



I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at **Department of Veterinary Medicine and Animal Science**

Scientist- in - charge: Prof. Alberto Maria Luciano

Fernanda Fagali Franchi

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Fagali Franchi
Name	Fernanda
Date of birth	07/29/1988

PRESENT OCCUPATION

Appointment	Structure
Post-doctoral fellow	University of Milan

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Biological Sciences (Bachelor degree)	São Paulo State University (UNESP)	2014 (attachment 2.1)
Specialization			
PhD	Pharmacology and Biotechnology	São Paulo State University (UNESP)	2020 (attachment 1.2)
Master	Pharmacology and Biotechnology (Master degree)	São Paulo State University (UNESP)	2016 (attachment 1.1)
Degree of medical specialization			
Degree of European specialization			
Other			



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date registration	of Association	City

FOREIGN LANGUAGES

Languages	level of knowledge
English	B2 independent user

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS (attachments 2.2)

Year	Description of award
2012-2013	Internship Scholarship - São Paulo Research Foundation (FAPESP), São Paulo State University (UNESP), Botucatu - Brazil (attachment 2.2_1)
2014-2016	Master Scholarship - Coordination of Superior Level Staff Improvement (CAPES), São Paulo State University (UNESP), Botucatu - Brazil (attachment 2.2_2)
2017-2020	PhD Scholarship - Coordination of Superior Level Staff Improvement (CAPES), São Paulo State University (UNESP), Botucatu - Brazil (attachment 2.2_3)
2017	Award, 3 rd place in XIX Pharmaceutical Congress of São Paulo and XI international seminar on pharmaceutical sciences for the presentation of the study entitled "Toxic effect of A-L-Fucosidase added during in vitro fertilization of bovine embryos" in XIX Pharmaceutical Congress of São Paulo, São Paulo - Brazil (attachment 2.2_4)
2021-2022	Post-doctoral fellowship - PROGETTI DI RICERCA DI RILEVANTE INTERESSE NAZIONALE - Bando 2017 (Prot. 20172N2WL3), University of Milan, Milan - Italy (attachment 2.2_5)
2022	Award, A distinction in the competition for best oral presentation of the study entitled "Extracellular vesicles from superstimulated cows carry differential molecular signatures and drives gene expression of oocytes and blastocysts", IX International Symposium on Animal Biology of Reproduction (ISABR), Bento Gonçalves - Brazil. (attachment 2.2_6)

TRAINING OR RESEARCH ACTIVITY

<ul style="list-style-type: none">- Training: Fundamentals in real-time quantitative PCR (qPCR): a theoretical and practical approach on the QuantStudio 7TM Flex system platform;- Media preparation and cell culture maintenance;- Gametes manipulation: follicular aspiration, oocyte selection and classification, semen preparation;- Bovine in vitro production of embryos: in vitro fertilization (unsorted and X-sorted semen), zygote denudation, embryo culture, morphological classification;- Embryo cryopreservation;- Exosomes recovery and identification: Ultracentrifugation, electron microscopy;- Fluorescence microscopy: nuclear maturation, DNA fragmentation, reactive oxygen species, and mitochondrial analysis;
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- Molecular Biology: nucleic acid extraction, quantification, and electrophoresis, cDNA synthesis, PCR and qPCR;
- Data analysis and presentation
- Bioinformatics, beginner level
- Proficient user of Ms. Office
- Independent user of JMP® and Prism (statistical program)
- Independent user of Leica Application Suite (LAS Imaging software);
- Management of trainees and students in the lab;
- Laboratory management, from sample handling to waste management;
- Laboratory equipment maintenance

Supervision of internship, master, and PhD students:

4 internship students

- Raquel Bueno Rodrigues (2015), Bachelor in Biomedicine, Paulista University (UNIP), Bauru - Brazil
- Andressa Carvalho (2015), Bachelor in Biomedicine, Paulista University (UNIP), Bauru - Brazil
- Thaisy Tino Dellaqua (2017), Bachelor in Biotechnological Engineering, São Paulo State University (UNESP), Assis - Brazil
- Victor Augusto Vieira Lima (2018), Bachelor in Veterinary Medicine, University of Western São Paulo (UNOESTE), Presidente Prudente - Brazil

