

NADIA BERTOLA

PERSONAL INFORMATION



BIBLIOMETRIC INDEXES

Since: 2021

Publications: 26

Citations: 159

H index: 8

Total Impact Factor: 144.847

<https://orcid.org/0000-0003-4591-3260>

SKILLS

LANGUAGES

- ITALIAN native
- ENGLISH professional (level C1 IELTS certification)
- SPANISH intermediate

DIGITAL

- Excellent use and management of Windows and Apple macOS and basic knowledge of Linux.
- Excellent Office knowledge.
- Excellent knowledge of web browsing and social content management.
- Good hardware management.

JOB-RELATED

Cell cultures (cell lines, primary cells, three-dimensional cell cultures, co-cultures), Western Blot, IHC, ICC, flow cytometry, multi-parametric cytofluorimetry, cell sorting, mass cytometry, nucleic acid extraction and purification, PCR, qPCR, single-cell RNA sequencing, spectrophotometry, luminometry, oximetry, murine models, xenografts, *in vitro* and *in vivo* pharmacological treatments, imaging and data analysis.

ORGANIZATIONAL AND PERSONAL

- Excellent organizational skills
- Excellent laboratory management (set-up, organization, and maintenance of specific work environment)
- Good communication and teaching skills
- Strong sense of duty and responsibility
- Good ability to integrate into new and multicultural environments
- Excellent predisposition to teamwork

WORK EXPERIENCE

MEDICAL RESEARCHER

June 2023 - today | Molecular Pathology Department | IRCCS Ospedale Policlinico San Martino | Genoa

Funding: 5x1000 for the project "*The role of microenvironment in Chronic Lymphocytic Leukemia: identification of new therapeutic targets*".

January - May 2023 | Visiting fellow | Unidad de Innovación Biomédica | CIEMAT | Madrid, Spain

2019 - 2020 | Biotherapies Unit | IRCCS Ospedale Policlinico San Martino | Genoa

Research project: "*Design and evaluation of new STAT3 inhibitors, in vitro and in vivo studies*".

TEACHING

2022 - 2023 | University of Genoa

Academic tutor for the School of Medical and Pharmaceutical Sciences.

2021 - 2022 | University of Genoa

Teaching support in the Specialized Human Anatomy course for the Medical Radiology Imaging Techniques and Radiotherapy degree.

2020 - 2021 | University of Genoa

Thesis and internship supervisor for a student's Biotechnology Bachelor Degree.

SCIENCE DISSEMINATOR

NOV 2019 | Science Festival | Genoa

Science communicator in a workshop for children and teens.

SET 2019 | Fondazione Umberto Veronesi | Collaboration With Federfarma | Milan

Communication project to raise awareness of the importance of prevention in oncology.

RESEARCHER TRAINEE

2017 - 2018 | Electrophysiology Lab | Department of Experimental Medicine | University of Genoa

Practical internship. I was involved in a research project, conducted *in vitro* and *ex vivo*, on the role of diet in the therapy of drug-resistant epilepsies.

2012 - 2016 | Oncology Lab | Giannina Gaslini Hospital, Genoa

Practical internship. I organized and followed the experimental portion of two different oncology research projects on the role of fasting in association or not with traditional chemotherapy, in the *in vitro* treatment of neuroblastoma and melanoma.

EDUCATION

2024 - expected 2028 | Specialization School in Clinical Pathology and Clinical Biochemistry | University of Eastern Piedmont

2020 - 2023 | PhD in Biotechnology in Translational Medicine, Curriculum: Cellular And Molecular Biotechnology | University of Genoa

Research project and thesis: "*Evaluation of metabolic and molecular alterations in Fanconi Anemia*".

2020 | National License for Biologist Professional Practice

2018 | Master's Degree in Medical and Pharmaceutical Biotechnology | University of Genoa

Final grade 107/110.

Experimental thesis: "*Antiepileptic effect of hypoglycemic diet*".

