

CURRICULUM VITAE
Flavia Bazzoni

<u>NOME</u>	<u>TITOLO ACCADEMICO</u>
Flavia Bazzoni	Professore Associato di Patologia Generale (MED/04)

<u>LUOGO di NASCITA</u>	<u>NATIONALITA'</u>	<u>DATA di NASCITA</u>
Verona, Italia	Italiana	19-03-1961

EDUCAZIONE

<i>Instituzione</i>	<i>Titolo</i>	<i>Anno</i>
Università di Padova	Laurea in Scienze Biologiche	1987
Scuola Superiore di Oncologia e Scienze Biomediche di Genova	Perfezionamento in "Trasfezione genica in cellule eucariotiche"	1989
Università di Verona	Dottore di ricerca in Biologia e Patologia Cellulare e Molecolare	1993

ATTIVITÀ PROFESSIONALE E DI RICERCA
Trainings

<i>Luogo</i>	<i>Tipo</i>	<i>Supervisor</i>	<i>Anno</i>
Istituto di Patologia Generale Univ.Verona	Allieva interna	F. Rossi	1984-87
Istituto di Patologia Generale Univ.Verona	Borsa di studio del Consorzio per lo Sviluppo Studi Universitari	F. Rossi	1987-88
Department of Medicine University College, Londra	Visiting scientist	A. Segal	1988
Istituto di Patologia Generale Univ.Verona	Dottoranda di Ricerca	MA. Cassatella	1988-1992
Theodor Kocher Insitute University of Bern	Visiting scientist	M. Baggiolini	1990
Howard Huges Medical Institute Southwestern Medical Center, Dallas, TX Laboratorio del Professor Bruce Beutler (premio Nobel per la Medicina 2011)	post-doctoral fellow research associate	B.Beutler	1991-1994 1994-1995
Istituto di Patologia Generale Univ.Verona	ricercatore		1994-2004
Dipartimento di Patologia e Diagnostica Univ.Verona	professore associato		2005-oggi

ATTIVITA' DIDATTICA

<i>Struttura</i>	<i>Corso</i>	<i>Anno</i>
Facoltà di Medicina Univ. Verona	Metodiche di Biologia Molecolare	1988-1989
USL Mestre	Fluorescenza e fluorimetria	1989
UT Southwestern Medical School Dallas, Texas	Attività di tutor per studenti di College	1991-1999
Facoltà di Medicina Univ. Verona	Patologia Generale Lezioni su infiammazione cronica	1995-2008
Scuola Superiore di Immunologia R. Ceppellini	Cytokines in Immunity TNF ligand:receptor families	1997
Facoltà di Medicina Univ. Verona Laurea in Tecnico Audioprotesista	Patologia Generale	1998-2003
Facoltà di Medicina Univ. Verona Scuola Specializzazione Biologia Clinica	Ingegneria Genetica	1998-2000
Facoltà di Medicina Univ. Verona Laurea in Tecnico di Laboratorio Biomedico (Rovereto)	Patologia Generale	1999-2013
Facoltà di Medicina Univ. Verona Laurea Tecniche di Radiologia per Immagini (Ala)	Patologia Generale	2003-2012
Facoltà di Sc. Motorie Univ. Verona	Immunologia applicata allo Sport	2004-2007
Facoltà di Sc. Motorie Univ. Verona	Patologia Generale	2008-2010
Facoltà di Medicina Univ. Verona Laurea in Fisioterapia	Patologia Generale	2011-2018
Facoltà di Medicina Univ. Verona Laurea in Tecnico di Laboratorio Biomedico	Patogenesi dei tumori Patologia Generale	2013-2018 2017-2018
Facoltà di Medicina Univ. Verona Laurea in Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolare	Patologia Generale	2013-2018
Scuola di Dottorato in Scienze Biomediche Traslazionali Univ. Verona		1999-2015
Dottorato Infiammazione, Immunità e Cancro Univ. Verona		2013-2018

