio G, Barbonetti A, Carta G, **Luciano AM**, Falone S, Amicarelli F. Sirtuins in gamete biology and reproductive physiology: emerging roles and therapeutic potential in female and male infertility. *Hum Reprod Update* 2018;1-23. **IF: 11.748 - Cit: 3**
4. Terzaghi L, **Luciano AM**, Dall'Acqua PC, Modena SC, Peluso JJ, Lodde V. PGRMC1 localization and putative function in the nucleolus of bovine granulosa cells and oocytes. *Reproduction* 2018; 155:273-282. **IF: 3.100 - Cit: 1**
5. Soares ACS, Lodde V, Barros RG, Price CA, **Luciano AM** and Buratini J. Steroid hormones interact with natriuretic peptide C to delay nuclear maturation, to maintain oocyte-cumulus communication and to improve the quality of in vitro-produced embryos in cattle. *Reprod Fertil Dev* 2017; 29:2217-2224. ISSN: 1031-3613 (Print) 1031-3613 (Linking) **IF: 2.656 - Cit: 7**
6. Franciosi F, Tessaro I, Dalbies-Tran R, Douet C, Reigner F, Deleuze S, Papillier P, Miclea I, Lodde V, **Luciano AM** and Goudet G. Analysis of Chromosome Segregation, Histone Acetylation, and Spindle Morphology in Horse Oocytes. *J Vis Exp* 2017;1-8. ISSN: 1940-087X (Print) 1940-087X (Linking) - **IF: 1.232 - Cit: 3**
7. Franciosi F, Goudet G, Tessaro I, Papillier P, Dalbies-Tran R, Reigner F, Deleuze S, Douet C, Miclea I, Lodde V and **Luciano AM\***. In vitro maturation affects chromosome segregation, spindle morphology and acetylation of lysine 16 on histone H4 in horse oocytes. *Reprod Fertil Dev* 2017; 29:721-730. ISSN: 1031-3613 (Print) 1031-3613 (Linking) - **IF: 2.656 - Cit: 5**
8. **Luciano AM** and Peluso JJ. PGRMC1 and the faithful progression through mitosis and meiosis. *Cell Cycle* 2016; 15:2239-2240. - ISSN: 1551-4005 (Print)1551-4005 (Linking) - **IF: 3.53 - Cit: 1**
9. Gilchrist RB, **Luciano AM**, Richani D, Zeng HT, Wang X, Vos MD, Sugimura S, Smitz J, Richard FJ and Thompson JG. Oocyte maturation and quality: role of cyclic nucleotides. *Reproduction* 2016; 152:R143-157. - ISSN: 1741-7899 (Print)1470-1626 (Linking) - **IF: 3.1 - Cit: 21**
10. Dieci C, Lodde V, Labreque R, Dufort I, Tessaro I, Sirard MA and **Luciano AM\***. Differences in cumulus cell gene expression indicate the benefit of a pre-maturation step to improve in-vitro bovine embryo production. *Mol Hum Reprod* 2016; 22:882-897. - ISSN: 1460-2407 (Print) 1360-9947 (Linking) - **IF: 3.585 - Cit: 9**

11. Tessaro I, Modena SC, Franciosi F, Sivelli G, Terzaghi L, Lodde V and **Luciano AM\***. Effect of oral administration of low-dose follicle stimulating hormone on hyperandrogenized mice as a model of polycystic ovary syndrome. *J Ovarian Res* **2015**; 8:64. - ISSN: 1757-2215 (Print) 1757-2215 (Linking) - **IF: 2.502 - Cit: 16**
12. Tessaro I, Modena SC, Crotti G, Franciosi F, Colleoni S, Lodde V, Galli C, Lazzari G and **Luciano AM\***. Transferability and inter-laboratory variability assessment of the in vitro bovine oocyte fertilization test. *Reprod Toxicol* **2015**; 51:106-113. - ISSN: 1873-1708 (Print) 0890-6238 (Linking) - **IF: 2.850 - Cit: 3**
13. Scantland S, Tessaro I, Macabelli CH, Macaulay AD, Cagnone G, Fournier E, **Luciano AM** and Robert C. The Adenosine Salvage Pathway as an Alternative to Mitochondrial Production of ATP in Maturing Mammalian Oocytes EDITORIAL COMMENT. *Obstet Gynecol Surv* **2015**; 70:30-31. ISSN: 0029-7828 - **IF: 1.718 - Cit: 0**
14. Labrecque R, Lodde V, Dieci C, Tessaro I, **Luciano AM** and Sirard MA. Chromatin remodelling and histone mRNA accumulation in bovine germinal vesicle oocytes. *Mol Reprod Dev* **2015**; 82:450-462. - ISSN: 1098-2795 (Print) 1040-452X (Linking) - **IF: 2.141 - Cit: 16**
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#### Technology transfer [212]