2014 | Bachelor Degree in Biotechnology | University of Genoa

Final grade 97/110.

Experimental thesis: "*Effect of caloric restriction in association with chemotherapy in neuroblastoma therapy*".

GRANT and FUNDIGS

- 2023 - 2025 | P.I. in a 2-year research grant funded by 5x1000 IRCCS Ospedale Policlinico San Martino.
Project: *Ruolo delle citochine della famiglia IL12 e dei suoi recettori nei meccanismi di selezione, sopravvivenza ed espansione delle cellule di Leucemia Linfatica Cronica.*
- 2023 - 2025 | Main co-investigator in a 2-year research grant funded by 5x1000 IRCCS Ospedale Policlinico San Martino. P.I. Dr Zeinab El Rasheb.
Project: *Il ruolo delle mutazioni SF3B1 nello splicing alternativo e la progressione del cancro.*
- 2022 - 2024 | Co-investigator in a 3-year research grant funded by 5x1000 Ospedale Giannina Gaslini. P.I. Dr. Maurizio Miano.
Project: *Approccio multiomico per identificare un comune difetto biochimico a tutte le aplasie midollari.*
- 2022 - 2026 | Co-investigator in a 5-year research grant funded by AIRC. P.I. Prof. Silvia Ravera.
Project: *Investigating Biochemical and Molecular Markers Responsible for Early Aging in Childhood Cancer Survivors.*

PEER-REVIEWED PUBLICATIONS

MicroRNA Profiling as a Predictive Indicator for Time to First Treatment in Chronic Lymphocytic Leukemia: Insights from the O-CLL1 Prospective Study.

E. Nano, F. Reggiani, A. Amaro, P. Monti, M. Colombo, **N. Bertola**, F. Ferrero, F. Fais, A. Bruzzese, E.A. Martino, E. Vigna, N. Puccio, M. Pistoni, F. Torricelli, G. D'Arrigo, G. Greco, G. Tripepi, C. Adornetto, M. Gentile, M. Ferrarini, M. Negrini, F. Morabito, A. Neri, G. Cutrona.

Non-Coding RNA 2024, 10(5), 46; <https://doi.org/10.3390/ncrna10050046>

The Glucose-Glutamine Metabolic Interplay in MCF-7 Cells, a Hormone-Sensitive Breast Cancer Model.

S. Carta, M. Ghelardoni, F. Vitale, S. Ravera, V. Cossu, **N. Bertola**, S. Losacco, J. Martinelli, E. Dighero, M. Riondato, A.M. Orengo, M. Bauckneht, S. Chiesa, G. Sambuceti, C. Marini.

Front. Biosci. (Landmark Ed) 2024; 29(7): 251. DOI: <https://doi.org/10.31083/j.fbl2907251>

Advanced Analysis and Validation of a microRNA Signature for Fanconi Anemia.

E. Cappelli, S. Ravera, **N. Bertola**, F. Grilli, M. Squillario, S. Regis, P. Degan

Genes 2024, 15, 820. DOI: <https://doi.org/10.3390/genes15070820>

Impaired Mitochondrial Function and Marrow Failure in Patients Carrying a Variant in the SRSF4 Gene.

M. Miano*, **N. Bertola***, A. Grossi, G. Dell'Orso, S. Regis, M. Rusmini, P. Uva, D. Vozzi, F. Fioredda, E. Palmisani, M. Lupia, M. Lanciotti, F. Grilli, F. Corsolini, L. Arcuri, M.C. Giarratana, I. Ceccherini, C. Dufour, E. Cappelli, S. Ravera

*These authors equally contributed to this work

International Journal of Molecular Sciences 2024, 25, 2083. DOI: <https://doi.org/10.3390/ijms25042083>

Unexpected Chronic Lymphocytic Leukemia B Cell Activation by Bisphosphonates.

