



Curriculum vitae et studiorum

Flavia Bazzoni, PhD

- Luogo di nascita: Verona, Italia
- Cittadinanza: Italiana
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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.
- 1989: Corso di specializzazione post-laurea in “Trasfezione genica in cellule eucariotiche” Scuola Superiore di Oncologia e Scienze Biomediche di Genova.
- 1993: Dottore di Ricerca in Biologia e Patologia Cellulare e Molecolare.

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: Visiting scientist nel laboratorio del Prof. Antony Segal, Department of Medicine, University College, Londra, U.K.
- 1990: Visiting scientist nel laboratorio del Prof. Marco Baggiolini, Theodor Kocher Institute, University of Bern, Svizzera
- 1991-1995: post-doctoral fellow (1991-1993), 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
- 2004-Febbraio 2022: Professore Associato di Patologia Generale (MED/04), Dipartimento di Medicina, Università di Verona
- Marzo 2022-oggi: Professore Ordinario di Patologia Generale (MED/04), Dipartimento di Medicina, Università di Verona

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 Università di Verona
- 2011-2014: Membro della Commissione di Ateneo per la distribuzione del FUR

ATTIVITÀ EDITORIALE E SOCIETÀ SCIENTIFICHE

- 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*.

- Membro della Società Italiana di Immunologia, Immunologia Clinica e Allergologia (SIICA).
- Membro della Society for Leukocyte Biology
- 2014 – 2021: membro del Direttivo della Società Italiana di Immunologia, Immunologia Clinica e Allergologia (SIICA).
- 2021: nominata nel collegio dei *probi viri* della 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

- 2023: docente del modulo di Patologia Generale, Laurea magistrale a ciclo unico in Medicina e Chirurgia, Verona
- 2021 ad oggi: Componente del Consiglio della Scuola in Malattie dell'apparato respiratorio, Università di Verona
- 2021-2022: docente del modulo di Patologia Generale Laurea magistrale a ciclo unico interateneo in Medicina e Chirurgia (sede amministrativa Trento)
- 2018 ad oggi: Componente del Consiglio della Scuola di Specializzazione in Allergologia ed Immunologia Clinica
- 2017 ad oggi: coordinatore del corso di Patologia generale e immunologia, corso di Laurea Magistrale a ciclo unico in Odontoiatria e protesi dentaria.
- 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.
- 1999-2012: membro del Collegio Docenti della Scuola di Dottorato in Scienze Biomediche Traslazionali, corso di Dottorato in Biologia e Patologia Cellulare e Molecolare.
- 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.
- 1998-2000: docente del corso "Ingegneria Genetica", Scuola di Specializzazione in Biologia Clinica, Facoltà di Medicina e Chirurgia, Università degli Studi di Verona.
- 1996 ad oggi: tutor e relatore di tesi 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- α in cancer therapy".
- 2010, April 12th to June 18th: tutor of undergraduate student Long Vo-Ngoc from the Department of Molecular Biology of the Free University of Brussels (ULB).
- 2016-2017: Supervisore della studentessa Nila H. Servaas, Graduate School of Life Sciences (GSLs), UMC Utrecht & Utrecht University, Utrecht, NL

ATTIVITÀ DI DIVULGAZIONE SUL TERRITORIO (terza missione)

- 2021, 2022, 2023, 2024: Organizzazione UniVax Day, incontro è riservato agli studenti del 4°-5° anno delle scuole medie superiori sul tema vaccini.

- 2011: Organizzazione seminario divulgativo tenuto dal Prof. Bruce Beutler, premio Nobel per la Medicina 2011.

ATTIVITÀ DI RICERCA SCIENTIFICA

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

COLLABORAZIONI INTERNAZIONALI

- 2019: Matthias Eberl, Division of Infection and Immunity, School of Medicine, Cardiff University, Cardiff, United Kingdom
- 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.
- 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).
- 2004: McDONALD Patrick e EAR Tornin, Pulmonary Division, University of Sherbrooke, Sherbrooke, Canada.
- 2001: YOSHIMURA Akihiko e KINJO Ichiko, Molecular and Cellular Immunology, Medical Institute of Bioregulation, Kyushu University, Fukuoka, Japan.

