

# Giacomo Bastianelli



Citizenship : Italian  
Date of birth : 08 December 1980

## Contact Information

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## Education

09/2006 to 12/2009	<b>PhD in Structural Bioinformatics</b> Institut Pasteur, Paris Graduated <i>summa cum laude</i>
2000 to 2005	<b>Master in Pharmaceutical Biotechnology</b> School of Biotechnology, University of Bologna, Bologna Graduated <i>summa cum laude</i>

## Work Experience

<b>Kurma Life Science Partners, Paris (<a href="http://www.kurmabiofund.com">www.kurmabiofund.com</a>)</b> <b>Analyst</b> <ul style="list-style-type: none"><li>✓ Analyze companies and projects for investment</li><li>✓ Focus on seed and early stage life science companies</li></ul>	<b>Full time</b> <b>10/2009 to Present</b>
<b>Institut Pasteur, Paris</b> <b>Research Fellow</b> <ul style="list-style-type: none"><li>✓ Developed new bioinformatics tools for protein docking and scoring</li><li>✓ Computational design of protein-based inhibitors of malaria</li><li>✓ Protein engineering and design</li></ul>	<b>Full time</b> <b>09/2006 to 12/2009</b>
<b>Cosmo Bioscience, San Diego</b> <b>Research Fellow</b> <ul style="list-style-type: none"><li>✓ Identification of TNF-<math>\alpha</math> mimicking molecules by protein libraries and ribosome display as selection system</li><li>✓ Protein engineering of TNF- <math>\alpha</math> and peptide immunization</li></ul>	<b>Full time</b> <b>03/2004 to 03/2006</b>
<b>Nascent SIM, Milan</b> <b>Financial Advisor</b> <ul style="list-style-type: none"><li>✓ Professional certificate (CONSOB examination) of financial advisor</li><li>✓ Portfolio investment counseling for privates</li></ul>	<b>Part time</b> <b>02/2002 to 04-2003</b>

## Languages

<b>Italian</b> (native)	<b>English</b> (fluent)	<b>French</b> (fluent)
<b>Spanish</b> (fluent)	<b>Dutch</b> (basic)	<b>Portuguese</b> (intermediate)

## Computer

I have several years of computer experience. Excellent programming skills combined with a vast knowledge of computer software.

<b>Operating Systems</b>	Windows, Linux, Unix, MasOSX
<b>Applications</b>	Office, Adobe Photoshop and Illustrator, Dreamweaver, Macromedia Suite
<b>Programming</b>	Python, Java, PHP, SQL, Javascript, Html, Flash, C

Training	
<b>Courses</b>	<p><b>Graduate School of Business</b>, Stanford – 06/2009 to 07/2009 <i>Summer Institute for Entrepreneurship</i></p> <p><b>EIMID</b>, Siena – 31/03/2009 to 03/04/2009 <i>Science Communication</i></p> <p><b>European Venture Capital Association</b>, Budapest – 21/10/2008 to 24/10/2008 <i>Foundation Course for Investment Professional</i></p> <p><b>School for Biotech Management</b>, Siena <i>Generation of the Innovation</i> – 04/04/2008 to 07/04/2008 <i>Securing the Competitive Advantage</i> – 12/07/2007 to 15/07/2007</p> <p><b>UCLA</b>, Online <i>Introduction to Venture Capital</i></p> <p><b>Institut Pasteur</b>, Paris – 01/2007 to 05/2007 <i>Bioinformatics</i></p> <p><b>UCSD</b>, San Diego – 2004 to 2005 <i>Immune Regulation, Starting and Financing Technology Companies, Product Management, Branding and Positioning, Science Writing</i></p>
<b>Internships</b>	<p><b>UCSD</b>, Center for NMR Spectroscopy, San Diego, US <i>Research Assistant</i> – 07/2002 to 08/2002</p> <p><b>UCSD</b>, La Jolla Cancer Center, San Diego, US <i>Research Assistant</i> – 07/2003 to 08/2003</p>
<b>Abroad Studies</b>	<p><b>University of Barcelona</b>, Barcelona, Spain <i>Erasmus Programme</i> – 02/2003 to 07/2003</p> <p><b>UCSD</b>, San Diego, US <i>Overseas Studies</i> – 03/2004 to 07/2005</p>

Honors and Awards	
<b>Pasteur-Weizmann</b>	Young Researcher Scholarship – 09/2009 to 12/2009
<b>Marie Curie Fellowship</b>	Ph.D sponsored by EIMID network ( <a href="http://www.eimid.org">www.eimid.org</a> ) – 09/2006 to 09/2009
<b>BioVision.Nxt Fellow</b>	BioVision.Nxt is the starting point of a unique network of Tomorrow's Bioleaders. – 2007 to 2008
<b>Erasmus Program</b>	European Union Scholarship – 02/2003 to 07/2003
<b>Abroad Project</b>	University of Bologna – 03/2004 to 07/2005 Awarded with 3000€ fellowship to develop the research thesis in San Diego
<b>Abroad Project</b>	Cosmo Pharmaceuticals (COPN, SWX) – 03/2004 to 07/2005 Awarded with 36000€ fellowship to develop the research thesis at Cosmo Bioscience

Personal Profile	
<b>Communication skills</b>	I am very comfortable speaking in public. I have given numerous presentations about scientific results and taken courses in active communication and NLP.
<b>Character Traits</b>	Highly motivated, down-to-earth, sociable. I am focused, goal oriented and used to teamwork. Creativity is part of my daily lifestyle and I apply it in problem solving together with logical analysis skills.
<b>Hobbies and Interests</b>	I have played music and different instruments since I was 7 years old. I worked as a part-time DJ and musical performer. Sports are my passion, in particular skiing and surfing. I love to travel and get in touch with different cultures and ways of thinking.

## Selected Publications

Giacomo Bastianelli, Anthony Bouillon, Christophe Nguyen, Phineus Markwick, Dung Le-Nguyen, Jean-Christophe Barale, Michael Nilges. **Computational design of protein-based inhibitors of Plasmodium vivax subtilisin-like 1.** *In preparation*

Giacomo Bastianelli, Anthony Bouillon, Christophe Nguyen, Dung Le-Nguyen, Jean-Christophe Barale, Michael Nilges. **Computational reverse-engineering of a spider venom derived peptide inhibiting Plasmodium falciparum growth.** *In preparation*

Giacomo Bastianelli, Michael Nilges. **Correlation of free-energy calculations and experimental data using molecular dynamics and implicit solvent models.** submitted to *Journal of Computational Chemistry*

Giacomo Bastianelli, Phineus Markwick, Michael Nilges. **High accuracy protein-protein docking by restrained molecular dynamics.** submitted to *Proteins: Structure, Function and Bioinformatics*

K. Anton Feenstra, Giacomo Bastianelli and Jaap Heringa. **Predicting Protein Interactions from Functional Specificity.** *From Computational Biophysics to System Biology, NIC Series, Vol. 40* 2008.

Giacomo Bastianelli. **The Future of Predictive Biology.** *BIO-IT World, January 2007*

Giacomo Bastianelli. **Bioinformatics: a Brief History.** *European Biopharmaceutical Reviews, January 2007*