A. N. Mazzarello, E. Gugiatti, V. Cossu, **N. Bertola**, D. Bagnara, S. Carta, S. Ravera, C. Salvetti, A. Ibatice, F. Ghiotto, M. Colombo, G. Cutrona, F. Fais, S. Bruno.

Cancer Immunology, Immunotherapy, 2024, 73:27. DOI: <https://doi.org/10.1007/s00262-023-03588-z>

Terpyridine Functionalized Cyclodextrin Nanoparticles as Carriers for Doxorubicin: Analysis of In Vitro Antiproliferative Activity.

M. Viale, **N. Bertola**, R. Panebianco, G. Vecchio

Anticancer research, 2023 Dec;43(12):5409-5414. DOI: <https://doi.org/10.21873/anticancerres.16744>

Cyclic fasting bolsters cholesterol biosynthesis inhibitors' anticancer activity.

A. Nencioni, A. Khalifa, A. Guijarro, S. Ravera, **N. Bertola**, M.P. Adorni, B. Papotti, L. Raffaghello, R. Benelli, P. Becherini, A.

Namatalla, D. Verzola, D. Reverberi, F. Monacelli, M. Cea, L. Pisciotta, F. Bernini, I. Caffa.

Nature Communications, 2023, 14(1):6951. DOI: <https://doi.org/10.1038/s41467-023-42652-1>; <https://doi.org/10.1038/s41467-023-43184-4>

Crosstalk between the Rod outer segments and retinal pigmented epithelium in the generation of oxidative stress in an in vitro model.

S. Ravera, **N. Bertola**, A. Puddu, S. Bruno, D. Maggi, I. Panfoli

Cells 2023, 12, 2173. DOI: <https://doi.org/10.3390/cells12172173>

Effects of deacetylase inhibition on the activation of the antioxidant response and aerobic metabolism in cellular models of Fanconi Anaemia.

N. Bertola, S. Regis, S. Bruno, A. N. Mazzarello, M. Serra, Michela Lupia, F. Sabatini, F. Corsolini, S. Ravera, E. Cappelli

Antioxidants 2023, 12, 1100. DOI: <https://doi.org/10.3390/antiox12051100>

Plasma-derived Extracellular Vesicles released after endurance exercise exert cardioprotective activity through the activation of antioxidant pathways.

V. Lisi, G. Senesi, **N. Bertola**, M. Pecoraro, S. Bolis, A. Gualerzi, S. Picciolini, A. Raimondi, C. Fantini, E. Moretti, A. Parisi, P. Sgrò, L. Di Luigi, R. Geiger, S. Ravera, G. Vassalli, D. Caporossi, C. Balbi

Redox Biology 63 (2023) 102737. DOI: <https://doi.org/10.1016/j.redox.2023.102737>

Mitochondrial rewiring drives metabolic adaptation to NAD(H) shortage in triple negative breast cancer cells.

A. S. Assuncao Carreira, S. Ravera, C. Zucala, N. Thongona, I. Caffa, C. Astigiano, **N. Bertola**, A. Buongiorno, M. Rocuzzo, A. Bisio, B. Pardini, A. Nencioni, S. Bruzzone, A. Provenzani

Neoplasia 41 (2023) 100903. DOI: <https://doi.org/10.1016/j.neo.2023.100903>

Altered Mitochondrial Dynamic in Lymphoblasts and Fibroblasts Mutated for FANCA-A Gene: The Central Role of DRP1.

N. Bertola, S. Bruno, C. Capanni, M. Columbaro, A.N. Mazzarello, F. Corsolini, S. Regis, P. Degan, E. Cappelli, S. Ravera

International Journal of Molecular Sciences 2023, 24, 6557. DOI: <https://doi.org/10.3390/ijms24076557>

Fundamental Role of Pentose Phosphate Pathway within the Endoplasmic Reticulum in Glutamine addiction of Triple-negative Breast Cancer Cells.

