

Associate Professor of Biochemistry

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Other Institutional Appointments

Head of Unit

Laboratory of Cellular and Humoral Innate Immunity
IRCCS Humanitas Research Hospital (HRH)
via Alessandro Manzoni 56
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Personal information

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Biosketch

I graduated in **Chemistry (Biological Chemistry Curriculum)** at the University of Naples Federico II (2001) and obtained a **PhD in Immunology** at the University of Rome Tor Vergata (2006). I completed my training in **Immunology** at the **Leiden University Medical Center** (Leiden, The Netherlands; 2005) and the Medical Research Council (MRC) Immunochemistry Unit, **University of Oxford** (Oxford, UK; 2006), and in **Biochemistry/Biophysics** at the Faculty of Life Sciences, **University of Manchester** (Manchester, UK; 2006-2009). I am recipient of **fellowships** from **FIRC** (Italian Foundation for Cancer Research; 2006-2007), **FHR** (Humanitas Foundation for Research; 2007), **MRC** (2008-2009), **SEMM** (European School of Molecular Medicine; 2009-2011), and **INNOCHEM** (Innovative Chemokine-based Therapeutic Strategies for Autoimmunity and Chronic Inflammation; 2010), and an **Advanced Training in Clinical Epidemiology Diploma** from Hunimed (2018). I was appointed **Assistant Professor of Healthcare Professions and Medical Technologies** (MED/46) at the **University of Milan** (2014-2017), **Assistant Professor of Biochemistry** (BIO/10) at **Hunimed** (2018-2021), and currently hold a position of **Associate Professor of Biochemistry** (BIO/10) at **Hunimed** (since March 2021). I have served as **Postdoctoral Fellow** (2009-2011), **Researcher** (2011-2014) and **Senior Scientist** (2014-2022) in the **Laboratory of Immunopharmacology** of HRH, and recently became **Head of Unit** in the **Laboratory of Cellular and Humoral Innate Immunity** of HRH (since 2023). I have authored 53 publications and 2 book chapters indexed in Pubmed, 23 proceedings, and 1 commentary, with an average impact factor of 7.7 and *h*-indexes of 29 (Scopus) & 30 (Google Scholar). I am co-inventor of 2 patents. At present, I **lecture** in **Biochemistry** at Hunimed where I coordinate two integrated courses of the **Medical** and **Medtec** Schools.

Employment history

Jan 2023 – present	Head of Unit Laboratory of Cellular and Humoral Innate Immunity – HRH, Rozzano (MI) - Italy
Mar 2021 – present	Associate Professor of Biochemistry (BIO/10) Department of Biomedical Sciences – Hunimed, Pieve Emanuele (Milan) - Italy
Feb 2018 – Feb 2021	Assistant Professor of Biochemistry (RTD A, BIO/10) Department of Biomedical Sciences – Hunimed, Pieve Emanuele (Milan) - Italy
Sept 2014 – Dec 2022	Senior Scientist Laboratory of Immunopharmacology – HRH, Rozzano (MI) - Italy
Sept 2014 – Aug 2017	Assistant Professor of Healthcare Professions and Medical Technologies (RTD A, MED/46) Department of Medical Biotechnology and Translational Medicine - University of Milan (Unimi), Milan - Italy
Nov 2011 – Aug 2014	Researcher Laboratory of Immunopharmacology - HRH & FHR, Rozzano (MI) - Italy
Nov 2009 – Oct 2011	Postdoctoral Fellow Laboratory of Immunopharmacology - HRH, Rozzano (MI) - Italy
Oct 2006 – Sept 2009	Postdoctoral Fellow Wellcome Trust Centre for Cell-Matrix Research (WTCCMR), Faculty of Life Sciences - University of Manchester, Manchester - UK
June 2006 – Sept 2006	Postdoctoral Fellow Medical Research Council (MRC) Immunochemistry Unit, Department of Biochemistry - University of Oxford, Oxford - UK
Nov 2002 – Oct 2005	PhD Student Faculty of Mathematical, Physical and Natural Sciences, Department of Biology - University “Tor Vergata”, Rome - Italy
Nov 2001 – Feb 2003	Junior Research Scientist Fiuotecnica S.r.l., Metaponto di Bernalda (MT) - Italy