2 master students

- Priscila Helena dos Santos (2015-2016), Master in Pharmacology and Biotechnology, São Paulo State University (UNESP), Botucatu - Brazil
- Alan Brunholi Giroto (2016 - 2017), Master in Animal Science, University of Western São Paulo (UNOESTE), Presidente Prudente - Brazil

1 PhD students

- Sarah Gomes Nunes (2019-2021) PhD student in Pos Graduation Program in Pharmacology and Biotechnology, São Paulo State University (UNESP), Botucatu - Brazil

PROJECT ACTIVITY (2.3 attachments)

Year	Project
2011-2013	TITLE: The FGF2, FGF10 and BMP-15 effects on nuclear maturation of bovine oocytes during in vitro maturation FUNDING AGENCY: São Paulo Research Foundation (FAPESP) PI: Prof. Jose Buratini Junior; São Paulo State University (UNESP) ROLE: Researcher, bachelor internship (attachment 2.3_1)
2014-2016	TITLE: Ovarian superstimulation effects on oocyte and embryonic competence in cattle: possible participation of exosomes from follicular fluid



	FUNDING AGENCY: Coordination of Superior Level Staff Improvement (CAPES) PI: Prof. Anthony César de Souza Castilho; São Paulo State University (UNESP) ROLE: Master researcher (attachment 2.3_2)
2016-2020	TITLE: Effects of IGF-1 and PAPP-A on lipid metabolism and oxidative stress of bovine oocytes and embryos FUNDING AGENCY: Coordination of Superior Level Staff Improvement (CAPES) PI: Prof. Anthony César de Souza Castilho; São Paulo State University (UNESP) ROLE: PhD researcher (attachment 2.3_3)
2021-2023	TITLE: Developmental Origins of Health and Disease - Does health start in the womb? Impact of maternal nutrient restriction or excess on ovarian, cardiovascular and gastro-intestinal function in cattle female progeny FUNDING AGENCY: Ministero Istruzione Università Ricerca MIUR, Programma di ricerca di Interesse Nazionale, PRIN 2017, linea b PI: Prof. Federica Franciosi; University of Milan ROLE: post-doctoral researcher (attachment 2.3_4)

PATENTS

Patent

CONGRESSES AND SEMINARS (attachments 2.4)

Date	Title	Place
Jun, 26-30, 2022	19th International Congress on Animal Reproduction. Poster presentation: Development of an in vitro model to study the exposure to nutrient imbalance in female blastocysts. (attachment 2.4_1)	Bologna, Italy
Apr, 18-21, 2022	EMBO Workshop - Awakening of the genome: The maternal-to-zygotic transition. Attendee (attachment 2.4_2)	Vienna (online)
Mar, 12, 2022	3 rd INTERNATIONAL WORKSHOP within APM NAWA project ScienceNet: Assisted reproduction: Comparative aspects between Large and Small Animals. Attendee (attachment 2.4_3)	Italy (online)
Mar, 9-11, 2022	The 4 th International EBART Congress. Attendee (attachment 2.4_4)	Barcelona, Spain (online)
Nov, 6, 2021	2 nd INTERNATIONAL WORKSHOP within APM NAWA project ScienceNet: CRYOBANKING a life insurance for biodiversity. Attendee (attachment 2.4_5)	Italy (online)