C. Marini, V. Cossu, S. Carta, E. Greotti, D. Gaglio, **N. Bertola**, S. Chiesa, S. Bruno, F. Vitale, M. Bonanomi, D. Porro, M. Riondato, A. M. Orengo, M. Bauckneht, S. Morbelli, S. Ravera, G. Sambuceti

Antioxidants 2023, 12, 43. DOI: <https://doi.org/10.3390/antiox12010043>

Preconditioned mesenchymal stromal cell-derived extracellular vesicles (EVs) counteract inflammaging.

C. Gorgun, C. Africano, M. C. Ciferri, **N. Bertola**, D. Reverberi, R. Quarto, S. Ravera, R. Tasso

Cells 2022, 11, 3695. DOI: <https://10.3390/cells11223695>

Lubeluzole repositioning as chemosensitizing agent on multidrug resistant human ovarian A2780/DX3 cancer cells.

M. Viale, G. Lentini, R. Gangemi, P. Castagnola, G. Milani, S. Ravera, **N. Bertola**, A. Carrieri, M. M. Cavalluzzi

Molecules, 2022, 27, 7870. DOI: <https://10.3390/molecules27227870>

Mutated FANCA gene role in the modulation of energy metabolism and mitochondrial dynamics in Head and Neck Squamous Cell Carcinoma.

N. Bertola, P. Degan, E. Cappelli, S. Ravera

Cells 2022, 11, 2353. DOI: <https://doi.org/10.3390/cells11152353>

Identification of Novel NAPRT Inhibitors with Anti-cancer Properties by in silico Drug Discovery.

M.S. Ghanem, I. Caffa, A. Del Rio, J. Franco, M.D. Parenti, F. Monacelli, M. Cea, A. Khalifa, A. Nahimana, M.A. Duchosal, S. Ravera, **N. Bertola**, S. Bruzzone, A. Nencioni, F. Piacente

Pharmaceuticals 2022, 15(7), 848. DOI: <https://doi.org/10.3390/ph15070848>

Terpyridine functionalized cyclodextrin nanoparticles: metal coordination for tuning anticancer activity.

R. Panebianco, M. Viale, **N. Bertola**, F. Bellia, G. Vecchio

Dalton Transactions, 2022 Mar 29;51(13):5000-5003. DOI: <https://doi.org/10.1039/d2dt00613h>

High glucose impairs expression and activation of MerTK in ARPE-19 cells.

A. Puddu, S. Ravera, I. Panfoli, **N. Bertola**, D. Maggi.

International Journal of Molecular Sciences, 2022: 23(3), 1144. DOI: <https://doi.org/10.3390/ijms23031144>

A multidrug approach to modulate the mitochondrial metabolism impairment and relative oxidative stress in Fanconi Anemia complementation group A.

E. Cappelli*, **N. Bertola***, S. Bruno, P. Degan, S. Regis, F. Corsolini, B. Banelli, C. Dufour, S. Ravera.

*These authors equally contributed to this work

Metabolites, 2022: 12(1), 6. DOI: <https://doi.org/10.3390/metabo12010006>

808-nm photobiomodulation affects the viability of a head and neck squamous carcinoma cellular model, acting on energy metabolism and oxidative stress production.

S. Ravera*, **N. Bertola***, C. Pasquale, S. Bruno, S. Benedicenti, S. Ferrando, A. Zekiy, P. Arany, A. Amaroli.

*These authors equally contributed to this work

Biomedicines, 2021: 9(11), 1717. DOI: <https://doi.org/10.3390/biomedicines9111717>

Cyclodextrin Polymers as Delivery Systems for Targeted Anti-Cancer Chemotherapy.

N. Bognanni, M. Viale, A. Distefano, R. Tosto, **N. Bertola**, F. Loiacono, M. Ponassi, D. Spinelli, G. Pappalardo, G. Vecchio.

