

# Curriculum vitae et studiorum

## Flavia Bazzoni, PhD



- Luogo di nascita: Verona, Italia
- Data di nascita: 19/03/1961
- Cittadinanza: Italiana
- Residente in via G. Puccini 3, 37137 Verona
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### EDUCAZIONE

- **1980:** Diploma di Maturità Classica, Liceo Ginnasio di Stato Scipione Maffei.
- **1987:** Laurea in Scienze Biologiche, Facoltà di Scienze Matematiche, Fisiche e Naturali, Università di Padova.
- **1993:** Dottore di Ricerca in Biologia e Patologia Cellulare e Molecolare, Università di Verona.
- **1989:** Corso di specializzazione post-laurea in “Trasfezione genica in cellule eucariotiche” Scuola Superiore di Oncologia e Scienze Biomediche di Genova.

### ESPERIENZA PROFESSIONALE

- **1984-87:** Allieva interna, Istituto di Patologia Generale, Università di Verona.
- **1987-88:** Borsa di studio Istituto del Consorzio per lo Sviluppo degli Studi Universitari, Istituto di Patologia Generale, Università di Verona
- **1988 (Sett-Dic):** Visiting scientist nel laboratorio del Prof. Antony Segal, Department of Medicine, University College, Londra, U.K.
- **1990 (Gen-Feb):** Visiting scientist nel laboratorio del Prof. Marco Baggiolini, Theodor Kocher Institute, University of Bern, Svizzera
- **1991-1995:** post-doctoral fellow (1991-1993) e successivamente research associate (1993-1995) nel laboratorio del Prof. Bruce Beutler (premio Nobel per la Medicina 2011), Howard Hughes Medical Institute, U.t. Southwestern Medical Center, Dallas, TX, U.S.
- **1994-2004:** ricercatore di Patologia Generale (MED/04), Istituto di Patologia Generale, Facoltà di Medicina e Chirurgia, Università di Verona
- **2005 ad oggi:** Professore Associato di Patologia Generale (MED/04), Dipartimento di Medicina, Università di Verona

In possesso di Abilitazione Scientifica Nazionale a Professore di I Fascia per il Settore Concorsuale 06/A2 - PATOLOGIA GENERALE E PATOLOGIA CLINICA (abilitazione conseguita sia nel 2012 che nel 2016)

#### ATTIVITÀ ACCADEMICA ISTITUZIONALE

- **2006-2008:** Componente della Commissione di valutazione per la distribuzione dei fondi ex 60% della Facoltà di Medicina e Chirurgia, Università di Verona
- **2008-2010:** Componente della commissione Ricerca e Sviluppo della Facoltà di Medicina e Chirurgia, Università di Verona
- **2011-2014:** Componente del Senato Accademico (rappresentante Professori Associati) Università di Verona
- **2011-2014:** Membro della Commissione di Ateneo per la distribuzione del FUR

#### ATTIVITÀ EDITORIALE

Dal **2013** Membro dell'Editorial Board di *Genes & Immunity*

Dal **2015** Associate Editor per *Frontiers in Immunology*, section *Cytokines and Soluble Mediators in Immunity*.

**2019:** Editor del Research Topic per *Frontiers in Immunology*, section *Cytokines and Soluble Mediators in Immunity*.

Attività di Reviewer per le seguenti riviste internazionali:

Blood, Journal of Clinical Investigation, Journal of Immunology, PlosGenetics, European Journal of Immunology, Journal of Leukocyte Biology, Molecular and Cellular Biology, Frontiers in Immunology, Molecular Immunology, European Cytokine Network, Immunology, Immunology Letters, Cancer Research, Journal of International Cancer.

Attività di Reviewer per le seguenti agenzie di finanziamento della ricerca: Agence National de la Recher ("Blanc" Program 2012), Projet d'Action de Recherche Concertee, Université Libre de Bruxelles (ULB, 2006-2011); Fondazione per la Ricerca sulla Fibrosi Cistica; Fondazione per la Ricerca sulla Sclerosi Multipla; Progetti di Ateneo dell'Università degli Studi di Padova; Università degli Studi di Verona (fondi ex 60%).

#### SOCIETÀ SCIENTIFICHE

- Membro della Società Italiana di Immunologia, Immunologia Clinica e Allergologia (SIICA).
- Membro della Society for Leukocyte Biology
- Dal 2014 membro del Direttivo della Società Italiana di Immunologia, Immunologia Clinica e Allergologia (SIICA).