Education and qualifications

Nov 2017 – Oct 2018	Advanced Training Course in Clinical Epidemiology Hunimed
Mar 2017	National Academic Qualification (<i>Abilitazione Scientifica Nazionale</i>) in Biochemistry (BIO/10) Italian Ministry of Education, University and Research (MIUR)
Mar 2017	National Academic Qualification (<i>Abilitazione Scientifica Nazionale</i>) in Healthcare Professions and Medical Technologies (MED/46) MIUR
Nov 2002 – Oct 2005	PhD (<i>Doctorate</i>) studies in Immunology Faculty of Mathematical, Physical and Natural Sciences, Department of Biology - University Tor Vergata, Rome - Italy (<i>PhD Degree awarded on October 13th, 2006</i>)
Sept 1993 – Oct 2001	Master studies in Chemistry (<i>Biological Chemistry Curriculum</i>) Faculty of Mathematical, Physical and Natural Sciences, Department of Organic Chemistry and Biochemistry - University Federico II, Naples - Italy (<i>Master Degree awarded on October 31st, 2001; 110/110 cum laude</i>)

Fellowships

- Sept 2010 – Oct 2010 **INNOCHEM Technology Transfer Fellowship**
WTCCMR, Faculty of Life Sciences, University of Manchester, Manchester - UK
- Nov 2009 – Oct 2011 **SEMM Structured Postdoctoral Research Fellowship**
HRH
- Oct 2008 – Sept 2009 **MRC Postdoctoral Research Associate Fellowship**
WTCCMR, Faculty of Life Sciences, University of Manchester, Manchester - UK
- June 2007 – Dec 2007 **FHR International Postdoctoral Research Fellowship**
WTCCMR, Faculty of Life Sciences, University of Manchester, Manchester - UK
- June 2006 – May 2007 **FIRC International Postdoctoral Research Fellowship “Leonino Fontana and Maria Lionello”**.
MRC Immunochemistry Unit, Department of Biochemistry - University of Oxford, Oxford - UK
&
WTCCMR, Faculty of Life Sciences, University of Manchester, Manchester - UK

Awards and Honors

- 2021 – present **Member of the International Society for Hyaluronan Sciences (ISHAS)**
- 2011 – present **Full Member (Socio Effettivo) of the Italian Society of Immunology, Clinical Immunology and Allergology (Societa' Italiana di Immunologia, Immunologia Clinica e Allergologia, SIICA)**
- 2004 – present **Full Member of the Italian Chemical Society**
- 2011 **Travel award** for participation to the **8th International Conference on Innate Immunity**, Chania, Crete, Greece, June 15th - 20th, 2011
- 2008 – 2009 **Member of the British Society of Matrix Biology (BSMB)**

Patents

- March 2019 **Anti-human migration stimulating factor (MSF) and uses thereof**
Inventors: Mantovani A, Bottazzi B, Laface I, **Inforzato A**, Gulic T
Ownership: HRH
Status: *published in Europe, USA, and China (PCT/EP2018/075363)*
- Sept 2005 **Deglycosylated and desialylated long pentraxin PTX3**
Inventors: Carminati P, De Santis R, **Inforzato A**, Salvatori G
Ownership: *Sigma-Tau Industrie Farmaceutiche Riunite S.p.A., Pomezia (Rome) - Italy*
Status: *published in Europe, USA, Australia, and China (PCT/EP2005/054860)*

Funding


- Oct 2023 – Sept 2025 **Italian Ministry for Universities and Research (PRIN-PNRR Grant; 20227EB74M)**
Project title: *The Cumulus Oophorous extracellular MATRIX as a marker of follicular development, oocyte maturation and embryo quality in human assisted reproduction (CO-MATRIX)* - Position on the project: PI - Amount funded: € 217,667.00
- Jan 2022 – Dec 2024 **Fondazione Beppe e Nuccy Angiolini**
Project title: *Diagnostic and therapeutic potential of the long pentraxin PTX3 in bacterial infections of the bone* - Position on the project: PI - Amount funded: € 360,000.00