	2.4_5)	
Oct, 12-13, 2021	1 st international congress on Domestic Animal DOHAD and epigenetics (DADE). Attendee (attachment 2.4_6)	Quebec, Canada (online)
Feb, 18-19, 2021	The 3 rd International EBART Congress. Attendee (attachment 2.4_7)	Barcelona, Spain (online)
May 14 and 16, 2019	General notions of assisted human reproduction biotechnologies. Workshop speaker (attachment 2.4_8)	Bauru, São Paulo, Brazil
May 7 and 14, 2018	Biotechnics applied to human reproduction assisted. Workshop speaker (attachment 2.4_9)	Bauru, São Paulo, Brazil
May 10, 2018	1 ^o Workshop Pharmabiotch: In vitro embryo production. Attendee (attachment 2.4_10)	Botucatu, São Paulo, Brazil
September 16-20, 2018	10 th International Ruminant Reproduction Symposium (IRRS). Poster presentation and STAFF: Equine chorionic gonadotropin (eCG) impacts the transcriptional profile of genes involved with competence of cumulus-oocyte complexes and embryo quality in superstimulated Nelore cows. (attachment 2.4_11)	Foz do Iguaçu, Paraná, Brazil
April 10-11, 2017	How to do a blastocyst? Speaker: Extracellular vesicles of follicular fluid from superstimulated cows and its effects on in vitro embryo production (attachment 2.4_12)	Botucatu, São Paulo, Brazil
April 27, 2018	We need to talk about gender and sexuality. Speaker: The “biological” sex. (attachment 2.4_13)	Bauru, São Paulo, Brazil
May 15 and 22, 2017	Human Reproduction Assisted. Workshop speaker (attachment 2.4_14)	Bauru, São Paulo, Brazil
August 17-19, 2017	XXXI Brazilian society of embryo technology (SBTE). Poster presentation: Pregnancy-associated plasma protein-A (PAPP-A) added during in vitro maturation: effects on meiosis progression, oocyte DNA fragmentation and gene expression in bovine cumulus-oocyte complexes. (attachment 2.4_15)	Cabo de Santo Agostinho, Pernambuco, Brazil
August 29, 2017	Introduction to the in vitro embryo production technique. Workshop Speaker (attachment 2.4_16)	Bauru, São Paulo, Brazil
October 6, 2017	Graduation lesson. Lecture: Oogenesis and oocyte maturation. (attachment 2.4_17)	Presidente Prudente, São Paulo, Brazil
August 25-	XXX Brazilian society of embryo technology (SBTE): Poster presentation:	Foz do Iguaçu, Paraná, Brazil



27, 2016	Exossomos do fluido folicular de vacas Nelore modulam a expressão gênica em células do cumulus e blastocistos bovinos. (attachment 2.4_18)	
August 20-23, 2015	XXX Brazilian society of embryo technology (SBTE): Poster presentation: Efeitos moleculares e celulares de exossomos do fluido folicular de vacas Nelore submetidas à superestimulação ovariana (attachment 2.4_19)	Gramado, Rio Grande do Sul, Brazil

PUBLICATIONS

12 peer-reviewed articles, 1 book chapter, and 38 conference proceedings

H-index: 5; number of citations:71 (from Scopus 20/12/2022)

Books (2.5 attachment)
RENIN-ANGIOTENSIN SYSTEM ON REPRODUCTIVE BIOLOGY. In: Renin-Angiotensin System - Past, Present and Future. 1ed.: InTech, 2017, p. 71-81. CASTILHO, ANTHONY C.S.; FONTES, PATRICIA K.; FRANCHI, FERNANDA F. ; SANTOS,PRISCILA H. ; RAZZA, EDUARDO M.