LINEE DI RICERCA

- A) Caratterizzazione e studio dei meccanismi di attivazione della NADPH ossidasi dei granulociti neutrofili umani.
- B) Modulazione di alcune funzioni dei macrofagi e neutrofili umani da parte di IFN γ e LPS
- C) Produzione di citochine e chemochine da parte dei granulociti neutrofili umani
- D) Controllo trascrizionale e post-trascrizionale della biosintesi del TNF α .
- E) Analisi dei meccanismi di attivazione dei recettori del TNF α .
- F) Meccanismi di inibizione dei processi infiammatori: IL-10
- G) Meccanismi epigenetici che regolano l'espressione di citochine
- G) Non-coding RNA nella risposta infiammatoria

INDICATORI BIBLIOMETRICI

Autrice di 55 pubblicazioni su riviste internazionali con IF (JCR 2014).

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H index : 30

Sum of times cited 4297

SCOPUS (02/05/2018)

H index : 29

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ELENCO DELLE PUBBLICAZIONI

1. Giordano G, Febbraro A, Tomaselli E, Sarnicola ML, Parcesepe P, Parente D, Forte N, Fabozzi A, Remo A, Bonetti A, Manfrin E, Ghasemi S, Ceccarelli M, Cerulo L, Bazzoni F, Pancione M.
Cancer-related CD15/FUT4 overexpression decreases benefit to agents targeting EGFR or VEGF acting as a novel RAF-MEK-ERK kinase downstream regulator in metastatic colorectal cancer.
J Exp Clin Cancer Res. 2015 Oct 1;34(1):108. doi: 10.1186/s13046-015-0225-7 (IF 4.429).
2. Monica Castellucci, Marzia Rossato, Federica Calzetti, Nicola Tamassia, Stefano Zeminian, Marco A. Cassatella, and Flavia Bazzoni.
IL-10 disrupts the Brd4-docking sites to inhibit LPS-induced CXCL8 and TNF- α .

expression in monocytes: implication for COPD.

Journal of Allergy and Clinical Immunology, 2015 Jun 1. pii: S0091-6749(15)00585-0.
doi: 10.1016/j.jaci.2015.04.023 (IF:11.248)

3. Maili Zimmermann, Francisco Bianchetto Aguilera, Monica Castellucci, Marzia Rossato, Sara Costa, Claudio Lunardi, Renato Ostuni, Giampiero Girolomoni, Gioacchino Natoli, **Flavia Bazzoni**, Nicola Tamassia, & Marco A. Cassatella
Chromatin remodelling and autocrine TNF α are required for optimal interleukin-6 expression in activated human neutrophils.
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4. Tamassia N, Cassatella MA, **Bazzoni F**. Fast and accurate quantitative analysis of cytokine gene expression in human neutrophils. *Methods in Molecular Biology* 2014, "Neutrophils Methods And Protocols", 1124:451-487.
5. Sarath Kiran Channavajjhala, Marzia Rossato, Francesca Morandini, Annalisa Castagna, Francesca Pizzolo, **Flavia Bazzoni** and Oliviero Olivieri. Optimizing the purification and analysis of miRNAs from urinary exosomes. *Clinical Chemistry and Laboratory Medicine*, 2014; 52:345-54.
6. Graziella Curtale, Massimiliano Mirolo , Tiziana Renzi, Marzia Rossato, **Flavia Bazzoni**, Massimo Locati. Negative regulation of Toll-Like Receptor 4 signalling by the IL-10-dependent microRNA-146b. *Proceeding of the National Academy of Science U.S.A.*, 2013, 110:11499-504.
7. Nicola Tamassia, Maili Zimmermann, Monica Castellucci, Renato Ostuni, Kirsten Bruderek, Bastian Schilling, Sven Brandau, **Flavia Bazzoni**, Gioacchino Natoli, and Marco A. Cassatella. Cutting edge: An Inactive Chromatin Configuration at the IL-10 Locus in Human Neutrophils. *The Journal of Immunology*, 2013, 190:1921-5.
8. Marzia Rossato, Graziella Curtale, Nicola Tamassia, Monica Castellucci, Laura Mori, Sara Gasperini, Barbara Mariotti, Mariacristina De Luca, Massimiliano Mirolo, Marco A. Cassatella, Massimo Locati and **Flavia Bazzoni**. IL-10-induced microRNA-187 negatively regulates TNF- α , IL-6, and IL-12p40 production in TLR4-stimulated monocytes. *Proceeding of the National Academy of Science U.S.A.*, 2012, 109:18257-18258, E3101-3110.
9. Tamassia N, **Bazzoni F**, Le Moigne V, Calzetti F, Masala C, Grisendi G, Bussmeyer U, Scutera S, De Gironcoli M, Costantini C, Musso T, Cassatella MA. IFN- β expression is directly activated in human neutrophils transfected with plasmid DNA and is further increased via TLR-4-mediated signaling. *The Journal of Immunology*, 2012, 189:1500-15009.
10. Martin S. Davey, Nicola Tamassia, **Flavia Bazzoni**, Federica Calzetti, Kirsten Bruderek, Marina Sironi, Lisa Zimmer, Barbara Bottazzi, Alberto Mantovani, Sven Brandau, Bernhard Moser, Matthias Eberl, and Marco A. Cassatella. Failure to detect production of IL-10 by human neutrophils. *Nature Immunology*, 2011, 12:1017-1018
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impairment of IL-10 function in hyper-IgE syndrome patients. *European Journal of Immunology* 2011, 41:3075-3084