- Jan 2019 – Dec 2021 **Fondazione Beppe e Nuccy Angiolini**
Project title: *Role of the long pentraxin PTX3 in osteomyelitis* - Position on the project: *PI* - Amount funded: € 360,000.00
- Nov 2014 – Oct 2018 **Italian Ministry of Health (Young Researcher Grant; GR-2011-02349539)**
Project title: *The long pentraxin PTX3 as a functional ancestor of antibodies in the immune response to Aspergillus fumigatus* - Position on the project: *PI* - Amount funded: € 330,687.76

Teaching

- 2021 – present **Hunimed Medical School**
Biochemistry (6 European Credit Transfer System, ECTS) - Module of the integrated course "The cell: functions and control" (first year)
- Hunimed Medtec School**
Biochemistry (5 ECTS) - Module of the integrated course "Cell Physiology and Biochemistry 1" (first year)
- 2019 – 2021 **Hunimed Medical School**
Biochemistry (5 European Credit Transfer System, ECTS) - Module of the integrated course "The cell: molecules and processes" (first year)
- Hunimed Medtec School**
Biochemistry (5 ECTS) - Module of the integrated course "Cell Physiology and Biochemistry 1" (first year)
- 2016 – 2019 **Hunimed Medical School**
Biochemistry (5 ECTS) - Module of the integrated course "The cell: molecules and processes" (first year)
- Biochemistry (2 ECTS) - Module of the integrated course "Body at Work 1" (second year)
(until 2017, based on a conventional agreement with the University of Milan – since 2018, as a member of the Hunimed Faculty)
- 2015 – 2016 **Hunimed Medical School**
Biochemistry (5 ECTS) - Module of the integrated course "The cell: molecules and processes" (first year)
(based on a conventional agreement with the University of Milan)

In addition to lecturing, I offer and supervise elective activities, including seminars (e.g., Biochemistry of Nutrition, Metabolic Syndrome), laboratory internships, and transdisciplinary workshops (e.g., Chemistry/Biochemistry, Biochemistry/Physiology). For additional information, see:

-  <https://www.hunimed.eu/course/medicine/program-structure/>
-  <https://www.hunimed.eu/course/medtec-school/program-structure/>

Institutional Activities

- May 2023 **Member of the Hunimed panel for ANVUR (National Evaluation Agency of the University and Research System) accreditation of the Medical School**
Hunimed
- Dec 2021 – present **Member of the Quality Assurance (QA) Office of the Medtec School**
Hunimed
- May 2019 – present **Member of the Quality Assurance (QA) Office of the Medical School**
Hunimed
- Nov 2019 **Member of the Hunimed panel for ANVUR accreditation of the Medical School**
Hunimed

Supervision of PhD and Master students

2021 – present	Valentina Possetti PhD program in Molecular and Experimental Medicine <i>Hunimed</i>
2018 – 2020	Valentina Possetti Master in Veterinary Biotechnology Sciences <i>University of Milan</i>
2015 – 2019	Raffaella Parente PhD program in Immunology and Immunopathology <i>The Open University, Milton Keynes – UK</i>
2011 – 2012	Francesca Petroni Master in Biological Sciences <i>University of Pavia, Pavia – Italy</i>

Scientific and Research Interests

My scientific interests primarily focus on **structure/function of soluble components of the innate immune system in infectious and degenerative diseases, and tissue homeostasis**. Particular attention is paid to the long pentraxin **PTX3**, as a **paradigm of the innate humoral response**, for which I supervise and coordinate the following lines of research:

1. characterization of the **structure of PTX3 and its complexes** with complement and matrix proteins;
2. definition of the role/s of PTX3 and other matrix molecules (TSG-6, I α I, FGF2) in the **remodeling of the hyaluronic acid extracellular matrix** in inflammatory (e.g., angiogenesis) and inflammatory-like (e.g., ovulation) processes;
3. study of the molecular mechanisms underlying the **functional cooperation between pentraxins and the complement system** in the immune response to fungal infections (e.g., invasive aspergillosis) and immunodegenerative diseases (e.g., age-related macular degeneration);
4. identification of **new functional spaces for the soluble effectors of innate immunity in bone physiology** (e.g., bone turn-over) and **pathology** (e.g., osteomyelitis).