Articles in reviews (2.6 attachments)
Progress toward species-tailored prematuration approaches in carnivores. Theriogenology Volume 196, Pages 202-213, 2023 . ALBERTO MARIA LUCIANO, FEDERICA FRANCIOSI, PRITHA DEY, MAGDALENA LADRON DE GUEVARA, NOEMI MONFERINI, SAI KAMAL NAG BONUMALLU, GIULIA MUSMECI, FERNANDA FAGALI FRANCHI , RODRIGO GARCIA BARROS, MARTINA COLOMBO, VALENTINA LODDE. (attachment 2.6_1)
Expression of bta-miR-222 and LHCGR in bovine cultured granulosa cells: Impact of follicle deviation and regulation by FSH/insulin in vitro. Theriogenology Volume 182, Pages 71-77, 2022 . P.H.SANTOS, S.G.NUNES, F.F.FRANCHI , A.B.GIROTO, P.K.FONTES, V.G.PINHEIRO, A.C.S.CASTILHO. (attachment 2.6_2)
Treatment of in vitro-Matured Bovine Oocytes with Tauroursodeoxycholic Acid Modulates the Oxidative Stress Signaling Pathway. Front. Cell Dev. Biol., Sec. Cell Growth and Division, 2021. ELISA MARIANO PIOLTINE, CAMILA BORTOLIERO COSTA, LAÍS BARBOSA LATORRACA, FERNANDA FAGALI FRANCHI , PRISCILA HELENA DOS SANTOS, GISELE ZOCCAL MINGOTI, FÁBIO FREITAS DE PAULA-LOPES AND MARCELO FÁBIO GOUVEIA NOGUEIRA. (attachment 2.6_3)
Partial luteolysis during early diestrus in cattle downregulates VEGFA expression and reduces large luteal cell, corpus luteum sizes and plasma progesterone concentration. Theriogenology Volume 158, Pages 188-195, 2020 . E.TREVISOL, H.D.MOGOLLÓN GARCÍA, C.L.ACKERMANNA, W.LACERDA, R.M.L.PIRES, R.LAUFER-AMORIN, R.F.CARVALHO, F.F .FRANCHI , A.C.S.CASTILHO, G.RIZZOTO, J.P.KASTELIC, J.C.P.FERREIRA. (attachment 2.6_4)
Fractal analysis and histomolecular phenotyping provides insights into extracellular matrix remodeling in the developing bovine fetal ovary. Biochemical and Biophysical Research Communications, v. 523, p. 823-828, 2020 . FRANCHI, F.F. ; HERNANDES, M.P.; COALHO FERREIRA, A.L.; VIEIRA DE LIMA, V.A.; DE OLIVEIRA MENDES, L.; MUSA DE AQUINO, A.; SCARANO,W.R.; CÉSAR DE SOUZA CASTILHO, A. (attachment 2.6_5)
Equine chorionic gonadotropin drives the transcriptional profile of immature cumulus-oocyte complexes and in vitro-produced blastocysts of superstimulated Nelore cows. Molecular Reproduction and development, v. 86, p. 1639, 2019 . FRANCHI, FERNANDA FAGALI ; SATRAPA, RAFAEL AUGUSTO ;FONTES, PATRÍCIA KUBO; SANTOS, PRISCILA HELENA; RAZZA, EDUARDO MONTANARI; EMANUELLI, ISABELE PICADA; ERENO, RONALDO LUIZ; MARECO, EDSON ASSUNÇÃO; NOGUEIRA, MARCELO FÁBIO GOUVEIA; BARROS, CIRO