PARTECIPAZIONE SU INVITO A CONVEGNI DI CARATTERE SCIENTIFICO

- 2023. F. Bazzoni. Circulating neutrophils of chronic obstructive pulmonary disease patients display a trained phenotype. XIV National Congress SIICA, Workshop Innate Immunity, 22-25 Maggio, Verona.
- 2021. F. Bazzoni. Regulation of Innate Immunity by Non-Coding RNAs. EFIS-IL: Non-Coding RNA and Epigenetic Regulation in Immune Cells. 6th European Congress of Immunology, 1-4 September 2021, Virtual meeting.
- 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).
- 2017. F. Bazzoni. Chair del Workshop "Innate immunity and Inflammation", XI Congresso Nazionale della SIICA, 28-31 Maggio 2017, Bari.
- 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.
- 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. 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).

- 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.
- 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).
- 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.
- 2013. F. Bazzoni. Chair of the Workshop "microRNAs in Immune Regulation". 15th International Congress of Immunology 22-27 Agosto 2013, Milan, Italy. Workshop.
- 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.
- 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.
- 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. The microRNA repertoire of human monocytes and neutrophils: induction by pro and antiinflammatory 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. Uncovering an IL-10-dependent NF- κ B recruitment to the IL-1 α 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.
- 2010. F. Bazzoni. microRNA: novel players of native immune cell responses. 7th National Conference SIICA. 26-29 Maggio 2010, Villa Romanazzi Carducci, Bari.
- 2008. F. Bazzoni. A regulatory circuitry involving microRNA-9 and NF- κ 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.
- 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.
- 2006. F. Bazzoni. Chair of the Workshop: Macrophages, neutrophils and other myeloid cells. 16th European Congress of Immunology. 6-9 Settembre 2006, Palais des Congres, Paris, France.
- 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).
- 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.
- 2003. F. Bazzoni. A new strategy for safe and efficient use of TNF- α in cancer therapy. EMBO Lecture Course on "New Development in Genomics for Biomedicine", 8-13 Aprile 2003, Brdo Estate, Slovenia.
- 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.
- 1997. F. Bazzoni. TNF Ligand:Receptor Families. Scuola Superiore d'Immunologia Ruggero Ceppellini, "Cytokines in Immunity", 3-7 Novembre 1997, Napoli.

ORGANIZZAZIONE DI CONVEGNI SCIENTIFICI INTERNAZIONALI

- 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).
- 2017. INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 6-7 Ottobre 2017, Polo Zanotto, Verona.
- 2016. 3rd European Workshop on “microRNAs and Immune System”. 19-20 Giugno 2016 Istituto Nazionale di Genetica Molecolare (INGM), Milano.
- 2016. INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 29 Settembre-1 Ottobre 2016, Second University of Naples – Italy.
- 2015: INTERNATIONAL RETREAT OF PhD STUDENTS IN IMMUNOLOGY, 19-20 Giugno 2015, Magna Graecia University of Catanzaro, Italy.
- 2014. 2nd European Workshop on “microRNAs and Immune System”. 8-10 Aprile 2014, Hotel Hilton, Zurich (Switzerland).
- 2012. 1st European Workshop on “microRNAs and Immune System”. 9-10 Giugno 2012, Villa Maria, Desenzano del Garda, Brescia.

PROGETTI DI RICERCA CON ENTI UFFICIALI, ASSEGNATI MEDIANTE REFERAGGIO ESTERNO (ultimi 3 anni)

- AIRC call 2023. New genetic and epigenetic players to design innovative RNA-based therapeutic strategies in T-LGL leukemia (IG 2023 29058). Responsabile di Unità. Principal investigator Renato Zambello (Università degli Studi di Padova).
- PRIN: Bando 2022 PNRR. Exosomal miRNAs as triggers of type I interferon-mediated autoimmune diseases (Pro. P2022L3LJN). Responsabile di Unità. Principal investigator Daniela Bosisio (Università degli Studi di Brescia).