For additional information, see:

 <https://www.hunimed.eu/it/member/antonio-inforzato>

Publications

Summary

53 peer reviewed articles (including **2** book chapters)

2 contributions to Encyclopedias

23 proceedings

1 commentary

Citation indexes

Total citations: **2445** (Scopus) – **3344** (Google Scholar)

Average citations: **46** (Scopus) – **63** (Google Scholar)

Total impact factor (IF): **407.482**

Average IF: **7.688**

h-index: **29** (Scopus) – **30** (Google Scholar)

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Peer reviewed articles

- P1. Pathak V, Bertelli PM, Pedrini E, Harkin K, Peixoto E, Allen LD, Mcloughlin K, Chavda ND, Hamill KJ, Guduric-Fuchs J, **Inforzato A**, Bottazzi B, Stitt AW, Medina RJ (in press) Modulation of diabetes-related retinal pathophysiology by PTX3. *Proc Natl Acad Sci U S A* {IF: 9.400}
- P2. Dellière S, Chauvin C, Wong SSW, Gressler M, Possetti V, Parente R, Fontaine T, Krüger T, Kniemeyer O, Bayry J, Carvalho A, Brakhage AA, **Inforzato A**, Latgé JP, Amanianda V (2024) Interplay between host humoral pattern recognition molecules controls undue immune responses against *Aspergillus fumigatus*. *Nat Commun* 15:6966 [doi: 10.1038/s41467-024-51047-9] {IF: 14.700}
- P3. Sancassani S, Milani M, **Inforzato A***, Volonterio A* (2024) Structure and Function of Biomacromolecules: A Chemistry/Biochemistry 2 Transdisciplinary Workshop. *J Chem Educ* [doi: 10.1021/acs.jchemed.4c00453] {IF: 2.500}
- P4. Granata V, Strina D, Possetti V, Leone R, Valentino S, Chiappetta K, Loppini M, Mantovani A, Bottazzi B, Asselta R, Sobacchi C*, **Inforzato A*** (2024) Interleukin-1 β Polymorphisms Are Genetic Markers of Susceptibility to Periprosthetic Joint Infection in Total Hip and Knee Arthroplasty. *Genes* 15:596 [doi: 10.3390/genes15050596] {IF: 3.500}
- P5. Granata V, Strina D, Schiavone ML, Bottazzi B, Mantovani A, **Inforzato A***, Sobacchi C* (2023) Genetic Deficiency of the Long Pentraxin 3 Affects Osteogenesis and Osteoclastogenesis in Homeostatic and Inflammatory Conditions. *Int. J. Mol. Sci.* 24:16648. [doi: 10.3390/ijms242316648] {IF: 6.208}
- P6. Massimino AM, Colella FE, Bottazzi B, **Inforzato A** (2023) Structural insights into the biological functions of the long pentraxin PTX3. *Front. Immunol.* 14:1274634 [doi: 10.3389/fimmu.2023.1274634] {IF: 8.787}
- P7. Porte R, Silva-Gomes R, Theroude C, Parente R, Asgari F, Sironi M, Pasqualini F, Valentino S, Asselta R, Recordati C, Monari MN, Doni A, **Inforzato A**, Rodriguez-Gallego C, Obando I, Colino E, Bottazzi B, Mantovani A (2023) Regulation of inflammation and protection against invasive pneumococcal infection by the long pentraxin PTX3. *eLife* 12:e78601 [doi: 10.7554/eLife.78601] {IF: 8.713}
