

**EUROPEAN  
CURRICULUM VITAE**

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**PERSONAL INFORMATION**

**NAME** Marta Gomasasca  
**WORK PHONE** +39 02 6621 4068  
**E-MAIL** [marta.gomasasca@grupposandonato.it](mailto:marta.gomasasca@grupposandonato.it)

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**WORK EXPERIENCES**

**FROM APR 2017** Researcher at Laboratory of Experimental Biochemistry and Molecular Biology, IRCCS Istituto Ortopedico Galeazzi, Milan

**JUNE 2016-MAR 2017** Researcher at Laboratory of Biotechnological Application, IRCCS Ospedale Ortopedico Galeazzi, Milano, Italy

**OCT 2012-JAN 2016** PhD studies at Institute of Infectiology, Center for Molecular Biology of Inflammation (ZMBE), Westfälische Wilhelms-Universität Münster, Germany as a member of Cell-in-Motion Cluster of Excellence Graduate School / International Max Plank Research School (CiM-IMPRS) joint graduate program

**MAR 2012-SEP 2012** Researcher at Laboratory of Cardiovascular Research, IRCCS MultiMedica, Milano, Italy

**FIELD OF INTEREST** Bone crosstalk with other tissues as endocrine organ  
Biochemical markers of bone metabolism  
Drug delivery systems  
Infection and immune response activation

**WORKING SKILLS** Expertise in: molecular biology, biochemistry, cell biology, cell cultures and cell isolation from tissues, microbiology and infection biology, infection with pathogenic bacteria (Salmonella, Shigella, EPEC and E. coli K1) and viruses (Influenza A virus, Herpes Simplex Virus and phages), immunoassays, microscopy, flow cytometry, chemistry of cross-linking conjugation, design and construction of libraries, libraries screening through phage display.

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**RESEARCH PROFILES**

**ORCID** <http://orcid.org/0000-0003-4379-7374>  
**RESEARCH GATE** [https://www.researchgate.net/profile/Marta\\_Gomasasca](https://www.researchgate.net/profile/Marta_Gomasasca)

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**EDUCATION**

**2016** PhD (Dr. rer. nat.) in Biology, Institute of Infectiology, Center for Molecular Biology of Inflammation (ZMBE), Westfälische Wilhelms-Universität Münster, Germany

**2011** M.Sc. in Molecular Biotechnology and Bioinformatics, curriculum Bioinformatics - University of Milano, Milano, Italy

**2009** B.Sc. in Industrial and Environmental Biotechnology - University of Milano, Milano, Italy

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**OTHER EXPERIENCES**

**2014** Organization of the conference '8th International Münster Graduate School Meeting "Cell Dynamics and Disease" 2014', Münster, Germany

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**AWARDS & GRANTS**

- 'Roche per la Ricerca 2019' Grant award
  - ASM2015 Student Travel Award (May 2015) to attend the 115th General Meeting of American Society of Microbiology (ASM) in New Orleans, LA, USA
  - CEDAD/CiM Fellowship (October 2012 - September 2015) to finance the PhD project
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**PERSONAL SKILLS****LANGUAGE SKILLS**

MOTHER TONGUE	Italian
OTHER LANGUAGES	English
Writing	Excellent
Reading	Excellent
Speech	Excellent

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**SCIENTIFIC CONTRIBUTION****PUBLICATIONS:**

1. Faraldi M., Gomasasca M., Sansoni V., Perego S., Banfi G., Lombardi G. Normalization strategies differently affect circulating miRNA profile associated with the training status. *Sci Rep.* 2019 (Accepted)
2. Faraldi M., Gomasasca M., Banfi G., Lombardi G. Free circulating miRNA measurement in clinical settings: the still unresolved issue of normalization. *Adv Clin Chem.* 2018 Epub Ahead of Print doi.org/10.1016/bs.acc.2018.07.003
3. Sakellariou G., Lombardi G., Vitolo B., Gomasasca M., Faraldi M., Caporali R., Banfi G., Montecuccio C. Serum Calprotectin as a marker of clinical and ultrasound-detected synovitis in early psoriatic and rheumatoid arthritis: results from a cross-sectional retrospective study. *Clin Exp Rheumatol.* 2018
4. Gomasasca M., Martins T., Greune L., Hardwidge P.R., Schmidt M.A. and Rüter C. Bacterial-derived cell-penetrating peptides deliver gentamicin to kill intracellular pathogens. *Antimicrob Agents Chemother.* 2017 Mar 24;61(4). pii: e02545-16. doi: 10.1128/AAC.02545-1

**ORAL PRESENTATIONS:**

1. Gomasasca M., Gualerzi A., Milani A., Niada S., Giannasi C., Ferreira L.M., Gramatica F., Brini A. T. Regenerative potential of ASC-derived conditioned medium (CM). 2016 GISM (Gruppo Italiano Staminali Mesenchimali) Annual Meeting. Brescia, Italy, 2016

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The undersigned Marta Gomasasca authorizes the use of the personal data contained in the CV as reported in the art. 13, D. Lgs. 196/2003 (Italy).

Milano 18<sup>th</sup> December, 2018

In witness thereof,  
Marta Gomasasca