INDICATORI BIBLIOMETRICI

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Autrice di 67 pubblicazioni su riviste internazionali con IF (JCR 2019), 5 pubblicazioni su libri.

H index: 37 (Web of Science); 37 (Scopus)

Totale citazioni: 6427 n(WOS), 5970 (Scopus)

ELENCO DELLE PUBBLICAZIONI

1. Pettinella, F; Mariotti, B; Lattanzi, C; Bruderek, K; Donini, M; Costa, S; Marini, O; Iannoto, G; Gasperini, S; Cavegion, E; Castellucci, M, Calzetti, F; Bianchetto-Aguilera, F; Gardiman, E; Matteo, G; Dusi, S; Cantini, M; Vassanelli, A; Pavone, D; Milella, M; Pilotto, S; Biondani, P; Hoing, B; Schleupner, MC; Hussain, T; Boris, H; Kaspar, C; Visco, C; Tecchio, C; Koenderman, L; Bazzoni, F; Cassatella, MA; Scapini, P.
Surface CD52, CD84, and PTGER2 mark mature PMN-MDSCs from cancer patients and G-CSF-treated donors.
Cell Reports Medicine 2024, 5:101380.
DOI: 10.1016/j.xcrm.2023.101380
2. Barbara Mariotti, Costanza Di Blas, Flavia Bazzoni.
Implementation of a combined bioinformatics and experimental approach to address lncRNA mechanism of action: the example of NRIR.
Frontiers in Molecular Biosciences 2022, 9:873847.
DOI: 10.3389/fmolb.2022.873847

3. Troianova N, Mariotti B, Micheletti V, Calzetti F, Donini M, Salvagno G, Ferrari M, Crisafulli E, Bazzoni F.
Impact of Sex on Circulating Leukocytes Composition in COPD Patients.
International Journal COPD 2021; 16:3539-3550.
DOI: 10.2147/COPD.S341623.
4. Servaas NH, Mariotti B, van der Kroef M, Wichers CGK, Pandit A, Bazzoni F, Radstake TRDJ, Rossato M.
Characterization of Long Non-Coding RNAs in Systemic Sclerosis Monocytes: A potential Role for PSMB8-AS1 in Altered Cytokine Secretion. International Journal of Molecular Sciences 2021; 22:4365.
DOI: 10.3390/ijms22094365.
5. Daniela Bosisio and Flavia Bazzoni
Regulation of Soluble Immune Mediators by Non-Coding RNAs.
Frontiers in Immunology, 2020;11:607222.
DOI: 10.3389/fimmu.2020.607222.
6. 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 in Molecular Biology 2020; 2087:243-260.
DOI: 10.1007/978-1-0716-0154-9_19.
7. Mariotti B, Calabretto G, Rossato M, Teramo A, Castellucci M, Barilà G, Leoncin M, Vicenzetto C, Facco M, Semenzato G, Bazzoni F, Zambello R. (Corresponding author)
Identification of a miR-146b-FasL axis in the development of neutropenia in T large granular lymphocyte leukemia.
Haematologica 2020; 105:1351-1360.
DOI: 10.3324/haematol.2019.225060.
8. 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.
Scientific Reports 2019; 9:10136.
DOI: 10.1038/s41598-019-46585-y.
9. 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, Carvalho 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.
Histone modifications underlie monocyte dysregulation in Systemic Sclerosis patients, underlining the treatment potential of epigenetic targeting.
Annals of the Rheumatic Diseases 2019; 78:529-538.
DOI: 10.1136/annrheumdis-2018-214295
10. Mariotti B, Servaas NH, Rossato M, Tamassia N, Cassatella MA, Cossu M, Beretta L, van der Kroef M, Radstake TRDJ and Bazzoni F
The Long-Non-coding RNA NR1H3 Drives IFN-Response in Monocytes: Implication for Systemic Sclerosis.
Frontiers in Immunology 2019; 10:100.
DOI: 10.3389/fimmu.2019.00100
11. Graziella Curtale, Tiziana A. Renzi, Massimiliano Mirolo, 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.
Frontiers in Immunology 2018; 9:2037
DOI: 10.3389/fimmu.2018.02037