212. Buratini J, Silva Soares AC, Lodde V, Luciano AM (inventors). Follicular system for in vitro oocyte maturation and kit. International patent number PCT/BR2016/000019. Intl patent number: WO 2017/143412 A1 (data di deposito 31.08.2017). Issuing institution: Università degli Studi di Milano, Via Festa del Perdono 7, 20124 Milano Italy - Universidade Estadual Paulista "Júlio de Mesquita Filho" - UNESP Avenida Rio Branco 1210 - Campos Eliseos 01206-001, São Paulo, SP, Brazil.

#### Dataset GEO deposited in NCBI-NIH [213, 214]

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## Annex 2 - TEACHING ACTIVITIES

### TEACHING ACTIVITIES, INTEGRATIVE DIDACTICS AND STUDENT SERVICE

#### COURSES

**Since 2014:** Teaching course of Anatomy of the Domestic Animals of the Degree in Animal Breeding and Welfare (7 CFU - 120 hrs)

**2014-2017:** Teaching course of Biology for the Degree course in Animal Production Sciences (6 CFU - 80 hrs)

**2010-2014:** Teaching course of Anatomy of the Domestic Animals of the Degree in Animal Breeding and Welfare (8 CFU - 80 hrs)

**2006-2009:** Teaching course of Histology and Veterinary Embryology of the Master's Degree in Veterinary Medicine (5 CFU - 64 hrs)

**2005-2010:** Doctorate School "Health and Animal Production: Science, Technology and Biotechnology", Theoretical and practical course "In vitro models applied to animal production and reproduction" (A.M. Luciano - D. Cattaneo, 2 CFU, 24 hrs)

**2001-2006:** Teaching course of Biology for the Degree Course in Animal Production and Product Quality, Animal Production Sciences and Technologies class and quality of the products of the Faculty of Veterinary Medicine (5 CFU - 48 hrs)

#### PREVIOUS TEACHING ACTIVITIES

**1997-2001:** Practical courses of Histology and Embryology of the Degree Course in Veterinary Biotechnology and for the courses of Histology, Embryology and Anatomy of Domestic Animals for the Degree Courses in Science and Technology of Animal Production and Veterinary Medicine.

**1998-2001:** Member of the selection boards for the proficiency examinations of the Course of Systematic and Comparative Veterinary Anatomy and of Anatomy of Domestic Animals, Histology and Embryology for the Degree courses in Veterinary Medicine.

#### SCIENTIFIC RESPONSIBILITY ACTIVITY (\*) AND POST-RESEARCH DOCTORATE TUTORATE (Including foreign University students)

Franciosi Federica\*, DVM, PhD (2013-2017) Project: "Somatic cells regulation of maternal mRNA translation in mammalian oocytes"

Tessaro Irene\*, MSc, PhD (2011-2015) Project: "Regolazione epigenetica durante l'ovogenesi nei mammiferi e rischi connessi"

Lodi Giorgia, DVM, 2013-2014 -Incarico di ricerca (Progetto: Sviluppo di sistemi fisiologici per la maturazione in vitro dell'ovocita nei mammiferi domestici ai fini del miglioramento dell'efficienza delle biotecnologie di riproduzione assistita, acronimo: EX OVO OMNIA", prog. cod. 26096200)