MORAES; SOUZA CASTILHO, ANTHONY CÉSAR. (attachment 2.6_6)
Use of pregnancy-associated plasma protein-A during oocyte in vitro maturation increases IGF-1 and affects the transcriptional profile of cumulus cells and embryos from Nelore cows. <i>Molecular reproduction and development</i> , v. 86, p. 1694, 2019. GIROTO, ALAN B.; FONTES, PATRÍCIA K.; FRANCHI, FERNANDA F. ; DOS SANTOS, PRISCILA H.; RAZZA, EDUARDO M.; NOGUEIRA, MARCELO F. G.; MAIOLI, MARCOS A.; NOGUEIRA, GUILHERME P.; NUNES, GIOVANA B.; MINGOTI, GISELE Z.; MARECO, EDSON A.; CASTILHO, ANTHONY C. S. (attachment 2.6_7)
Expression of fibroblast growth factor 22 (FGF22) and its receptor, FGFR1B, during development and regression of bovine corpus luteum. <i>Theriogenology</i> , v. 125, p. 1-5, 2019. CASTILHO, A.C.S.; DALANEZI, F.M.; FRANCHI, F. F. ; PRICE, C.A.; FERREIRA, J.C.P.; TREVISOL, E.; BURATINI, J. (attachment 2.6_8)
Extracellular vesicles of follicular fluid from heat-stressed cows modify the gene expression of in vitro-matured oocytes. <i>Animal reproduction science</i> , v. 205, p. 94-104, 2019. MORALES DALANEZI, FELIPE; MOGOLLON GARCIA, HENRY DAVID; DE ANDRADE FERRAZZA, RODRIGO; FAGALI FRANCHI, FERNANDA ; KUBO FONTES, PATRICIA; DE SOUZA CASTILHO, ANTHONY CESAR; GOUVEIA NOGUEIRA, MARCELO FÁBIO; DOS SANTOS SCHMIDT, ELIZABETH MOREIRA; SARTORI, ROBERTO; PINHEIRO FERREIRA, JOÃO CARLOS. (attachment 2.6_9)
Treatment with cyclic adenosine monophosphate modulators prior to in vitro maturation alters the lipid composition and transcript profile of bovine cumulus-oocyte complexes and blastocysts. <i>Reproduction fertility and development</i> , v. 31, p. xx, 2018. RAZZA, E.M.; SUDANO, M. J.; FONTES, P.K.; FRANCHI, F.F. ; BELAZ, K. R. A.; SANTOS, P.H.; CASTILHO, A. C. S. ROCHA, D. F.; MACHADO, M. F.; NOGUEIRA, MARCELO FÁBIO GOUVEIA. (attachment 2.6_10)
Effect of superstimulation on the expression of microRNAs and genes involved in steroidogenesis and ovulation in Nelore cows. <i>Theriogenology</i> , v. 110, p. 192-200, 2018. SANTOS, P.H.; SATRAPA, R.A.; FONTES, P.K.; FRANCHI, F.F. ; RAZZA, E.M.; MANI, F.; NOGUEIRA, M.F.G.; BARROS, C.M.; CASTILHO, A.C.S. (attachment 2.6_11)
Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , v. 94, p. 64-70, 2017. SANTOS, P.H.; FONTES, P.K.; FRANCHI, F.F. ; NOGUEIRA, M.F.G.; BELAZ, K.R.A.; TATA, A.; EBERLIN, M.N.; SUDANO, M.J.; BARROS, C.M.; CASTILHO, A.C.S. (attachment 2.6_12)
Congress proceedings
Development of an in vitro model to study the exposure to nutrient imbalance in female blastocysts. F. FAGALI FRANCHI , R. GARCIA BARROS, G. MUSMECI, A.M. LUCIANO, F. FRANCIOSI. In: 19 International Congress on Animal Reproduction (ICAR), 2022, Bologna, Italy.
Extracellular vesicles from superstimulated cows carry differential molecular signatures and drives gene expression of oocytes and blastocysts. FERNANDA FAGALI FRANCHI , PRISCILA HELENA DOS SANTOS, SARAH GOMES NUNES, PATRICIA KUBO FONTES, JULIANO COELHO DA SILVEIRA, MARCELO FÁBIO GOUVEIA NOGUEIRA, ANTHONY CÉSAR DE SOUZA CASTILHO. IX International Symposium on Animal Biology of Reproduction (ISABR), 2022, Bento Gonçalves - RS, Brazil.
Impairment on development and gene expression of bovine embryos derived from oocytes exposed to genistein. ALAN BRUNHOLI GIROTO, FERNANDA FAGALI FRANCHI , SARAH GOMES NUNES, BARBARA GOMES RODRIGUES NOGUEIRA BISCOLA, ANTHONY CÉSAR DE SOUZA CASTILHO. In: 35 Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2022, Foz do Iguaçu - PR, Brazil. <i>Anim Reprod</i> , vol.19, e22134.
Pre-fertilization approach using α -l-fucosidase modulates zona pellucida hardening during bovine in vitro embryo production THAINÁ SALLUM BACCO MANSSUR, TALITA RAQUEL CAVICHIOLI SESASTIÃO, PRISCILA HELENA DOS SANTOS, FERNANDA FAGALI FRANCHI , SARAH GOMES NUNES, ANTHONY CÉSAR DE SOUZA CASTILHO, PATRÍCIA KUBO FONTES. In: 35 Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2022, Foz do Iguaçu - PR, Brazil. <i>Anim Reprod</i> , vol.19, e22125.
Oocyte maturation with bisphenol A (BPA) induces oxidative stress and impairs bovine embryo production. BÁRBARA GOMES RODRIGUES NOGUEIRA BISCOLA , ALAN BRUNHOLI GIROTO, FERNANDA