## BREVETTI

Flavia Bazzoni, Bruce Beutler - Modified Receptors that continuously signal. US Patent number 5,925,548. Date of patent: July 20, 1999.

## ATTIVITÀ DIDATTICA

- **1998-2000**: docente del corso “Ingegneria Genetica”, Scuola di Specializzazione in Biologia Clinica, Facoltà di Medicina e Chirurgia, Università degli Studi di Verona.
- **1998 ad oggi**: docente dell’insegnamento di Patologia Generale per i seguenti Corsi di Laurea triennale con sede a Verona, Rovereto (TN) e Ala (TN): Fisioterapia, Tecnico di laboratorio biomedico, Tecniche di radiologia medica per immagini e radioterapia, Tecniche di fisiopatologia cardiocircolatoria e perfusione cardiovascolare, Scienze motorie.
- **1999-2012**: membro del Collegio Docenti della Scuola di Dottorato in Scienze Biomediche Traslazionali, corso di Dottorato in Biologia e Patologia Cellulare e Molecolare.
- **2013 ad oggi**: membro del Collegio Docenti della Scuola di Dottorato in Scienze della Vita e della Salute, Corso di Dottorato in Infiammazione, Immunità e Cancro.
- **2017 ad oggi**: coordinatore del corso di Patologia generale e immunologia, corso di Laurea Magistrale a ciclo unico in Odontoiatria e protesi dentaria.
- **1996 ad oggi**: supervisore di studenti in tesi per Corsi di Laurea Magistrale e Dottorato.

## Formale attribuzione di incarichi di insegnamento presso qualificati atenei e istituti di ricerca esteri o sovranazionali

- **1991-1995**: tutor per “Undergraduate Students” UT Southwestern Medical School at Dallas, TX, U.S.
- **1997**: docente del Corso Avanzato su "Cytokines in Immunity", organizzato dalla Scuola Superiore d'Immunologia Ruggero Ceppellini, diretta dal Prof. Abul K. Abbas, Harvard Medical School, Boston, MA, USA. Topic :“TNF Ligand:Receptor Families”.
- **2003**: docente all’EMBO Lecture Course on "New Development in Genomics for Biomedicine", Brdo Estate, Slovenia. Organizzatore Franc Gubensek. Topic: “A new strategy for safe and efficient use of TNF-a in cancer therapy”.
- Long
- **2016-2017**: Supervisore della studentessa Nila H. Servaas, Graduate School of Life Sciences (GSLs), UMC Utrecht & Utrecht University, Utrecht, NL

## FINANZIAMENTI E COLLABORAZIONI

Responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari:

### Progetti di Rilevante Interesse Nazionale (PRIN)

- PRIN 1999: “Meccanismi di sopravvivenza e accumulo linfocitario nella patogenesi dei disordini linfoproliferativi”. Responsabile Scientifico Unità (Protocollo 9906311412\_007, durata 24 mesi).
- PRIN 2001: “Basi molecolari del controllo della reazione infiammatoria: meccanismi responsabili degli effetti modulatori dell’IL-10 sulle funzioni dei neutrofili e patogenesi del danno neuronale da proteine amiloidogeniche”. Responsabile Scientifico Unità (Protocollo 2001067517\_001, durata 24 mesi).
- PRIN 2003: “Modulazione del segnale citochinico da parte di fattori trascrizionali STAT e di inibitori citochino-indotti”. Responsabile Scientifico Unità (Protocollo 2003069732\_003, durata 24 mesi).
- PRIN 2006: “Caratterizzazione delle vie di trasduzione del segnale responsabili delle risposte pro- e anti-infiammatorie dei granulociti polimorfonucleati”. Coordinatore Scientifico Progetto (Protocollo 2006064751, 24 mesi).
- PRIN 2009: “Profili e funzioni di microRNA (miRNA) in processi infiammatori: applicazione al modello dell’artrite reumatoide”. Responsabile Scientifico Unità (Protocollo 200999KRFW\_004, 24 mesi).
- PRIN 2017: “Cell plasticity of tumor-associated immune infiltrate: molecular mechanisms and therapeutic options”. Responsabile Scientifico Unità (Protocollo 20174T7NXL\_005, durata 24 mesi).