- P8. Loppini M, Di Maio M, Avigni R, Leone R, **Inforzato A**, Grappiolo G, Mantovani A, Bottazzi B (2023) Long Pentraxin 3 as a New Biomarker for Diagnosis of Hip and Knee Periprosthetic Joint Infections. *J Clin Med.* 12(3):1055 [doi: 10.3390/jcm12031055] {IF: 4.964}
- P9. Lee SK, **Inforzato A**, Sobacchi C (2023) Editorial: Regulation of osteoclast differentiation in autoimmune and inflammatory diseases. *Front Immunol.* [doi: 10.3389/fimmu.2022.1125763] {IF: 8.787}
- P10. Granata V, Possetti V, Parente R, Bottazzi B, **Inforzato A**, Sobacchi C (2022) The osteoblast secretome in *Staphylococcus aureus* osteomyelitis. *Front Immunol.* [doi: 10.3389/fimmu.2022.1048505] {IF: 8.787}
- P11. Stradiotto E, Allegrini D, Fossati G, Raimondi R, Sorrentino T, Tripepi D, Barone G, **Inforzato A**, Romano MR (2022) Genetic Aspects of Age-Related Macular Degeneration and Their Therapeutic Potential. *Int. J. Mol. Sci.* 23(21), 13280 [doi: 10.3390/ijms232113280] {IF: 6.208}
- P12. Raimondi R, Zollet P, De Rosa FP, Tsoutsanis P, Stravalaci M, Paulis M, **Inforzato A**, Romano MR (2022) Where Are We with RPE Replacement Therapy? A Translational Review from the Ophthalmologist Perspective. *Int. J. Mol. Sci.* 23(2), 682 [doi: 10.3390/ijms23020682] {IF 6.208}
- P13. Stravalaci M, Ferrara M, Pathak V, Davi F, Bottazzi B, Mantovani A, Medina RJ, Romano MR, **Inforzato A** (2022) The Long Pentraxin PTX3 as a New Biomarker and Pharmacological Target in Age-Related Macular Degeneration and Diabetic Retinopathy. *Front Pharmacol.* 12: 3975 [doi: 10.3389/fphar.2021.811344] {IF 5.330}
- P14. Parente R, Possetti V, Erreni M, D'Autilia F, Bottazzi B, Garlanda C, Mantovani A, **Inforzato A***, Doni A*. (2021) Complementary roles of short and long pentraxins in the complement-mediated immune response to *Aspergillus fumigatus* infections. *Front Immunol.* 12:785883 [DOI: 10.3389/fimmu.2021.785883] {IF 6.429}
- P15. Parente R, Possetti V, Schiavone ML, Campodoni E, Menale C, Loppini M, Doni A, Bottazzi B, Mantovani A, Sandri M, Tampieri A, Sobacchi C, **Inforzato A**. (2021) 3D Cocultures of Osteoblasts and *Staphylococcus aureus* on Biomimetic Bone Scaffolds as a Tool to Investigate the Host-Pathogen Interface in Osteomyelitis. *Pathogens* 10:837. [https://doi.org/10.3390/pathogens10070837] {IF 3.492}
- P16. Doni A, Parente R, Laface I, Magrini E, Cunha C, Colombo FS, Lacerda JF, Campos A Jr, Mapelli SN, Petroni F, Porte R, Schorn T, **Inforzato A**, Mercier T, Lagrou K, Maertens J, Lambris JD, Bottazzi B, Garlanda C, Botto M, Carvalho A, Mantovani A. (2021) Serum amyloid P component is an essential element of resistance against *Aspergillus fumigatus*. *Nat Commun.* 12(1):3739 [PMID: 34145258] {IF 12.121}