<p>FAGALI FRANCHI, SARA GOMES NUNES, ANTHONY CÉSAR DE SOUZA CASTILHO. In: 35 Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2022, Foz do Iguaçu - PR, Brazil. Anim Reprod, vol.19, e22087.</p>
<p>Oocyte exposure to genistein impairs development and quality of in vitro-produced bovine embryos GIROTO, ALAN B. ; FRANCHI, FERNANDA F. ; NUNES, S.G. ; BISCOLA, B. G. R. N. ; MENDES, LEONARDO O. ; SCARANO, WELLERSON RODRIGO ; CASTILHO, ANTHONY CESAR SOUZA. In: XXIV Congresso Brasileiro de Reprodução Animal and VIII International Symposium on Animal Biology of Reproduction, 2021. Thematic section: VIII International Symposium on Animal Biology of Reproduction (ISABR 2020/2021), Anim Reprod, vol.19, n1, p.0, 2022.</p>
<p>Bisphenol a (bpa) increases oxidative stress on in vitro impairs bovine embryo production. BISCOLA, B. G. R. N. ; GIROTO, A.B. ; FRANCHI, FERNANDA F. ; NUNES, S.G. ; MENDES, LEONARDO O. ; SCARANO, WELLERSON RODRIGO ; CASTILHO, ANTHONY CESAR SOUZA. In: XXIV Congresso Brasileiro de Reprodução Animal and VIII International Symposium on Animal Biology of Reproduction, 2021. Thematic section: VIII International Symposium on Animal Biology of Reproduction (ISABR 2020/2021), Anim Reprod, vol.19, n1, p.0, 2022.</p>
<p>Effect of Heat Shock Protein A5 (HSPA5) on maturation oocyte during bovine in vitro embryo production. Sarah Gomes Nunes, Priscila Helena dos Santos, Fernanda Fagali Franchi, Patricia Kubo Fontes, Anthony César de Souza Castilho. In: XXIV Congresso Brasileiro de Reprodução Animal and VIII International Symposium on Animal Biology of Reproduction, 2021. Thematic section: VIII International Symposium on Animal Biology of Reproduction (ISABR 2020/2021), Anim Reprod, vol.19, n1, p.0, 2022.</p>
<p>Molecular effects of TUDCA addition during in vitro maturation of bovine oocytes PIOLTINE, E. M. ; COSTA, CAMILA BORTOLIERO ; FRANCHI, F. F. ; SANTOS, P. H. ; NOGUEIRA, M. F. G. In: XXXI V Annual Meeting of the Brazilian Embryo Technology Society (SBTE); Anim Reprod. 2020;17(3)</p>
<p>Ovarian superstimulation down-regulates expression of follicular fluid-derived exosomal microRNAs in Nelore cows. FERNANDA FRANCHI, PRISCILA DOS SANTOS, PATRICIA FONTES, ANA CLARA DE ÁVILA, JULIANO DA SILVEIRA, EDSON MARECO, ANTHONY CASTILHO. In 52nd Society for the Study of Reproduction Annual Meeting, 2019, San Jose, California, USA. Proceedings of the 52 SSR Annual Meeting, 2019, P525</p>
<p>Evidence that Pregnancy-Associated Serum Protein-A (PAPP-A) Plays Role on Bovine In Vitro Embryo Production. GIROTO, A. B.; FRANCHI, F. F.; FONTES, P. K.; MAIOLI, M. A.; NOGUEIRA, G. P.; NOGUEIRA, M.F.G.; CASTILHO, A.C.S. In: IETS, 2018, Bangkok. 44^o Annual Conference of the International Embryo Technology Society, 2018. v. 30. p. 204.</p>
<p>Equine chorionic gonadotropin (eCG) impacts the transcriptional profile of genes involved with competence of cumulus-oocyte complexes and embryo quality in superstimulated Nelore cows. FRANCHI, F. F.; SANTOS, P. H.; FONTES, P. K.; RAZZA, E. M.; MARECO, E.; NOGUEIRA, M. F. G.; CASTILHO, A. C. S. In: 10th International Ruminant Reproduction Symposium, 2018, Foz do Iguaçu - Brazil. Proceedings of the 10th International Ruminant Reproduction Symposium, 2018. v. 15. p. 1122.</p>
<p>Transcripts abundance modulation by AREG and FSH treatments during the in vitro maturation of bovine cumulus-oocyte complexes. PRONUNCIATE, M.; PIOLTINE, E. M.; GUILHERME, V. B.; FRANCHI, F. F.; FONTES, P. K.; NOGUEIRA, M. F. G. In: 10th International Ruminant Reproduction Symposium, 2018, Foz do Iguaçu - Brazil. Proceedings of the 10th International Ruminant Reproduction Symposium, 2018. v. 15. p.1067.</p>
<p>HSPA5 and in vitro embryo production: effect of addition of the protein during in vitro embryo culture in cattle. SANTOS, P. H.; FONTES, P. K.; FRANCHI, F. F.; GIROTO, A. B.; NUNES, S. G.; GUILHERME, V. B.; CASTILHO, A. C. S. In: 10th International Ruminant Reproduction Symposium, 2018, Foz do Iguaçu - Brazil. Proceedings of the 10th International Ruminant Reproduction Symposium, 2018. v. 15. p. 1070.</p>
<p>Evidence that pregnancy-associated plasma protein-A (PAPP-A) plays a role in bovine in vitro-embryo production. GIROTO, A. B.; AMORIS, J. V.; FRANCHI, F. F.; FONTES, P. K.; SANTOS, P. H.; MAIOLI, M. A.; NOGUEIRA, G. P.; NUNES, G. B.; MINGOTI, G. Z.; NOGUEIRA, M. F. G.; CASTILHO, A. C. S. In: 10th International Ruminant Reproduction Symposium, 2018, Foz do Iguaçu - Brazil. Proceedings of the 10th International Ruminant Reproduction Symposium, 2018. v. 15. p. 1123.</p>