#### **Associazione Italiana per la Ricerca sul Cancro (AIRC)**

- AIRC 1995: “Chimeric TNF receptors with constitutive signaling activity”. Coordinatore Progetto (durata 36 mesi).
- AIRC 1998: “Mutational analysis of the human TNFR1 AND TNFR2 genes”. Coordinatore Progetto (durata 36 mesi)

#### **Fondazione per la Ricerca sulla Fibrosi Cistica**

- 2004: “Ruolo di SOCS3 nella regolazione della risposta delle cellule infiammatorie a stimoli di origine batterica”. Coordinatore progetto (24 mesi)

#### **Fondazione CARIVERONA**

- 2008: “Caratterizzazione delle vie di trasduzione responsabili della produzione di IL-10 e della sua azione antinfiammatoria in granulociti polimorfonucleati e monociti umani”. Coordinatore Progetto (24 mesi)
- 2001: La risposta infiammatoria: una "spada a doppio taglio" implicata nelle difese dell'ospite e nell'induzione di danno tessutale in risposta a patogeni ambientali. Responsabile Unità (24 mesi + rinnovo 24 mesi).
- 2003: “Basi molecolari della regolazione della crescita neoplastica da parte di cellule delle difese innate e caratterizzazione dei meccanismi di trasduzione del segnale implicati nella

regolazione dell'adesività, movimento e trascrizione genica in cellule delle difese innate e neoplastiche". Responsabile Unità (24 mesi)

- 2007: "L'infiammazione cronica: meccanismi di base e correlati clinici". Responsabile Unità (24 mesi)

### **Università degli Studi di Verona - JOINT PROJECT**

- 2009: "Ruolo dei microRNA nella modulazione delle risposte di monociti e granulociti neutrofili a stimoli pro e anti-infiammatori". Coordinatore Progetto (24 mesi)
- 2010: "Profili e funzioni dei microRNA in granulociti e monociti umani: applicazione al modello dell'artrite reumatoide". Coordinatore Progetto (24 mesi).

### **COLLABORAZIONI INTERNAZIONALI**

- 2001: YOSHIMURA Akihiko e KINJYO Ichiko , Molecular and Cellular Immunology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Japan.  
Pubblicazioni in collaborazione:  
(1) The Journal of Immunology 2002, 168:6404-6411  
(2) European Cytokine Network 2002, 13, 47-53  
(3) The Journal of Biological Chemistry 2004, 279:13746-13754
- 2004: McDONALD Patrick e EAR Tornin, Pulmonary Division, University of Sherbrooke, Sherbrooke, Canada.  
Pubblicazioni in collaborazione:  
(1) European Journal of Immunology 2005, 35: 1877-1885  
(2) European Journal of Immunology 2007, 37:2627-2634
- 2009: Martin S Davey, Bernhard Moser, Matthias Eberl (Department of Infection, Immunity and Biochemistry, School of Medicine, Cardiff University, Cardiff, UK), Kirsten Bruderek, Sven Brandau, Lisa Zimmer (Department of Otorhinolaryngology, University Hospital Essen, Essen, Germany), Bastian Schilling (Department of Dermatology, University Hospital Essen, 45147 Essen, Germany).  
Pubblicazioni in collaborazione:  
(1) Nature Immunology, 2011, 12:1017-1018.  
(2) The Journal of Immunology 2013, 190:1921-1925.  
(3) Sci Rep. 2019 Jul 12;9(1):10136
- 2016: Timoty R.D.J. Radstake , Department of Rheumatology and Clinical Immunology, University Medical Center Utrecht, and Laboratory of Translational Immunology, University Medical Center Utrecht, Utrecht, Netherlands.  
Pubblicazioni in collaborazione:  
(1) Frontiers in Immunology 2019; January 2019, Volume 10, Article 100  
(2) Annals of the Rheumatic Diseases, 2019 Apr;78(4):529-538

## ORGANIZZAZIONE O PARTECIPAZIONE SU INVITO A CONVEGNI DI CARATTERE SCIENTIFICO

**1197. F. Bazzoni.** TNF Ligand:Receptor Families. Scuola Superiore d'Immunologia Ruggero Ceppellini, "Cytokines in Immunity", 3-7 Novembre 1997, Napoli.

**2002. F. Bazzoni.** Suppressor of cytokine signaling (SOCS) 3: role in suppression of macrophage activation by LPS. Joint meeting "Cytokines and Interferons 2002", International Society for Interferon and Cytokine Research (ISICR), the International Cytokine Society (ICS), the Society for Leukocyte Biology (SLB) and the European Cytokine Society (ECS), 6-10 ottobre 2002, Centro Congressi Lingotto, Torino.