Miclea Ileana, Post-Doctoral Fellow, (Oct 2012-Jan 2013), University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca, Cluj-Napoca, Romania (European Social Fund, Sectorial Operational Program for Human Resource Development 2007-2013, Contract no. POSDRU/89/1.5/S/62371)

Corlazzoli Francesca\*, MSc, PhD (2012-2013) Project: "Sviluppo di metodi fisiologici di crescita e differenziamento in vitro dell'ovocita al fine di migliorare l'efficienza delle tecniche di riproduzione assistita nei mammiferi di interesse zootecnico" (Dote Ricerca Applicata, Regione Lombardia-FSE)

Lodde Valentina\*, MSc, PhD (2011-2012) Project: "Sviluppo di metodi fisiologici di crescita e differenziamento in vitro dell'ovocita al fine di migliorare l'efficienza delle tecniche di riproduzione assistita nei mammiferi di interesse zootecnico" (Dote Ricerca Applicata, Regione Lombardia-FSE)

Lodde Valentina\*, MSc, PhD (2006-2010) "*Organizzazione della cromatina e modificazioni epigenetiche che accompagnano la crescita e lo sviluppo dell'ovocita nei mammiferi domestici*"

Slezakova Milena, MSc Post-Doctoral Fellow, (May 2005-Apr 2006), Research Institute of Cattle Breeding, Rapotin, Czech Republic

#### TUTORING ACTIVITY (\*) AND CO-TUTORATE OF RESEARCH DOCTORATE (including foreign University students)

Barros Garcia Rodrigo\*, DVM, Corso di Dottorato in Scienze Animali e dell'Allevamento classe 33 (Veterinary and Animal Sciences, Università degli Studi di Milano) *“Development of a new oocyte in vitro maturation strategies to enhance the outcome of assisted reproductive technologies”*

Soares Ana Caroline Silva, DVM (Co-tutorship UNESP, Prof. J. Buratini, conseguimento titolo AA 2018/2019) Sao Paulo State University, School of Agricultural and Veterinarian Sciences, Botucatu, São Paulo, Brazil

Dall'Acqua Priscila Chediek, DVM (conseguimento titolo AA 2017/2018) Sao Paulo State University, School of Agricultural and Veterinarian Sciences, Jaboticabal, São Paulo, Brazil

Terzaghi Laura, DVM Corso di Dottorato in Scienze Animali e dell'Allevamento classe 30 (Veterinary and Animal Sciences, Università degli Studi di Milano) *“Progesterone Receptor Membrane Component-1 (PGRMC1) in cell division: its role in bovine granulosa cells mitosis”*

Dieci Cecilia\*, MSc Corso di Dottorato in Scienze Animali e dell'Allevamento classe 28 (Veterinary and Animal Sciences, Università degli Studi di Milano) *“Identification of molecular markers of oocyte developmental competence”*

Rémi Labreque, MSc (AA 2013/2014) PhD Course in 'Animal Sciences' (University of Laval, Canada). *“Analysis of oocyte competence by transcriptomic analysis”*

Corbani Davide\*, DVM, (AA 2011/2012) PhD Course in Biotechnologies Applied to Veterinary and Animal Husbandry Sciences (Classe 25, Università degli Studi di Milano). *“Molecular determinants of mammalian fertility: role of Progesterone Receptor Membrane Component 1 (PGRMC1)”*

Tessaro Irene, MSc (AA 2009/2010). Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche (Classe 23, Università degli Studi di Milano). *“La bovina da latte come modello per lo studio del precoce invecchiamento ovarico: aspetti morfologici e molecolari”*

Perota Andrea\*, MSc (AA 2009/2010) Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche (Classe 23, Università degli Studi di Milano). *“Costruzione di vettori di espressione genica per la realizzazione di suini transgenici destinati agli xenotrapianti”*

Franciosi Federica\*, DVM (AA 2008/2009). Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche (Classe 22, Università degli Studi di Milano). *“Interazioni nucleo-citoplasmatiche e differenziamento cellulare nel gamete femminile della specie bovina”*