<p>Gene expression related to meiosis resumption after associated use of NPPC and rhFSH during in vitro prematuration of bovine cumulus-oocyte complexes. PIOLTINE, E. M.; SAWA, A. G.; ALMEIDA JUNIOR, A. M.; PRONUNCIATE, M.; FRANCHI, F. F.; NOGUEIRA, M. F. G. In: 10th International Ruminant Reproduction Symposium, 2018, Foz do Iguacu - Brazil. Proceedings of the 10th International Ruminant Reproduction Symposium, 2018. v. 15. p. 1059.</p>
<p>Expression of bta-miR-222 in bovine granulosa cells: effect of follicle deviation and regulation by FSH/insulin in vitro. SANTOS, P. H.; FRANCHI, F. F.; MENDES, L. O.; FONTES, P. K.; PINHEIRO, V. G.; CASTILHO, A. C. S. In: XXXII Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2018, Florianópolis - Brazil. Proceedings of the 32nd Annual Meeting of the Brazilian Embryo Technology Society, 2018. v. 15. p. 453.</p>
<p>Evidence that Pregnancy-Associated Serum Protein-A (PAPP-A) Plays Role on Bovine In Vitro Embryo Production. GIROTO, A. B.; FRANCHI, F. F.; FONTES, P. K.; MAIOLI, M. A.; NOGUEIRA, G. P.; NOGUEIRA, M.F.G.; CASTILHO, A.C.S. In: IETS, 2018, Bangkok. 44^o Annual Conference of the International Embryo Technology Society, 2018. v. 30. p. 204.</p>
<p>Pregnancy-associated plasma protein-A (PAPP-A) added during in vitro maturation: effects on meiosis progression, oocyte DNA fragmentation and gene expression in bovine cumulus-oocyte complexes. F. F. FRANCHI, P. K. FONTES, P. H. SANTOS, E. M. RAZZA, R. B. RODRIGUES, A. CARVALHO, M. F. G. NOGUEIRA, A. C. S. CASTILHO. In: XXXI Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2017, Cabo de Santo Agostinho - Brazil. Proceedings of the 31st Annual Meeting of the Brazilian Embryo Technology Society, 2017. Anim. Reprod., v.14, n.3, p.830.</p>
<p>Pregnancy-associated plasma protein-A (PAPP-A) increases free IGF-1 on in vitro maturation medium and modulates important genes related to embryonic development in bovine in vitro-produced blastocysts. A. B. Giroto, P. K. FONTES, F. F. FRANCHI, E. M. RAZZA, M. Maioli, G. P. Nogueira, M. F. G. NOGUEIRA, A. C. S. CASTILHO. In: XXXI Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2017, Cabo de Santo Agostinho - Brazil. Proceedings of the 31st Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2017. v. 14, n.3, p. 831.</p>
<p>Changes in MicroRNAs expression in granulosa cells from superstimulated cows. P. H. SANTOS, P. K. FONTES, F. F. FRANCHI, V. B. GUILHERME, M. F. G. NOGUEIRA, C. M. BARROS, A. C. S. CASTILHO. In: XXXI Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2017, Cabo de Santo Agostinho - Brazil. Proceedings of the 31st Annual Meeting of the Brazilian Embryo Technology Society (SBTE), 2017. v. 14, n.3, p.786.</p>
<p>SANTOS, P. H. ; FONTES, P. K. ; FRANCHI, F. F. ; NOGUEIRA, M. F. G. ; BARROS, C. M. ; SUDANO, M. J. ; CASTILHO, A. C. S. . Perfil de genes relacionados ao metabolismo lipídico em células da granulosa de vacas Nelore submetidas à superestimulação ovariana. In: XXX Reunião Anual da Sociedade Brasileira de Tecnologia de Embriões, 2016, Foz do Iguacu. XXX Reunião Anual da Sociedade Brasileira de Tecnologia de Embriões, 2016.</p>
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OTHER INFORMATION (2.7 attachments)