- P17. Magrini E, Di Marco S, Mapelli S, Perucchini C, Pasqualini F, Donato A, de la Luz Guevara Lopez M, Carriero R, Ponzetta A, Colombo P, Cananzi F, Supino D, Reis ES, Peano C, **Inforzato A**, Jaillon S, Doni A, Lambris JD, Mantovani A, Garlanda C. (2021) Complement activation promoted by the lectin pathway mediates C3aR-dependent sarcoma progression and immunosuppression. *Nature Cancer* 2:218-232 [DOI: 10.1038/s43018-021-00173-0] {IF N/A}
- P18. Stravalaci M, Davi F, Parente R, Gobbi M, Bottazzi B, Mantovani A, Day AJ, Clark SJ, Romano MR, **Inforzato A**. (2020) Control of complement activation by the long pentraxin PTX3: implications in age-related macular degeneration. *Front Pharmacol.* 11:591908 [PMID: 33324220] {IF 4.400}
- P19. Parente R, Doni A, Bottazzi B, Garlanda C, **Inforzato A**. (2020) The complement system in *Aspergillus fumigatus* infections and its crosstalk with pentraxins. *FEBS Lett.* 594(16):2480 [PMID: 31994174] {IF 6.750}
- P20. Parente R, Sobacchi C, Bottazzi B, Mantovani A, Grčević D, **Inforzato A**. (2019) The Long Pentraxin PTX3 in Bone Homeostasis and Pathology. *Front Immunol.* 10:2628 [PMID: 31787987] {IF 5.511}
- P21. Doni A, Stravalaci M, **Inforzato A**, Magrini E, Mantovani A, Garlanda C, Bottazzi B. (2019) The Long Pentraxin PTX3 as a Link Between Innate Immunity, Tissue Remodeling, and Cancer. *Front Immunol.* 10:712 [PMID: 31019517] {IF 5.511}
- P22. Romano B, Elangovan S, Erreni M, Emanuela S, Petti L, Kunderfranco P, Massimino L, Restelli S, Sinha S, Lucchetti D, Anselmo A, Colombo FS, Stravalaci M, Arena V, D'Alessio S, Ungaro F, **Inforzato A**, Izzo AA, Sgambato A, Day AJ, Vetrano S. (2019) TNF-stimulated gene-6 (TSG-6) is a key regulator in switching stemness and biological properties of mesenchymal stem cells. *Stem Cells.* 37(7):973-987 [PMID: 30942926] {IF 5.587}
- P23. Bally I, **Inforzato A**, Dalonneau F, Stravalaci M, Bottazzi B, Gaboriaud C, Thielens NM. (2019) Interaction of C1q With Pentraxin 3 and IgM Revisited: Mutational Studies With Recombinant C1q Variants. *Front Immunol.* 10:461 [PMID: 30923526] {IF 5.511}
- P24. Mantovani A, Ponzetta A, **Inforzato A**, Jaillon S. (2019) Innate immunity, inflammation and tumour progression: double-edged swords. *J Intern Med.* 285(5):524-532 [PMID: 30873708] {IF 6.754}
- P25. Menale C, Campodoni E, Palagano E, Mantero S, Erreni M, **Inforzato A**, Fontana E, Schena F, Van't Hof R, Sandri M, Tampieri A, Villa A, Sobacchi C. (2019) MSC-Seeded Biomimetic Scaffolds as a Factory of Soluble RANKL in Rankl-Deficient Osteopetrosis. *Stem Cells Transl Med.* 8(1):22-34 [PMID: 30184340] {IF 4.929}
- P26. Scaldaferrì D, Bosi A, Fabbri M, Pedrini E, **Inforzato A**, Valli R, Frattini A, De Vito A, Noonan DM, Taramelli R, Mortara L, Acquati F (2018) The human RNASET2 protein affects the polarization pattern of human macrophages in vitro. *Immunol Lett.* 203:102-111 [PMID: 30218741] {IF 2.664}
- P27. Marschner JA, Mulay SR, Steiger S, Anguiano L, Zhao Z, Boor P, Rahimi K, **Inforzato A**, Garlanda C, Mantovani A, Anders HJ (2018) The Long Pentraxin PTX3 Is an Endogenous Inhibitor of Hyperoxaluria-Related Nephrocalcinosis and Chronic Kidney Disease. *Front Immunol.* 9:2173 [PMID: 30319631] {IF 5.511}
- P28. Grčević D, Sironi M, Valentino S, Deban L, Cvija H, **Inforzato A**, Kovačić N, Katavić V, Kelava T, Kalajzić I, Mantovani A, Bottazzi B (2018) The Long Pentraxin 3 Plays a Role in Bone Turnover and Repair. *Front Immunol.* 9:417 [PMID: 29556234] {IF 5.511}
- P29. Garlanda C, Bottazzi B, Magrini E, **Inforzato A**, Mantovani A (2018) PTX3, a Humoral Pattern Recognition Molecule, in Innate Immunity, Tissue Repair, and Cancer. *Physiol Rev.* 98(2):623-39 [PMID: 29412047] {IF 24.014}
- P30. Swinkles M, Zhang J, Tilakaratna V, Black G, Perveen R, McHarg S, **Inforzato A**, Day AJ, Clark SJ (2018) C-reactive protein and pentraxin-3 binding properties of factor H-like protein 1 differ from that of complement factor H: implications for inflammation in the eye. *Sci Rep.* 8(1):1643 [PMID: 29374201] {IF 4.609}
- P31. Parente R, Clark SJ, **Inforzato A** *, Day AJ * (2017) Complement factor H in host defense and immune evasion. *Cell Mol Life Sci.* 74(9):1605-24 [PMID: 27942748] {IF 6.721}
- P32. Daigo K *, **Inforzato A** *, Barajon I, Garlanda C, Bottazzi B, Meri S, Mantovani A (2016) Pentraxins in the activation and regulation of innate immunity. *Immunol Rev.* 274(1):202-217 [PMID: 27782337] {IF 9.614}
- P33. Bottazzi B, **Inforzato A**, Messa M, Barbagallo M, Magrini E, Garlanda C, Mantovani A (2016) The pentraxins PTX3 and SAP in innate immunity, regulation of inflammation and tissue remodelling. *J Hepatol.* 64(6):1416-27 [PMID: 26921689] {IF 12.486}
- P34. Lualdi M, Pedrini E, Petroni F, Näsman J, Lindqvist C, Scaldaferrì D, Taramelli R, **Inforzato A** *, Acquati F * (2015) New Strategies for Expression and Purification of Recombinant Human RNASET2 Protein in *Pichia pastoris*. *Mol Biotechnol.* 57(6):513-25 [PMID: 25663099] {IF 1.752}