Beretta Matteo Serafino\*, MSc (AA 2005/2006) Università degli Studi di Milano Facoltà di Medicina Veterinaria, Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche, Ciclo XIX. *“L'acquisizione della competenza allo sviluppo nell'ovocita dei mammiferi domestici: ruolo dei fattori intraovarici: dottorato di ricerca in biotechnologie applicate alle scienze veterinarie e zootecniche”*

Chigioni Sara, MSc (AA 2005/2006) Università degli Studi di Milano Facoltà di Medicina Veterinaria, Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche, Ciclo XIX

Lodde Valentina, MSc (AA 2004/2005), Università degli Studi di Milano Facoltà di Medicina Veterinaria, Dottorato di ricerca in Biotechnologie applicate alle scienze veterinarie e zootecniche, Ciclo XVIII. *“Caratterizzazione dei meccanismi che regolano l'acquisizione della competenza allo sviluppo in vitro dell'ovocita nei mammiferi domestici”*

#### ACTIVITY OF SUPERVISOR (\*) AND CO-SUPERVISOR OF BACHELOR'S DEGREE AND OF MASTER'S DEGREE (Including students of foreign Universities)

Sivelli Giulia\* (AA: 2015/2016). Università degli Studi di Milano, Laurea Magistrale in 'Molecular Biology of the Cell' *“Study on the role of Progesterone Receptor Membrane Component 1 in mammalian fertility”*

Soares Ana Caroline Silva (AA: 2015/2016). DVM candidate School of Veterinary Medicine, Sao Paulo State University (UNESP), Botucatu, Brazil *“Development of a physiological prematuration culture system to improve in vitro production of cattle embryo”*

Bertolani Lavinia\* (AA: 2015/2016). Università degli Studi di Milano, Laurea Triennale in Allevamento e Benessere Animale. *“Effetto dell'inibizione dei recettori nPR e PCRMC1 durante la maturazione in vitro dell'ovocita di bovino”*

Salvadori Giulia\* (AA: 2015/16). Università degli Studi di Milano, Laurea Magistrale in Biotechnologie Veterinarie. *“Evaluation of Gene expression profile in bovine cumulus cells as biomarkers of developmental during oocyte pre-maturation”*

Barbieri Fabio\* (AA: 2014/2015). Università degli Studi di Milano, Laurea Triennale in Biotechnologie Veterinarie. *“Valutazione dell'attività della glucosio-6-fosfato deidrogenasi (G6PDH) per mezzo del test del Brilliant Cresyl Blue (BCB) al fine di determinare un approccio morfo- funzionale alla competenza di sviluppo dell'ocita”*

Baruffini Valentina\* (AA: 2014/2015). Università degli Studi di Milano, Laurea Triennale in Biotechnologie Veterinarie. *“Sviluppo di sistemi di pre-maturazione in vitro di ovociti di bovino a diversi stadi di differenziamento”*

Sivelli Giulia\* (AA: 2012/2013). Università degli Studi di Milano, Laurea Triennale in Allevamento e Benessere Animale. *“Concetti emergenti per un nuovo approccio alle tecniche di riproduzione assistita in zootecnia: il complesso ovocita-cellule follicolari, un punto chiave per migliorare l’efficienza della produzione di embrioni in vitro”*

Dieci Cecilia (AA: 2010/2011). Università degli Studi Di Parma, Corso Di Laurea Magistrale In Biotecnologie Mediche, Veterinarie e Farmaceutiche. *“Cilostamide sustains Gap Junction mediated communications, chromatin remodeling and developmental competence acquisition in pig oocytes”*

Zuccari Elisa\* (AA: 2009/2010). Università degli studi di Milano, Corso di Laurea magistrale in Medicina Veterinaria. *“Caratterizzazione dei processi di metilazione del DNA e di acetilazione istonica durante il differenziamento dell’ovocita di bovino”*

Maffioli Elisa (AA: 2007/2008), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Caratterizzazione del citoscheletro dell’oocita felino”*