**2003. F. Bazzoni.** A new strategy for safe and efficient use of TNF- $\alpha$  in cancer therapy. EMBO Lecture Course on "New Development in Genomics for Biomedicine", 8-13 Aprile 2003, Brdo Estate, Slovenia.

**2003. F. Bazzoni.** Inhibitory effects of interleukin 10 on macrophage activation triggered by Toll receptor agonists: role of suppressor of cytokine signaling (SOCS)-3. 2nd National Conference SIICA, SIICA-SIE Joint Symposium. Workshop: Cytokines. 28-31 Maggio 2003, Verona.

**2005. F. Bazzoni.** Meccanismi molecolari che regolano l'azione reciproca di Interleuchina 10 e LPS nei granulociti neutrofili umani SIICA Workshop "La specificità del segnale nelle funzioni delle cellule del sistema immunitario". 27-29 Settembre 2005, Certosa di Pontignano (SI).

**2006. F. Bazzoni.** Chair of the Workshop: Macrophages, neutrophils and other myeloid cells. 16th European Congress of Immunology. 6-9 Settembre 2006, Palais des Cogres, Paris, France.

**2007. F. Bazzoni.** Regulation of IL-10 signaling and function by TLR ligands. 5th National Conference SIICA, Workshop: Signal transduction and gene expression. 6-9 Giugno 2007, Trieste.

**2008. F. Bazzoni.** A regulatory circuitry involving microRNA-9 and NF- $\kappa$ B controls neutrophils and monocytes activation in response to LPS. International Congress on Cytokines in Immune Regulation and Disease, Cytokines 2008, 4-6 Dicembre 2008. Firenze.

**2010. F. Bazzoni.** microRNA: novel players of native immune cell responses. 7th National Conference SIICA. 26-29 Maggio 2010, Villa Romanazzi Carducci, Bari.

**2011. F. Bazzoni.** Uncovering an IL-10-dependent NF- $\kappa$ B recruitment to the IL-1 $\alpha$  promoter that occurs in a STAT3-dependent manner. International Meeting on "Cytokines and Chemokines: post-transcriptional regulation". 22-24 Marzo 2011. Saint Sorlin d'Avres, France.

**2011. F. Bazzoni.** The microRNA repertoire of human monocytes and neutrophils: induction by pro and anti-inflammatory signals. 45th Annual Scientific Meeting of the European Society for Clinical Investigation, Workshop 1: Phagocyte signaling. 13-16 Aprile 2011. Crete, Greece.

**2011. F. Bazzoni.** Inflammosoma, microRNA e infiammazione. 2° Congresso Nazionale IFIACI (Federazione delle Società Italiane di Immunologia, Allergologia e Immunologia Clinica) 25-28 Maggio 2011, Ergife Palace Hotel, Roma.

**2011. F. Bazzoni.** Chair Joint Meeting of the German Society for Immunology (DGfI) and the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA). 28 Settembre-1 Ottobre 2011, Riccione, Italia.

**2012. F. Bazzoni.** Chair of the session "Receptors and Interactions", 46th Annual Scientific Meeting of the European Society for Clinical Investigation (ESCI), 21-24 Marzo 2012, Budapest, Hungary.

**2013. F. Bazzoni.** Chair of the Workshop "microRNAs in Immune Regulation". 15th International Congress of Immunology 22-27 Agosto 2013, Milan, Italy. Workshop.

**2013. F. Bazzoni.** IL-10-dependent miR-187 and miR-146b feedback modulate proinflammatory cytokine production by TLR4-stimulated monocytes. 8th International MicroRNAs Europe 2013 Symposium on MicroRNAs: Biology to Development and Disease. Peterhouse, University of Cambridge, Cambridge, UK.

**2014. F. Bazzoni.** Induction of lncRNA in human monocytes and neutrophils exposed to proinflammatory signals. European Workshop on microRNAs and Immune System. 8-10 Aprile 2014, Zurich (Switzerland).

**2014. F. Bazzoni.** Chair del Workshop "Epigenetic Regulation of the Immune Response. IX National Congress of the Italian Society of Immunology, Clinical Immunology and Allergology, 28-31 Maggio 2014, Florence.

**2016. F. Bazzoni.** IL-10 regulation of cytokine expression: focus on epigenetic mechanisms. X National Congress of the Italian Society of Immunology, Clinical Immunology and Allergology, Plenary Symposium on Cell Development and Regulation. 25-28 Maggio 2016, Pietro d'Abano Congress Center, Abano Terme (Padova).