Referee

- Frontiers Cell and Developmental Biology. Published on 15 February 2022 (doi: 10.3389/fcell.2022.762228) (attachment 2.7_1)

Examination board member

-Scientific 11° Prize of University of Western São Paulo in Biological and Health Science field in National Meeting of Teaching, Research and Extension. Universidade do Oeste Paulista (UNOESTE); October 2022, Presidente Prudente, SP - Brazil (online); (attachment 2.7_2)

-Qualification exam; Title: Impact of ovarian superstimulation on the stereology and remodeling of the bovine oviduct extracellular matrix. Universidade do Oeste Paulista (UNOESTE); May 2022, Presidente Prudente, SP - Brazil (online); (attachment 2.7_3)

-XI Symposium of Pharmacology and Biotechnology. September 2022, São Paulo State University (UNESP), Botucatu, SP - Brazil (online) (attachment 2.7_4)

-Undergraduate thesis; Title: In vitro three-dimensional culture of bovine ovarian fragments in different systems: magnetic levitation associated with nanoparticles, alginate matrix and alginate-fibrin matrix. Instituto Sapientae ; April 2021, São Paulo, Brazil (online); (attachment 2.7_5)

-Undergraduate thesis; Title: Effects of PAPP-A addition on molecular and cellular aspects of the bovine oocyte's in vitro maturation. Universidade Paulista (UNIP); August 2017, Bauru, Brazil; (attachment 2.7_6)

-Undergraduate thesis; Title: Effects of PAPP-A addition on molecular and cellular aspects of the bovine oocyte's in vitro maturation. Universidade Paulista (UNIP); August 2017, Bauru, Brazil. (attachment 2.7_7)

Organization Skills

Organization of IX Symposium of Pharmacology and Biotechnology. March 2020, São Paulo State University (UNESP), Botucatu, SP - Brazil (attachment 2.7_8)

Staff in: 10th International Ruminant Reproduction Symposium (IRRS). September 2018, Foz do iguaçu - PR - Brazil. (attachment 2.7_9)

Staff in: XXXI Brazilian society of embryo technology (SBTE). August 2017, Cabo de Santo Agostinho, PE - Brazil. (attachment 2.7_10)

Organization of: 1st Workshop PHARMABIOTECH: "in vitro embryo production". May 2018, Sao Paulo State University (UNESP), Botucatu, SP - Brazil. (attachment 2.7_11)



Organization of “VIII Symposium of Pharmacology and Biotechnology”. March 2019, Sao Paulo State University (UNESP), Botucatu, SP - Brazil. (attachment 2.7_12)

Organization of “VII Symposium of Pharmacology and Biotechnology”. March 2018, Sao Paulo State University (UNESP), Botucatu, SP - Brazil. (attachment 2.7_13)

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Lodi, 20 December 2022.

SIGNATURE

Fernanda Zagali Franchi