- P35. Baranova NS, **Inforzato A**, Briggs DC, Tilakaratna V, Enghild JJ, Thakar D, Milner CM, Day AJ, Richter RP (2014) Incorporation of pentraxin 3 into hyaluronan matrices is tightly regulated and promotes matrix cross-linking. *J Biol Chem.* 289(44):30481-98 [PMID: 25190808] {IF 4.573}
- P36. Bozza S, Campo S, Arseni B, **Inforzato A**, Ragnar L, Bottazzi B, Mantovani A, Moretti S, Oikonomou V, De Santis R, Carvalho A, Salvatori G, Romani L (2014) PTX3 binds MD-2 and promotes TRIF-dependent immune protection in aspergillosis. *J Immunol.* 193(5):2340-8 [PMID: 25049357] {IF 4.922}
- P37. Cunha C, Aversa F, Lacerda JF, Busca A, Kurzai O, Grube M, Löffler J, Maertens JA, Bell AS, **Inforzato A**, Barbati E, Almeida B, Santos e Sousa P, Barbui A, Potenza L, Caira M, Rodrigues F, Salvatori G, Pagano L, Luppi M, Mantovani A, Velardi A, Romani L, Carvalho A.(2014) Genetic deficiency of PTX3 and aspergillosis in stem cell transplantation. *N Engl J Med.* 370 (5):421-32 [PMID:24476432] {IF 55.873}
- P38. Acquati F, Lualdi M, Bertilaccio S, Monti L, Turconi G, Fabbri M, Grimaldi A, Anselmo A, **Inforzato A**, Collotta A, Cimetti L, Riva C, Gribaldo L, Ghia P, Taramelli R (2013) Loss of function of Ribonuclease T2, an ancient and phylogenetically conserved RNase, plays a crucial role in ovarian tumorigenesis. *Proc Natl Acad Sci U S A.* 110(20):8140-5 [PMID: 23630276] {IF 9.809}
- P39. Mantovani A, Valentino S, Gentile S, **Inforzato A**, Bottazzi B, Garlanda C (2013) The long pentraxin PTX3: a paradigm for humoral pattern recognition molecules. *Ann N Y Acad Sci.* 1285:1-14 [PMID: 23527487] {IF 4.039}
- P40. **Inforzato A**, Doni A, Barajon I, Leone R, Garlanda C, Bottazzi B, Mantovani A (2013) PTX3 as a paradigm for the interaction of pentraxins with the complement system. *Semin Immunol.* 25(1):79-85 [PMID: 23747040] {IF 6.124}
- P41. **Inforzato A**, Reading PC, Barbati E, Bottazzi B, Garlanda C, Mantovani A (2013) The "sweet" side of a long pentraxin: how glycosylation affects PTX3 functions in innate immunity and inflammation. *Front Immunol.* 3:407 [PMID: 23316195] {IF 5.695}
- P42. Lo Iacono N, Blair HC, Poliani PL, Marrella V, Ficara F, Cassani B, Facchetti F, Fontana E, Guerrini MM, Traggiai E, Schena F, Paulis M, Mantero S, **Inforzato A**, Valaperta S, Pangrazio A, Crisafulli L, Maina V, Kostenuik P, Vezzoni P, Villa A, Sobacchi C (2012) Osteopetrosis rescue upon RANKL administration to Rankl(-/-) mice: a new therapy for human RANKL-dependent ARO. *J Bone Miner Res.* 27(12):2501-10 [PMID: 22836362] {IF 6.128}
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Conference communications and organization