**2016. F. Bazzoni.** Epigenetic control of TLR-induced inflammatory response. International Summer Course "Intrinsic and Innate Immunity to Pathogens". 23-25 Giugno 2016. Novarello Congress Center, Granozzo con Monticello, Novara (Italy).

**2016. F. Bazzoni.** Regulation of Phagocyte Responses by Non-coding RNAs. 49th Annual Meeting of the Society for Leukocyte Biology's and "Neutrophil 2016". 15-17 Settembre 2016, Verona.

**2017. F. Bazzoni.** Chair del Workshop “Innate immunity and Inflammation”, XI Congresso Nazionale della SIICA, 28-31 Maggio 2017, Bari.

**2019. F. Bazzoni.** Regulation of soluble immune mediators by non-coding RNAs. II Joint Meeting of the German Society for Immunology (DGfI) and the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA), 10-13 Settembre 2019, Munich (Germany).

**Membro di Organizing Committee di Convegni Scientifici Internazionali:**

**2012.** 1<sup>st</sup> European Workshop on “microRNAs and Immune System”. 9-10 Giugno 2012, Villa Maria, Desenzano del Garda, Brescia.

**2014.** 2<sup>nd</sup> European Workshop on “microRNAs and Immune System”. 8-10 Aprile 2014, Hotel Hilton, Zurich (Switzerland).

**2015:** INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 19-20 Giugno 2015, Magna Graecia University of Catanzaro, Italy.

**2016.** INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 29 Settembre-1 Ottobre 2016, Second University of Naples – Italy.

**2016.** 3<sup>rd</sup> European Workshop on “microRNAs and Immune System”. 19-20 Giugno 2016 Istituto Nazionale di Genetica Molecolare (INGM), Milano.

**2017.** INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 6-7 Ottobre 2017, Polo Zanotto, Verona.

**2018.** 1st EFIS annual meeting of EFIS-IL study group on “Non-coding RNA & Epigenetic Regulation in Immune Cells”, 12-13 Aprile 2018, Berlin (Germany).

**LINEE DI RICERCA**

- Caratterizzazione e studio dei meccanismi di attivazione dei granulociti neutrofili e dei monociti umani.
- Caratterizzazione di citochine e chemochine prodotte da granulociti neutrofili umani
- Controllo trascrizionale e post-trascrizionale della biosintesi del TNF $\alpha$ .
- Analisi dei meccanismi di attivazione dei recettori del TNF $\alpha$ .
- Meccanismi di inibizione dei processi infiammatori: funzioni biologiche e meccanismi d'azione dell'Interleuchina-10 (IL-10).



- Meccanismi epigenetici che regolano l'espressione di citochine.
- Non-coding RNA nella risposta infiammatoria.

## INDICATORI BIBLIOMETRICI

Web of Science ResearcherID AAB-7674-2019

ORCID Number <http://orcid.org/0000-0001-6768-8012>

Autrice di 63 pubblicazioni su riviste internazionali con IF (JCR 2019).

IF totale 435,6

IF medio 7,51

### **web of science**

H index : 34

Sum of times cited 4887, without self citations 4792

### **SCOPUS** (16/09/2020)

H index : 33

Sum of times cited 4923

## ELENCO DELLE PUBBLICAZIONI

### PUBBLICAZIONI SU RIVISTE CONTENUTE NEI "CURRENT CONTENTS"

1. Daniela Bosisio and **Flavia Bazzoni**.  
Regulation of Soluble Immune Mediators by Non-Coding RNAs.  
*Frontiers in Immunology*, 2020, in press.
2. Tamassia N, Cassatella MA, **Bazzoni F**.  
Fast and Accurate Quantitative Analysis of Cytokine Gene Expression in Human Neutrophils  
by Reverse Transcription Real-Time PCR.  
*Methods Mol Biol.* 2020; 2087:243-260.
3. Mariotti B, Calabretto G, Rossato M, Teramo A, Castellucci M, Barilà G, Leoncin M,  
Vicenzetto C, Facco M, Semenzato G, **Bazzoni F**, Zambello R.  
Identification of a miR-146b-FasL axis in the development of neutropenia in T large  
granular lymphocyte leukemia.  
*Haematologica.* 2020 May;105(5):1351-1360.

