

# Curriculum Vitae

## Personal information

First name / Surname **Maria Rita Fumagalli**  
Address Via Martiri Triestini 3  
20148 Milano (MI), Italy  
E-mail [maria.fumagalli@unimi.it](mailto:maria.fumagalli@unimi.it)  
Mobile Number +39 3201560465  
Nationality Italian  
Date of birth 26th August 1986

## Current Position

**Research Fellow**  
Date March 2016 to present  
Structure Center for Complexity & Biosystems – Department of Environmental Science and Policy  
Università degli studi di Milano  
Address Via Celoria 26, Milano

## Education

**Ph.D. in Complex Systems for Life Sciences**  
Date January 2013 - February 2016  
Thesis title Transposable elements distributions and genome evolution's footprints.  
Structure Università degli studi di Torino  
Address Via Pietro Giuria 1, 10125 Torino

**Master and Post-Master stage**  
Date October 2011 – March 2012 / May - June 2012  
Structure Genomic Physics group  
Génomique des Microorganismes UMR 7238 CNRS  
Université Pierre et Marie Curie  
Address 15, Rue de l'Ecole de Medecine  
75006 Paris, France

**Master of Science in Physics**  
Date March 2012  
Thesis title Stochastic models of evolving bacterial populations under controlled conditions  
Mark 110/110 Cum Laude  
Structure Università degli studi di Milano  
Address Via Celoria 16, Milano, Italy

**Bachelor Degree in Physics**  
Date April 2009  
Mark 110/110 Cum Laude  
Structure Università degli studi di Milano  
Address Via Celoria 16, Milano, Italy

## Principal Schools and Conferences

**Advances in complex systems** July 3-7, 2017  
Lake Como school of Advanced studies (Como), Italy

**The molecular and cellular basis of regeneration and tissue repair** September 17-21, 2016  
Paestum (Salerno), Italy

**Ninth Q-Bio summer school** – Experimental Synthetic Biology track July 12-28, 2015  
San Diego, California

**The Mobile Genome: Genetic and Physiological Impacts of Transposable Elements**  
September 16-19, 2015 EMBL Heidelberg, Germany

**2nd International SystemsX.ch Conference on Systems Biology** October 20-23, 2014  
Lausanne, Switzerland

**Physics of Evolution, Regulation and Signaling** February 10-12, 2014  
LMU Munich, Germany

**Quantitative Laws of Genome Evolution** June 27 - July 5, 2013  
Lake Como School of Advanced Studies, Como, Italy

**Modern Computational Science** August 16-28, 2009  
Carl Von Ossietzky University, Oldenburg, Germany

## Publications

**Regeneration in distantly related species: common strategies and pathways**  
*npj Systems Biology and Applications* 2017

**Speed of evolution in large asexual populations with diminishing returns**  
*J.Theor. Biol.* 2015 Jan 21;365:23-31

## Personal skills

Mother tongue **Italian**

Other language(s) **English** B1- Independent User

Computer skills and competences  
Programming languages: Python, R, Mathematica, C++ and bases of php.  
Operating systems: Linux and Windows.