

## PERSONAL INFORMATION

## Marta Bottagisio



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 Skype marta.bottagisio

Sex Female | Date of birth 17/01/1988 | Nationality Italian

## POSITION

## Veterinary Biotechnologist

## WORK EXPERIENCE

1 Nov 2014–Present

**Ph.D. Student**

at Cell and Tissue Engineering Laboratory - Galeazzi Orthopaedic Institute, Milan

Jan 2014–Jul 2014

**Internship**

at Cell and Tissue Engineering Laboratory - Galeazzi Orthopaedic Institute, Milan

1 Oct 2012–20 Feb 2013

**Internship**

at the molecular genetics laboratory of the Department of Health, Animal Science and Food Safety, Faculty of Veterinary Medicine, University of Milan

## EDUCATION AND TRAINING

1 Nov 2014–Present

**Ph.D. Course in Veterinary and Animal Science**

University of Milan, Milan (Italy)

Feb 2013–Jul 2014

**Master degree in Veterinary Biotechnology Science**

University of Milan, Milan (Italy)

Graduation Thesis Title: Dynamic culture of ovine bone marrow stem cell loaded-constructs for bone tissue engineering

Final Grades: 110/110 with honours

Oct 2009–Feb 2013

**Academic Degree in Veterinary Biotechnology**

University of Milan, Milan (Italy)

Graduation Thesis Title: Application of molecular tests to determine the coat color of the Akhal-Teké horse breed.

Final Grades: 101/110

23 Apr 2015

**Certificate of attendance**

Biomedica

Via Temolo, 4, 20126 Milan (Italy)

Attendance to the course "Sistematic reviews: how to use it and how to read a meta-analysis" and consequent issuance of certification.

- 17 Nov 2014–21 Nov 2014 **Certificate of attendance**  
 San Raffaele Hospital, Milan (Italy)  
 Attendance to the course "Animal experimentation 2014" and consequent issuance of certification.
- 3 Jul 2014–4 Jul 2014 **Certificate of attendance**  
 University of Genoa, Genoa (Italy)  
 Attendance to the course "Cell culture:alternative methods" and consequent issuance of certification.
- 2002–2007 **Secondary School Diploma**  
 Istituto Magistrale G. Agnesi, Milan (Italy)  
 Secondary school specializing in modern languages (english, geman and spanish)  
 Final Grades: 85/100
- Mar 2007 **Certificate of attendance**  
 Two weeks of formative apprenticeship in Siville, Spain: attendance to spanish courses and consequent issuance of certification.
- Mar 2006 **Certificate of attendance**  
 Two weeks of formative apprenticeship in Berlin, Germany: attendance to german courses and consequent issuance of certification.
- Mar 2005 **Certificate of attendance**  
 Two weeks of formative apprenticeship in Edinburgh, United Kingdom: attendance to english courses and consequent issuance of certification.
- Jun 2004 **Certificate of attendance**  
 EF - Education First, Milano (Italy)  
 Two weeks of formative apprenticeship in St. Julians, Malta: attendance to english courses and consequent issuance of certification.

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
Preliminary English test (PET) B1 - GIU/2002					
Spanish	B1	B1	A2	A2	A2
German	A2	A2	A2	A2	A2
French	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Job-related skills

- Isolation of primary cell lines from human and animal tissues such as bone marrow and cartilage;
- Static and dynamic cell culture of primary cell lines

- Evaluation of cell proliferation (Alamarblue, CyQuant e Trypan Blue test) and viability (MTT);
- Evaluation of cell osteogenic differentiation (ALP activity assay, Alizarin Red S and von Kossa staining)
- RNA extraction, retrotranscription to cDNA and Real Time PCR;
- Basic animal handling, care and procedures
- Histology of *ex vivo* specimen

## Computer skills

- Good command of office suite (word processor, spread sheet, presentation software)

## ADDITIONAL INFORMATION

## Publications

**Bottagisio M**, Lovati AB, Lopa S, Moretti M, Evaluation of different phosphate ion sources in the osteogenic differentiation of human and ovine bone marrow stromal cells, *Cellular Reprogramming* 2015, Accepted.

Lovati AB, Romanò CL, **Bottagisio M**, Monti L, De Vecchi E, Previdi S, Accetta R, Drago L, Modeling Staphylococcus epidermidis-induced non-unions: subclinical and clinical evidence in rats, *Bone*. Submitted on 27/03/2015, Under Review.

**Bottagisio M**, Drago L, Romanò CL, Lovati AB, Animal models of dose-related methicillin-resistant *Staphylococcus epidermidis* infected non-union after osteosynthesis. *eCM XVI Congress 2015*. Poster Presentation.

## Dati personali

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.