4. Brook AC, Jenkins RH, Clayton A, Kift-Morgan A, Raby AC, Shephard AP, Mariotti B, Cuff SM, **Bazzoni F**, Bowen T, Fraser DJ, Eberl M.  
Neutrophil-derived miR-223 as local biomarker of bacterial peritonitis.  
*Sci Rep.* 2019 Jul 12;9(1):10136.
5. van der Kroef M, Castellucci M, Mokry M, Cossu M, Garonzi M, Bossini-Castillo L, Chouri E, Wichers C.G.K, Beretta L, Trombetta E, Silva-Cardoso S, Vazirpanah N, Carvalheiro T, Angiolilli C, Bekker C.P.J, Affandy A.J, Reedquist K.A, Bonte-Mineur F, Zirkzee EJM, **Bazzoni F**, Radstake TRDJ and Rossato M. (2019).  
Histone modifications underlie monocyte dysregulation in Systemic Sclerosis patients, underlining the treatment potential of epigenetic targeting.  
*Annals of the Rheumatic Diseases*, 2019 Apr;78(4):529-538.
6. Mariotti B, Servaas NH, Rossato M, Tamassia N, Cassatella MA, Cossu M, Beretta L, van der Kroef M, Radstake TRDJ and **Bazzoni F** (2019)  
The Long-Non-coding RNA NRIR Drives IFN-Response in Monocytes: Implication for Systemic Sclerosis.  
*Frontiers in Immunology* 2019; January 2019, Volume 10, Article 100.
7. Graziella Curtale, Tiziana A. Renzi, Massimiliano Mirolò, Lorenzo Drufuca, Manuel Albanese, Mariacristina De Luca, Marzia Rossato, **Flavia Bazzoni** and Massimo Locati  
Multi-Step Regulation of the TLR4 Pathway by the miR-125a-99b-let-7e Cluster.  
*Front. Immunol.* 2018 Sept;
8. SIICA Board, Annunziato F, **Bazzoni F**, Carbone E, Cassatella MA, De Palma R, Di Rosa F, Gabrielli A, Granucci F, Locati M, Quinti I, Santoni A.  
UniVax Day 2018 - Outreach to high school students to improve vaccination rates.  
*European Journal of Immunology* 2018 Aug;48(8):1266-1268.
9. 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.  
*Journal of Experimental & Clinical Cancer Research* 2015, 34:108.
10. 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- $\alpha$  expression in monocytes: implication for COPD.  
*Journal of Allergy and Clinical Immunology*, 2015, 136:781-791
11. 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 $\alpha$  are required for optimal interleukin-6 expression in activated human neutrophils.

*Nature Communications*, 2015; 6:6061

12. Tamassia N, Cassatella MA, **Bazzoni F**.  
Fast and accurate quantitative analysis of cytokine gene expression in human neutrophils.  
*Methods in Molecular Biology* 2014; 1124:451-67.
13. 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
14. 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.
15. Nicola Tamassia, Maili Zimmermann, Monica Castellucci, Renato Ostuni, Kirsten Bruderek, Bastian Schilling, Sven Brandau, **Flavia Bazzoni**, Gioacchino Natoli, and Marco A. Cassatella. An Inactive Chromatin Configuration at the IL-10 Locus in Human Neutrophils.  
*The Journal of Immunology* 2013, 190:1921-1925.
16. 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- $\alpha$ , 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.
17. 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- $\beta$  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, 189:1500-1509.
18. 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
19. Giacomelli BM, Tamassia N, Moratto D, Bertolini P, Ricci G, Bertulli C, Plebani A, Cassatella M, **Bazzoni F**, Badolato R.  
SH2 domain mutations of STAT3 gene result in impairment of IL-10 function in hyper-IgE syndrome patients.  
*European Journal of Immunology* 2011, 41:3075-3084
20. Vairo D, Tassone L, Tabellini G, Tamassia N, Gasperini S, **Bazzoni F**, Plebani A, Porta F, Notarangelo LD, Parolini S, Giliani S, Badolato R.

Severe impairment of IFN $\gamma$  and IFN $\alpha$  responses in cells of a patient with a novel STAT1 splicing mutation.

*Blood* 2011, 118:1806-1817.

21. Francesca Morandini, Linda Avesani, Luisa Bortesi, Bart Van Droogenbroeck, Elsa Arcalis, **Flavia Bazzoni**, Luca Santi, Annalisa Brozzetti, Alberto Falorni, Eva Stoger<sup>3</sup>, 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.
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**ABSTRACTS PUBBLICATI SU RIVISTE SCIENTIFICHE INTERNAZIONALI CON IF  
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