Ferraioli Stefania\* (AA: 2005/2006). Corso di Laurea magistrale in Scienze Biologiche (Università degli studi di Milano). *“Ricostruzione dell’ovocita di bovino dopo trasferimento della vescicola germinale: un modello per lo studio delle relazioni nucleo-citoplasma”*

Franciosi Federica\* (AA: 2004/2005). Università degli Studi di Milano Facoltà di Medicina Veterinaria Corso di Laurea in Medicina Veterinaria. *“Ricostruzione dell’ovocita di bovino a seguito di trasferimento della vescicola germinale e crioconservazione: un modello per lo studio delle interazioni nucleo- citoplasma”*

Cantarelli Maria Grazia (AA: 2004/2005), Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Molecole coinvolte nell’acquisizione alla competenza allo sviluppo dell’ovocita nella specie bovina: ruolo del Glutatione e della Connexina 43”*

Aru Mariella (AA: 2003/2004). Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Organizzazione citoplasmatica e competenza allo sviluppo dell’ovocita bovino crioconservato senza le cellule del cumulo ooforo”*

Pirani Silvia (AA: 2003/2004), Università degli Studi di Milano Facoltà di Medicina Veterinaria Corso di Laurea in Medicina Veterinaria. *“Espressione di proteine giunzionali e competenza allo sviluppo in vitro dell’ovocita di pecora prepubere”*

Galbusera Cristina\* (AA: 2003/2004). Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Organizzazione della cromatina nell’ovocita immaturo ed acquisizione della competenza allo sviluppo embrionale nella specie bovina”*

Perego Lucia (AA: 2002/2003), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Effetto della protezione dallo stress ossidativo e della modulazione della concentrazione intracellulare di AMPc durante la maturazione in vitro, sulla competenza degli ovociti di gatto domestico”*

Beretta Matteo\* (AA: 2001/2002), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Sviluppo di un sistema di maturazione in vitro adatto alla crioconservazione di ovociti immaturi nella specie bovina”*

Lodde Valentina (AA: 2001/2002), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Quantificazione mediante Real-Time PCR di trascritti materni immagazzinati nell’ovocita di bovino”*

Colleoni Silvia (AA: 2000/2001), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Studio morfologico e funzionale sulla maturazione dell’ovocita e sulla capacitazione dello spermatozoo nella fecondazione in vitro del cavallo”*

Borsani Elisa (AA: 1999/2000), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Biotecnologie Veterinarie. *“Inserzione di geni nella specie bovina: sviluppo di una metodica non invasiva per l’identificazione di embrioni transgenici in vitro”*

Perazzoli Federica (AA: 1998/99), Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Valutazione dell’impatto dei bifenili policlorurati sulla maturazione dell’ovocita, la fecondazione e lo sviluppo embrionale nel bovino”*

Vassena Rita (AA:1997/98), Università degli Studi di Milano, Facoltà di Medicina Veterinaria, Corso di Laurea in Medicina Veterinaria. *“Miglioramento della capacità di sviluppo dell’ovocita bovino: ruolo dell’AMPc”*

Germani Marco (AA:1996/97), Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Comportamento morfofunzionale dei follicoli preantrali di bovino in vivo e in vitro”*

Milanesi Elisabetta (AA:1995/96), Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Analisi comparata della maturazione in vitro di ovociti di bovino prima e dopo la pubertà”*

Ponzini Anna (AA:1994/95), Università degli Studi di Milano, Facoltà di Scienze Matematiche, Fisiche e Naturali, Corso di Laurea in Scienze Biologiche. *“Interazioni materno-embionali: studio del sistema EGF/TGF $\alpha$  e del loro recettore nell'ovidotto e nell'embrione di bovino”*

## Annex 3 - ACADEMIC COMMITMENTS

### ROLE AND INSTITUTIONAL TASKS

**Since 2018**, member of the University Commission for Libraries (CAB), University of Milan.

**Since 2017**, member of the Joint Student Teaching Commission and the Commission Reorganization of the Degree in Zootechnical Sciences and Technologies of Animal Production (L-38), University of Milan.