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13. Francesca Morandini, Linda Avesani, Luisa Bortesi, Bart Van Droogenbroeck, Elsa Arcalis, **Flavia Bazzoni**, Luca Santi, Annalisa Brozzetti, Alberto Falorni, Eva Stoger, Ann Depicker, Mario Pezzotti. Non-food/feed seeds as biofactories for the high yield production of recombinant pharmaceuticals. *Plant Biotechnology Journal* 2011, 9:911-921.
14. **Flavia Bazzoni**, Nicola Tamassia, Marzia Rossato and Marco A. Cassatella. Understanding the molecular mechanisms of the multifaceted IL-10-mediated anti-inflammatory response: lessons from neutrophils. *European Journal of Immunology* 2010, 40:2360-2368.
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17. **Flavia Bazzoni**, Marzia Rossato, Marco Fabbri, Daniele Gaudiosi, Massimiliano Mirolo, Laura Mori, Nicola Tamassia, Alberto Mantovani, Marco A. Cassatella, and Massimo Locati. Induction and regulatory function of miR-9 in human monocytes and neutrophils exposed to proinflammatory signals. *Proceeding of the National Academy of Science U.S.A.*, 2009, 106 (13):5282-5287.
18. Nicola Tamassia, Vincent Le Moigne, Marzia Rossato, Marta Donini, Stephen McCartney, Federica Calzetti, Marco Colonna, **Flavia Bazzoni** and Marco Cassatella. Activation of an immunoregulatory and antiviral gene expression program in poly(I:C)-transfected human neutrophils. *The Journal of Immunology* 2008, 181:6563-6573.
19. N. Tamassia, M. A. Cassatella, and **F. Bazzoni**. Fast and accurate quantitative analysis of cytokine gene expression in human neutrophils by reverse transcription real-time PCR. *Methods in Molecular Biology* 2007, "Neutrophils Methods And Protocols", 138:455-471.
20. N. Tamassia, F. Calzetti, N. Menestrina, M. Rossato, **F. Bazzoni**, L. Gottin, and M.A. Cassatella. Circulating neutrophils of septic patients constitutively express interleukin-10R1 (IL-10R1) and are promptly responsive to IL-10. *International Immunology* 2008, 20:535-541.
21. P. Scapini, **F. Bazzoni**, M.A. Cassatella. Regulation of B-cell-activating factor (BAFF)/B

lymphocyte stimulator (BLyS) expression in human neutrophils. *Immunology Letters* 2008, 116:1-6.

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Fc receptor and the 47-kDa cytosolic component of NADPH oxidase in human polymorphonuclear leukocytes. *The Journal of Biological Chemistry* 1991, 266: 22079-22082.

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