12. 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; 48:1266-1268 DOI:10.1002/eji.201870105.
13. 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.
DOI: 10.1186/s13046-015-0225-7
14. 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; 136:781-791.e9
DOI: 10.1016/j.jaci.2015.04.023
15. Maili Zimmermann, Francisco Bianchetto Aguilera, Monica Castellucci, Marzia Rossato, Sara Costa, Claudio Lunardi, Renato Ostuni, Giampiero Girolomoni, Gioacchino Natoli, Flavia Bazzoni, Nicola Tamassia, and Marco A. Cassatella.
Chromatin remodelling and autocrine TNFa are required for optimal interleukin-6 expression in activated human neutrophils.
Nature Communications, 2015; 6:6061
DOI: 10.1038/ncomms7061
16. 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.
DOI: 10.1007/978-1-62703-845-4_27
17. 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.
DOI: 10.1515/cclm-2013-0562
18. 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; 110:11499-11504.
DOI: 10.1073/pnas.1219852110
19. 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.

DOI: 10.4049/jimmunol.1203022

20. 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.
DOI: 10.1073/pnas.1209100109
21. 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; 189:1500-1509.
DOI: 10.4049/jimmunol.1102985
22. 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
DOI: 10.1038/ni.2111
23. Giacomelli BM, Tamassia N, Moratto D, Bertolini P, Ricci G, Bertulli C, Plebani A, Cassatella M, Bazzoni F, Badolato R.
SH2 domain mutations in STAT3 in hyper-IgE syndrome patients result in impairment of IL-10 function.
European Journal of Immunology 2011; 41:3075-3084
DOI: 10.1002/eji.201141721
24. 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 γ and IFN α responses in cells of a patient with a novel STAT1 splicing mutation.
Blood 2011; 118:1806-1817.
DOI: 10.1182/blood-2011-01-330571
25. Francesca Morandini, Linda Avesani, Luisa Bortesi, Bart Van Droogenbroeck, Elsa Arcalis, Flavia Bazzoni, Luca Santi, Annalisa Brozzetti, Alberto Falorni, Eva Stoger³, 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
DOI: j.1467-7652.2011.00605.x
26. 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.
DOI: 10.1002/eji.200940294
27. Nicola Tamassia, Monica Castellucci, Marzia Rossato, Sara Gasperini, Daniela Bosisio, Mauro Giacomelli, Raffaele Badolato, Marco A. Cassatella and Flavia Bazzoni.

Uncovering an IL-10-dependent NF- κ B recruitment to the IL-1 α promoter that is impaired in STAT3 functionally defective patients.
FASEB Journal 2010; 24: 1365-1375.
DOI: 10.1096/fj.09-145573

28. Luisa Bortesi, Marzia Rossato, Flora Schuster, Nicole Raven, Johannes Stadlmann, Linda Avesani, Alberto Falorni, Flavia Bazzoni, Ralph Bock, Stefan Schillberg, Mario Pezzotti.
Viral and murine interleukin-10 are correctly processed and retain their biological activity when produced in tobacco.
BMC Biotechnology 2009; 9:22
DOI: 10.1186/1472-6750-9-22
29. Flavia Bazzoni, Marzia Rossato, Marco Fabbri, Daniele Gaudiosi, Massimiliano Mirolo, Laura Mori, Nicola Tamassia, Alberto Mantovani, Marco A. Cassatella, and Massimo Locati.
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