Molecules, 2021: 26(19), 6046. DOI: <https://doi.org/10.3390/molecules26196046>

The hormetic effect of Metformin: "less is more"?

I. Panfoli, A. Puddu, **N. Bertola**, S. Ravera, D. Maggi.

International Journal of Molecular Sciences, 2021, 22(12):6297. DOI: <https://doi.org/10.3390/ijms22126297>

Blocking metabotropic glutamate receptor 5 by the negative allosteric modulator CTEP improves disease course of ALS in SOD1 G93A mice.

M. Milanese, T. Bonifacino, C. Torazza, F. Provenzano, M. Kumarp, S. Ravera, A.R. Zerbo, G. Frumento, M. Balbi, N. Nguyen, **N. Bertola**, S. Ferrando, M. Viale, A. Profumo, B. Giambattista.

British Journal of Pharmacology, 2021:1–18. DOI: <https://doi.org/10.1111/bph.15515>

Exploring Charged Polymeric Cyclodextrins for Biomedical Applications.

N. Bognanni, F. Bellia, M. Viale, **N. Bertola**, G. Vecchio.

Molecules, 2021, 26:1724. DOI: <https://doi.org/10.3390/molecules26061724>

Polypyridine ligands as potential metallo- β -lactamase inhibitors.

L. La Piana, V. Viaggi, L. Principe, S. Di Bella, F. Luzzaro, M. Viale, **N. Bertola**, G. Vecchio.

Journal of Inorganic Biochemistry, 2020, 215:1113152. DOI: <https://doi.org/10.1016/j.jinorgbio.2020.111315>

PEER-REVIEWED PROCEEDINGS OF MEETINGS

Early Aging in Childhood Cancer Survivor: role of mitochondrial dynamics and antioxidant defenses.

V. Cossu, **N. Bertola**, F. Sabatini, C. Fresia, S. Ravera

77th SIAI Congress, the 77th Congress of the Italian Anatomy and Histology Association – 12-14 September 2024 – Genova, Italy

The role of the Pentose Phosphate Pathway in Chronic Lymphocytic Leukemia and its contribution to chemotherapy resistance.

V. Cossu, A. N. Mazzarello, **N. Bertola**, F. Ferrero, D. Bagnara, F. Ghiotto, F. Fais, S. Ravera, S. Bruno

77th SIAI Congress, the 77th Congress of the Italian Anatomy and Histology Association – 12-14 September 2024 – Genova, Italy

Notch1 orchestrates metabolic reprogramming to drive proliferation in a novel cellular model of Chronic Lymphocytic Leukemia.

A. Fasci, S. Seghezzi, N.A. Pesce, M. Rovere, **N. Bertola**, F.E. Vallone, F. Arruga, S. Ravera, J. Paggetti, T. Vaisitti, S. Deaglio

11th ISCaM meeting – 3-5 July 2024 – Brussels, Belgium

Effects of the chemopreventive polyphenol "CURcumin" and its derivative "VANillin" on tumor-associated inflammation and metabolism.

Z. El Rashed, U. Pfeffer, **N. Bertola**, S. Ravera

58th Annual Scientific Meeting of the European Society for Clinical Investigation – 5-7 June 2024 – Barcelona, Spain

Inibizione delle deacetilasi in modelli cellulari di Anemia di Fanconi: effetti sulle risposte antiossidanti e sulla morfologia e funzionalità del mitocondrio.

V. Cossu, **N. Bertola**, S. Regis, S. Bruno, A. N. Mazzarello, E. Cappelli, S. Ravera

"MorFuture: studi di morfologia tra tradizione e innovazione" 1st Congress of the young committee of Morphology's friends - 12-13 April 2024 – Turin, Italy

The potential role of the Pentose Phosphate Pathway in Chronic Lymphocytic Leukemia disease and chemotherapy resistance.