- 2021, 28th International Complement Workshop (VIRTUAL) [Selected Abstract for Oral Communication]
- 2021, 6th European Congress of Immunology (VIRTUAL) [Selected Abstract for Oral Communication]

3. 2019, 2nd Joint Meeting of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA) and the German Society for Immunology (DGfI), Munich (GERMANY) [*Selected Abstract for Oral Communication*]
4. 2018, 5th European Congress of Immunology, Amsterdam (THE NETHERLANDS) [*Selected Abstract for Oral Communication*]
5. 2018, 11th International Conference on Complement Therapeutics, Crete (GREECE) [*Selected Abstract for Oral Communication*]
6. 2017, 5th Humanitas course in reproductive medicine, Istituto Clinico Humanitas IRCCS, Rozzano (ITALY) [*Invited speaker*]
7. 2017, 16th European Meeting on Complement in Human Disease, Copenhagen (DENMARK) [*Selected Abstract for Oral Communication*]
8. 2016, Annual Meeting of the Croatian Immunological Society (HID), Ogulin (CROATIA) [*Invited speaker*]
9. 2014, 2015, 2016 & 2017 "Milan Meets Immunology (MMI)" Meetings, Milan & Rozzano (ITALY) [*Organizer*]
10. 2013, 15th International Congress of Immunology (ICI), Milan (ITALY) [*Selected Abstract for Oral Communication*]
11. 2012, "The Attana Cell™ 200 system: studying molecular interactions in real time at the cell surface", Istituto Clinico Humanitas IRCCS, Rozzano (ITALY) [*Organizer*]
12. 2011, Joint Meeting of the Italian Society of Immunology, Clinical Immunology and Allergology (SIICA) and the German Society for Immunology (DGfI), Riccione (ITALY) [*Selected Abstract for Oral Communication*]
13. 2011, 36th Federation of European Biochemical Societies (FEBS) Congress, Turin (ITALY) [*Selected Abstract for Oral Communication*]
14. 2009, "Biomolecular interactions: current and future technologies" Workshop, University of Manchester Incubator Company (UMIC), Manchester (UK) [*Organizer*]
15. 2008, Wellcome Trust Centre for Cell Matrix Research (WTCCMR) Annual Workshop, Manchester (UK) [*Selected Abstract for Oral Communication*]
16. 2006, 6th International Workshop on C1 and Collectins, Mainz (GERMANY) [*Selected Abstract for Oral Communication*]

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Place and date

Signature

Basiglio (Milan) - August 21st, 2024

Antonio Inforzato