



## Curriculum Vitae

First name(s)/Surname

**Elia Paradiso**

Date of birth

August 1, 1988

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Nationality

Italian

Gender

Female

### Present Position

PhD in Clinical and Experimental Medicine (CEM) at the Unit of Endocrinology, Dept. Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena, Italy

### Mother tongue

Italian

### Other language

Good working knowledge of written and spoken English

### Education and training

Date

April 11, 2018

Title of qualification awarded

Master Degree in **Experimental and Applied Biology**

Title of the thesis: "Effetti mediati dai recettori della sfingosina-1-fosfato sull'attivazione di p-CREB in cellule della granulosa umane". 110/110 cum laude.  
University of Modena and Reggio Emilia

Supervisor

Dr. Livio Casarini (Unit of Endocrinology, Dept. Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia)

Date

April 30, 2014

Title of qualification awarded

Bachelor in Biological Science

Thesis Title: "Modelli matematici di diffusione di malattie infettive".  
University of Molise

Supervisor

Prof. Ciro Marmolino

Diploma

Diploma at Liceo Scientifico Pietro Paolo Parzanese

Via Giacomo Matteotti, 7, 83031 (Ariano Irpino AV)

**Internship** . 1-week Internship (3rd - 8th December 2018). Training in ovarian follicle 3D culture and immunohistochemical / immunofluorescence techniques. Professor Federica Gioia Klinger, Università di Tor Vergata Roma, Roma, Italy.

**Scientific societies membership**

- European Society of Endocrinology (ESE)
- Associazione Scientifica in Endocrinologia, Andrologia e Metabolismo (ASEAM)
- Società Italiana Ricerca Traslazionale e Professioni Sanitarie (SIRTEPS)
- 2019 - “ESE Basic Science Meeting Grant” from the European Society of Endocrinology for the contribution in basic science at the European Congress of Endocrinology (ECE) 2019, 18-21 May 2019, Lyon, France.

**Awards and Grants**

- **Paradiso E.** S1P induces PI3k-dependent CREB phosphorylation uncoupled to steroidogenesis, in human granulosa cells. LE STUDIUM Conference, 16-18 October 2019, Tours, France
- **Paradiso E.** Granulosa cell signaling-based bioassay in vitro for personalized stimulation in ART. ESHRE, 23-26 June 2019, Vienna, Austria

**Oral presentations at international congresses:**

## Scientific Publications

### **Peer-reviewed articles:**

- Riccetti L, Sperduti S, Lazzaretti C, Klett D, De Pascali F, **Paradiso E**, Limoncella S, Potì F, Tagliavini S, Trenti T, Galano E, Palmese A, Satwekar A, Daolio j, Nicoli A, Villani MT, Aguzzoli L, Reiter E, Simoni M, Casarini L. Glycosylation pattern and in vitro bioactivity of reference follitropin alfa and biosimilars. *Frontiers in Endocrinology*, 2019.  
<https://doi.org/10.3389/fendo.2019.00503>

### **Poster Presentations:**

- Lazzaretti C, Secco V, **Paradiso E**, Sperduti S, Kreuchwig A, Simoni M, Krause G, Casarini L. Aminoacidic residues discriminating human choriogonadotropin (hCG) and luteinizing hormone (LH) binding to its receptor (LHCGR). LE STUDIO Conference - Targeting GPCR to generate life, preserve the environment and improve animal breeding: technological and pharmacological challenges, 16-18 October 2019, Tours, France.
- Lazzaretti C, **Paradiso E**, Melli B, Limoncella S, Sayers N, Brigante G, Potì F, Valli B, Falbo A, Villani MT, Fanelli F, Simoni M, Hanyaloglu AC, Casarini L. Dominance of ovarian follicles is determined by follicle-stimulating hormone receptor (FSHR) and G protein-coupled estrogen receptor (GPER) heteromers. GPCR Retreat 2019, 26-28 September, Bromont, Canada.
- Casarini L, Sperduti S, Limoncella S, Lazzaretti C, **Paradiso E**, Riccetti L, Bertacchini J, Palumbo C, Millar RP, D'Hooghe T, Longobardi S, Wieser F, Simoni M, Newton CL. Inhibition of GnRH-mediated intracellular signaling in vitro differs according to type of antagonist. ESHRE, 23-26 June 2019, Vienna, Austria.
- **Paradiso E**, Lazzaretti C, Riccetti L, Sperduti S, Antoniani F, Brigante G, De Feo G, Morini D, Iannotti F, Simoni M, Potì F, Casarini L. Spingosine-1-phosphate induces cAMP/PKA-independent pCREB activation, but not steroidogenesis, in human granulosa cells. 21st European Congress of Endocrinology 2019, 18-21 May 2019, Lyon, France.
- Casarini L, Lazzaretti C, **Paradiso E**, Riccetti L, Sperduti S, Marcozzi S, Sayers N, Brigante G, Potì F, La Marca A, Valli B, Falbo A, Villani MT, Klinger FG, Fanelli F, Hanyaloglu AC, Simoni M. Dominance of ovarian follicles is determined by follicle-stimulating hormone receptor (FSHR) and G protein-coupled estrogen receptor (GPER) heteromers. 21st European Congress of Endocrinology 2019, 18-21 May 2019, Lyon, France.

