

## CURRICULUM VITAE of MARTINA BELLI

**PERSONAL INFORMATION:** Martina Belli  
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28/08/1986  
Female

**OCCUPATIONAL FIELD:** Research in biological, biotechnological and medical field.

**RESEARCH INTERESTS:** acquisition of developmental competence by the female gamete.

### EDUCATION AND TRAINING:

NOVEMBER 2010 - now

PhD program in Bioengineering and Bioinformatics, Laboratory of Developmental Biology, Department of Biology and Biotechnology, University of Pavia.

Research on murine folliculogenesis; *in vitro* culture and maturation of murine follicles; transcriptional analysis of a network of genes related with the pluripotency-associated-gene *Oct4*.

OCTOBER 2008 – SEPTEMBER 2010

Master's Degree in Medical, Veterinarian and Pharmaceutical Biotechnology, Faculty of Medicine and Surgery of Parma.

Study of theoretical and practical laboratory practices: 9 month stage at Human Anatomy, Pharmacology and Forensic Medicine laboratory of Parma.

Degree score: 110/110 *cum laude*

Thesis title: *STUDY ON THE EFFECTS OF VON WILLEBRAND FACTOR ON MEGACARYOCYTIC DIFFERENTIATION OF HUMAN CD34 POSITIVE CELLS.*

OCTOBER 2005 – JULY 2008

Bachelor's Degree in Biotechnology, Faculty of Mathematical, Physical and Natural Sciences – University of Parma.

Study of theoretical and practical laboratory practices: 4 month stage at Human Anatomy, Pharmacology and Forensic Medicine laboratory of Parma.

Degree score: 110/110 *cum laude*

Thesis title: *TRAIL INDUCES APOPTOSIS IN IMMATURE LEUCEMIC CELLS AND DIFFERENTIATION IN MORE MATURE LEUCEMIC CELLS THROUGH PKC epsilon MODULATION.*

### PRACTICAL EXPERIENCE:

NOVEMBER 2010-now

Laboratory of Developmental Biology, Department of Biology and Biotechnology, University of Pavia, Italy.

PhD student at the Laboratory of Developmental Biology: learning of the main techniques used in the laboratory concerning *in vitro* culture of murine follicles, *in vitro* culture of murine embryos, analysis of transcripts (PCR, real time PCR) and proteins (western blot, immunocytochemistry) during folliculogenesis and embryogenesis, manipulation of animals.

APRIL-JUNE 2008 AND NOVEMBER 2009- SEPTEMBER 2010

Department of Human Anatomy, Pharmacology and Forensic Medicine - Faculty of Medicine and Surgery, University of Parma, Italy.

Educating Stage at the Human Anatomy laboratory: learning of the principal techniques used in a biological/biotechnological laboratory (PCR, western blot, flow cytometry, cell culture, light microscopy, fluorescence microscopy...).

**Referees:** Professor Zuccotti M., Professor Garagna S., Professor Redi C.A.- Laboratory of Developmental Biology, Department of Biology and Biotechnology, University of Pavia, Italy;

**Collaborations:** Dott. Giovanni Coticchio, PhD, BIOGENESI Reproductive Medicine Centre, Istituti Clinici Zucchi, Monza, Italy.

**Attendance at conferences:** 2nd Biogenesi Conference: in vitro maturation of human oocytes: biological foundations for a breakthrough (2-4/12/2010 - Milan, Italy).