V. Cossu, A.N. Mazzarello, **N. Bertola**, F. Ferrero, S. Bruno, I. Panfoli, S. Ravera

7th World Congress on Cancer Research and Therapy - International Virtual Congress, 19-20 January 2024

Role of IL12-Family Cytokines and Their Receptors in the Mechanisms of Selection, Survival, and Expansion of Chronic Lymphocytic Leukemia Cells.

N. Bertola, M. Cardillo, M. Colombo, S. Matis, D. Reverberi, R. Massara, C. Capra, A. Ibatci, E. Angelucci, F. Morabito, F. Fais, M. Ferrarini, S. Ravera, G. Cutrona

8th annual meeting – Nex technologies and strategies to fight cancer – Alliance Against Cancer – 27-29 October 2023, Genoa, Italy

Mouse models for head and neck squamous cell carcinoma in Fanconi anemia.

R. Errazquin, A. Page, S. Del Marro, C. Segrelles, **N. Bertola**, C. Lorz, J. Peral, J. Ortiz, A. Bravo, A. Ramirez, R. Garcia-Escudero

35th annual FA Scientific Symposium - Fanconi Anemia Research Fund, 28th September - 1st October, Vancouver, Canada

Deacetylases inhibition in cellular models of Fanconi Anemia: effects on antioxidant responses and on mitochondrial network.

V. Cossu, **N. Bertola**, S. Regis, S. Bruno, A.N. Mazzarello, M. Serra, M. Lupia, F. Sabatini, F. Corsolini, E. Cappelli, S. Ravera

76th National Congress – Italian Society of Anatomy and Histology, 11-13 September 2023, Modena, Italy

Exercise-stimulated extracellular vesicles promote cardiomyocyte pro-survival programming in a redox-dependent manner.

V. Lisi, **N. Bertola**, S. Ravera, S. Bolis, M. Pecoraro, E. Moretti, R. Geiger, P. Sgrò, L. Di Luigi, A. Parisi, G. Vassalli, C. Balbi, D. Caporossi

Congress special issue: Free Radical Biology and Medicine, Volume 201, Supplement 1, 20 May 2023, Page 31.

DOI: <https://doi.org/10.1016/j.freeradbiomed.2023.03.194>

Redox Biology in Translation Congress 2023, 6-9 June 2023, Vienna, Austria

Toward a new tolerogenic strategy: dendritic cells educated upon specialized pro-resolving mediators as possible therapeutic agents in neuroinflammation.

G. Ferrara, M. Bottero, F. Loiacono, G. Pessina, N. Iraci, S. Ravera, **N. Bertola**, V. Chiurchiù, T. Vigoa, N. Kerlero de Rosbo, A. Uccelli

International Symposium on Trained Immunity, 29-31 May 2023, Naples, Italy

Study of angiogenic potential and oxidative metabolism in mesenchymal stromal cells derived from Shwachman-Diamond syndrome patients.

C. Gervasoni, A. M. Giussani, **N. Bertola**, E. Dander, A. Biondi, P. Corti, P. Farruggia, G. Menna, M. Cipolli, V. Bezzetti, A. Pegoraro, S. Cesaro, C. Dufour, E. Cappelli, S. Ravera, G. D'amico

Blood, 2022, 140, 5822-5823, Supplement 1 – DOI: <https://10.1182/blood-2022-166100>

64th American Society of Hematology Annual Meeting & Exposition, 10-13 December 2022, New Orleans, USA

Molecular Docking shows the ability of polyphenols and terpenoids to bind the F1 moiety of the ATP-synthase.

N. Bertola, L. Carlini, A. Esposito, S. Benini, S. Ravera, I. Panfoli

Mitochondrial Medicine: Therapeutic Developments 2022 - VIRTUAL event, 21-23 November 2022

Impaired energy metabolism in Fanconi Anemia: role of imbalanced mitochondrial dynamics.

N. Bertola, P. Degan, C. Capanni, E. Cappelli, S. Ravera

Mitochondrial Medicine: Therapeutic Developments 2022 - VIRTUAL event, 21-23 November 2022

Defects in mitochondrial biogenesis and dynamics in FANC-A lymphoblasts and fibroblasts.