**Since 2016**: member of the Commission for Specific Disorders of Learning and Disabled (DSA), Degree Course in Animal Breeding and Welfare, Animal Production Sciences, Animal Production Sciences and Technologies, University of Milan.

**Since 2016**: member of the Research Evaluation Commission of the Department of Veterinary Sciences for Health, Animal Production and Food Safety, University of Milan.

**2006-2010**: member of the Course Transfer Commission for the of students of the Specialized Degree Course in Veterinary Medicine, University of Milan.

**2002-2016**: Member of the Council and since 2016 Scientific Director of the Library of Veterinary Medicine, University of Milan.

**2008-2012**: Deputy Director of the Department of Animal Sciences, University of Milan

**2007-2012**: Coordinator of the Section of Animal Anatomy, Department of Animal Sciences, University of Milan.

**Since 2007**: Area representative for the transfer of research facilities in the Lodi Campus, University of Milan.

### MANAGEMENT AND ORGANIZATIONAL ACTIVITIES

**Since 2005**: *Team Leader* Reproductive & Developmental Biology Laboratory, "Lab" University of Milan ([www.redbiolab.unimi.it](http://www.redbiolab.unimi.it))

**2011**: Member and founder and from 2014 to 2016, Director, of the "Interdepartmental Research Center for the study of the biological effects of nano-concentrations (CREBION)", University of Milan.

**2008-2014**: Member of the Council of the "Interdepartmental Center for Studies on the Mammary Gland (CISMA)", University of Milan.

**Since 2011**: Member of the Scientific Reference Community of the "Anton Dohrn Zoological Station", (SZN), Naples.

### COMMITMENTS ASSUMED IN COLLEGIAL ORGANS AND COMMISSIONS

**Since 2001**: member of the Teaching College of the degree courses of the Animal husbandry and Animal Production Technologies (L-38), University of Milan.

**Since 2016**: Commission entry test in Animal Breeding and Welfare, Animal Production Sciences, University of Milan

**2009-2015**: Admission test commission in Veterinary Medicine, University of Milan

**Since 2017**: member of the Faculty Board of the School of Specialization in Laboratory Animal Science and Medicine, University of Milan.

**Since 2013**: member of the Faculty Board of the Doctorate Course in Veterinary and Animal Sciences, University of Milan.

**2006-2013**: Member of the Faculty Board of the PhD Program in Biotechnologies applied to Veterinary and Zootechnical Sciences, University of Milan.

### EVALUATION COMMISSION

**2016**: Evaluation committee for the selection of candidates for the 32nd cycle of the PhD program in Veterinary and Animal Sciences, University of Milan.

**2015**: Evaluation committee: Doctorate en Sciences Animales, Département des Sciences Animales Faculté des Sciences de L'agriculture et de L'alimentation Université Laval, Quebec, Canada (Macaulay Angus: Identification of large molecule transfer in cumulus cell-oocyte intercommunication).

- 2015:** Doctorate evaluation committee: The Robinson Institute, Research Centre for Reproductive The University of Adelaide, Australia. (Richani Dulama, Epidermal Growth Factor-Like Peptide signalling and oocyte in vitro maturation).
- 2014:** Doctorate evaluation committee: Dottorato di Ricerca in Bioingegneria e Bioinformatica, Università degli Studi di Pavia XXVI ciclo (Belli Martina: Engineering the ovarian follicle: identification of markers of the mouse oocyte developmental competence).
- 2012:** Doctorate evaluation committee: Dottorato di Ricerca in Bioingegneria e Bioinformatica, Università degli Studi di Pavia XXIV ciclo (Rebuzzini Paola: Effect of ionizing radiations on mouse embryonic stem cells).
- 2010:** Doctorate evaluation committee: Doctorate en Sciences Animales, Departement des Sciences Animales Faculté des Sciences de L'agriculture et de L'alimentation Université Laval, Quebec, Canada (Assidi Mourad: Oocyte competence and cumulus cells gene expression).