

Curriculum Vitae

Edgar del Llano

PhD candidate

Laboratory of Biochemistry and Molecular Biology of Germ Cells

Institute of Animal Physiology and Genetics, CAS

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Education/Qualifications

2015-Present Charles University in Prague, Czech Republic; Faculty of Science

A PhD student of the Study Program Developmental and Cell Biology

PhD thesis: Age-related differences in translation of mammalian oocytes

2013-2014 University of Nottingham, United Kingdom

Master Med. Sci. in Assisted Reproduction Techniques

Internship to conduct diploma thesis at the department of Biology of Development and Reproduction, INRA, Paris, France

Diploma thesis: The effects of TSA on the development and pre-patterning of mice embryos

2011-2012 Autonomous University of Barcelona, Spain

Master Sci. in Advanced Genetics

Internship for conduct diploma thesis at the CIBBIM Nanomedicine, VHIR, Barcelona, Spain

Diploma thesis: The role of EPHB6 in colorectal cancer

Presentations and conferences

2019

- MiniRNA meeting, Zeliv, Czech Republic. Oral presentation.
- RNA Club 2019, Prague, Czech Republic. Poster presentation.

- Awakening of the genome: The maternal-to-zygotic transition, Prague, Czech Republic. Poster presentation.

2018

- RNA Club 2018, Prague, Czech Republic. Poster presentation.
- Visegrad Group Society for Developmental Biology, Inaugural Meeting, Brno, Czech Republic. Oral and poster presentation.
- ESHRE annual meeting (2018), Barcelona, Spain. Oral presentation.

2017

- EMBO Protein synthesis and translational control, Heidelberg, Germany. Poster presentation.

2016

- RNA club, Brno, Czech Republic. Poster presentation.

Publications

- Masek T, **Del Llano E**, Gahurova L, Kubelka M, Susor A, Roucova K, Lin CJ, Bruce AW, Pospisek M. Identifying the Transcriptome of Mouse NEBD-Stage Oocytes via SSP-Profiling; A Novel Polysome Fractionation Method. *Int J Mol Sci.* 2020;21(4):1254. Published 2020 Feb 13. doi:10.3390/ijms21041254
- Tetkova A, Susor A, Kubelka M, Nemcova L, Jansova D, Dvoran M, **Del Llano E**, Holubcova Z, Kalous J. Follicle-stimulating hormone administration affects amino acid metabolism in mammalian oocytes†. *Biol Reprod.* 2019;101(4):719-732. doi:10.1093/biolre/ioz117
- Koncicka M, Tetkova A, Jansova D, **Del Llano E**, Gahurova L, Kracmarova J, Prokesova S, Masek T, Pospisek M, Bruce AW, Kubelka M, Susor A. Increased Expression of Maturation Promoting Factor Components Speeds Up Meiosis in Oocytes from Aged Females. *Int J Mol Sci.* 2018;19(9):2841. Published 2018 Sep 19. doi:10.3390/ijms19092841
- Jansova D, Koncicka M, Tetkova A, Cerna R, Malik R, **Del Llano E**, Kubelka M, Susor A. Regulation of 4E-BP1 activity in the mammalian oocyte. *Cell Cycle.* 2017;16(10):927-939. doi:10.1080/15384101.2017.1295178
- Mateo-Lozano S, Bazzocco S, Rodrigues P, Mazzolini R, Andretta E, Dopeso H, Fernández Y, Del Llano E, Bilic J, Suárez-López L, Macaya I, Cartón-García F, Nieto R, Jimenez-Flores LM, de Marcondes PG, Nuñez Y, Afonso E, Cacci K, Hernández-Losa J, Landolfi S, Abasolo I, Ramón Y Cajal S, Mariadason JM, Schwartz S Jr, Matsui T, Arango D. Loss of the EPH receptor B6 contributes to colorectal cancer metastasis. *Sci Rep.* 2017;7:43702. Published 2017 Mar 6. doi:10.1038/srep43702
- Sepulveda-Rincon LP, **Solanas Edel L**, Serrano-Revuelta E, Ruddick L, Maalouf WE, Beaujean N. Early epigenetic reprogramming in fertilized, cloned, and parthenogenetic embryos. *Theriogenology.* 2016;86(1):91-98. doi:10.1016/j.theriogenology.2016.04.022

Pending publication

- **Del Llano E**, Masek T, Gahurova L, Pospisek M, Koncicka M, Jindrova A, Jansova D, Iyyappan R, Roucova K, Bruce AW, Kubelka M, Susor A. Age-related differences in the translational landscape of mammalian oocytes. *Aging Cell*. Submitted the 6th May 2020.