N. Bertola, P. Degan, S. Bruno, C. Capanni, E. Cappelli, S. Ravera

13th World Annual Meeting on Targeting Mitochondria, 26-28 October 2022, Berlin, Germany.

Analisi del metabolismo ossidativo delle cellule stromali mesenchimali di pazienti affetti da sindrome di Shwachman-Diamond (SDS) e nuove strategie terapeutiche.

C. Gervasoni, A.M. Giussani, **N. Bertola**, E. Dander, A. Biondi, P. Corti, S. Bresolin, P. Faruggia, G. Menna, M. Cipolli, A. Pegoraro, S. Cesaro, C. Dufour, E. Cappelli, S. Ravera, G. D'amico

XLVII National Congress AIEOP, 10-12 October 2022, Turin, Italy.

Dendritic cells educated through exposure to specialized pro-resolving mediators acquire a tolerogenic phenotype.

G. Ferrara, M. Bottero, F. Loiacono, N. Iraci, **N. Bertola**, S. Ravera, V. Chiurchiù, N. Kerlero de Rosbo, A. Uccelli

5th BraYn Congress, 28-30 September 2022, Rome, Italy.

Fanconi Anemia-associated head and neck squamous cell carcinoma morphologic and metabolic mitochondrial characterization: search for new potential therapeutic targets.

N. Bertola, E. Cappelli, P. Degan, S. Ravera

FEBS Open Bio, 2022, Volume 12, 80-81, Supplement 1, Special Issue Meeting Abstract, P-01.1-033

DOI: <https://10.1002/2211-5463.13440>

46th Biochemistry Global Summit, IUBMB-FEBS-PABMB, 9-14 July 2022, Lisbon, Portugal.

Functional cooperation between the B Cell Receptor and NOTCH1 in driving metabolic adaptation of Chronic Lymphocytic Leukemia cells.

N. A. Pesce, M. Rovere, **N. Bertola**, N. Vitale, S. Ravera, F. Arruga, S. Deaglio

9th annual ISCAM meeting, 29th June - 2nd July 2022, Turin, Italy.

Metabolic features and dependencies of Richter's Syndrome cells open for novel targeting strategies.

A. Iannello, **N. Bertola**, A. Albano, C. Lavarello, N. Grinovero, F. Arruga, N. Vitale, S. Bruno, A. Petretto, S. Deaglio, S. Ravera, T. Vaisitti

9th annual ISCAM meeting, 29th June - 2nd July 2022, Turin, Italy.

Early Aging in Childhood Cancer Survivor: Investigation of Biochemical and Molecular Markers.

N. Bertola, M. Podestà, T. Vigliarolo, S. Bruno, F. Morandi, D. Marimpietri, F. Sabatini, M. Dagnino, A. Petretto, M. Bartolucci, M. Muraca, E. Biasin, R. Haupt, M. Zecca, F. Fagioli, D. Cilloni, F. Frassoni, S. Ravera

Healthy Ageing 2022 - VIRTUAL event, 25-27 May 2022.

Dendritic cells educated through exposure to specialized pro-resolving mediators acquire a tolerogenic phenotype.

G. Ferrara, M. Bottero, F. Loiacono, N. Iraci, **N. Bertola**, S. Ravera, V. Chiurchiù, N. Kerlero de Rosbo, A. Uccelli

30th AINI Congress, 16-19 May 2022, Riccione, Italy.

A multidrug approach to modulate the mitochondrial metabolism impairment in Fanconi Anemia.

N. Bertola, E. Cappelli, S. Bruno, P. Degan, F. Corsolini, B. Banelli, C. Dufour, S. Ravera

Mitochondrial Medicine: Therapeutic Developments 2021 - VIRTUAL event, 31 November - 2 December 2021