- Lazzaretti C, **Paradiso E**, Riccetti L, Sperduti S, Brigante G, Potì F, Fanelli F, Simoni M, Hanyaloglu AC, Casarini L. Demonstration of follicle-stimulating hormone receptor (FSHR) and G protein- coupled estrogen receptor (GPER) heterodimerization by bioluminescence resonance energy transfer (BRET). 21st European Congress of Endocrinology 2019, 18-21 May 2019, Lyon, France.
- Brigante G, Lazzaretti C, **Paradiso E**, Forsti A, Hemminki K, Elisei R, Romei C, Simoni M, Landi S, Casarini L. Polygenic susceptibility to papillary thyroid cancer: detection of the main genetic signature in Italian patients. 21st European Congress of Endocrinology 2019, 18- 21 May 2019, Lyon, France

## Congress and seminar

### Participation

LE STUDIUM Conference - Targeting GPCR to generate life, preserve the environment and improve animal breeding: technological and pharmacological challenges. Tours, France 16-18 October 2019

35th European Society of Human Reproduction and Embryology (ESHRE 2019) vienna, Austria 23-26 June 2019

FIRST NATIONAL MEETING S.I.R.T.E.P.S. (Società Italiana Ricerca Traslazionale e Professioni Sanitarie) "Translational Medicine and Clinical Research in Health Care Management". Roma, Italy. 21st June 2019

21st European congress of Endocrinology 2019 (ECE2019), Lyon, France 18 - 21 May 2019

Seminar: PhD, Francesco Potì. Title: "Sfingosina 1-fosfato e suoi recettori: nuovi target in ematologia?". Modena, Italy. 19st March 2019

Seminar: Prof. Manuela Simoni. Title: "Fatti e misfatti e misteri degli steroidi 5 alfa ridotti: mascolinizzazione, calvizie e follia" Modena, Italy, 11st March 2019

Course on the flow cytometry Attune NxT. Modena, Italy, 26th February 2019

Seminar: Prof. Sander Greenland. Title: "The need for cognitive science in statistics". Modena, Italy, 22st February 2019

Seminar: "Improving your Exome sequencing with better coverage uniformity and on-target rates". Organized by Tema Ricerca s.r.l. Bologna, Italy, 21st November 2018

Course: Corso di formazione complementare per dottorandi e assegnisti ediz. 2018 University of Modena and Reggio Emilia. Modena, Italy, 13th – 16th November 2018

Seminar: Prof. Adolfo Rivero-Muller. Title: "What two extremely rare mutations in the pituitary/gonadal axis can teach us?" Modena, Italy, 9th November 2018

Seminar: Dr. Aylin C. Hanyaloglu. Title of the lecture: "Old Dog, New Tricks: Insights In to the Molecular Regulation of GPCRs from Studies of the LH/hCG Receptor". Modena, Italy, 19th October 2018

International Conference on Gonadotropins and Receptors (ICGR-IV Modena 2017) and 12th International Symposium on GnRH

Course: Corso di Formazione "La Normativa in ambito di Medicina Trasfusionale" presso l'Ospedale Cardarelli, Campobasso

### Computer skills and competences

ECDL certificate IT-Security-Specialised Level

### Other skills and competences

Progetto FADsicurMORE – "Formazione specifica per rischio basso"

Progetto FADsicurMORE – "Formazione specifica per rischio medio"

Progetto FADsicurMORE – "Formazione generale alla prevenzione e alla sicurezza sul lavoro"