

PERSONAL INFORMATION



Donato Zipeto

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Sex M | Date of birth 24/01/1966 | Nationality Italian

WORK EXPERIENCE

Since October 2025
From 2014 to 2025
From 2002 to 2014

ERC panels: LS6_5 Biology of Pathogens; LS2_2 Gene editing
Full Professor in Molecular Biology, University of Verona, Italy
Associate Professor in Molecular Biology, University of Verona, Italy
Assistant Professor in Molecular Biology, University of Verona, Italy

Teaching duties

- Molecular Biology, Faculty of Medicine (2022 to the present)
- Molecular Virology and gene therapy, Dept. of Biotechnology 2010 to the present)
- Pharmacogenomics and gene therapy, Dept. of Biotechnology (2011-2014)
- Human Retroviruses: HIV and AIDS, Faculty of Medicine (2010-2022)
- Zoonosis and Emerging Viruses, Faculty of Medicine (2014-2023)
- Science introduction to the medical profession (Faculty of Medicine)
- Specialization Schools in the Health Area: Clinical Pathology and Biochemistry, Infectious and Tropical Diseases, Sport and Exercise Medicine
- PhD School in Life and Health Sciences, PhD in Applied Life and Health Sciences (from 2013 to the present), Biosciences (2007-2012), Genomics applied to Health (2003-2006)

International activities as evaluator

- 2025: Expert evaluator, HaDEA/UE, call EU4H-2024-PJ-03
- 2024: Expert evaluator, HaDEA/UE, HORIZON- HLTH-2024-DISEASE-03-14-two-stage, Stage 2
- 2024: Expert evaluator, REA/UE, HORIZON-JU-GH-EDCTP3-2024-01-01-two-stage, Stage 1
- 2024: Expert evaluator, HaDEA/UE EU4Health – Jas 3rd Wave 2023
- 2023: Expert evaluator, HaDEA/UE, HORIZON-HLTH-2024-DISEASE-03-14-two-stage, Stage 1
- 2023: Expert evaluator, REA/UE, HORIZON-MSCA-2023-PF-01-01
- 2023: Expert evaluator, HaDEA/UE, HORIZON-HLTH-2023-DISEASE-03-07
- 2021-2022: Expert evaluator, European Commission, REA, Horizon Europe, MSCA-PF-01
- 2015-2020: Expert evaluator, European Commission, REA, H2020-HSCA-IF, LIF Panel
- 2020: Project expert evaluator, Latvian Council of Science
- 2016-2017: post-project evaluator, Baltinfect Project, Riga Stradina University, Riga (LV)
- 2014-2021: GHIT Fund Reviewer and evaluator, Japanese R&D for Global Health
- 2014: Expert evaluator, European Commission, H2020-PCH-2014-two-stage (01, 03, 17, 18, 22)
- 2010-2014: Expert evaluator, European Commission, REA, FP7-PEOPLE, Life Panel
- 2009: Evaluator NHLS Research Trust Grant
- 2002-2003: Assistant/Coordinator, European and Developing Countries Clinical Trials Partnership (EDCTP), Milestone 4

Academic institutional duties

- 2025-2026: Rector's delegate for Student Community and Campus Life
- 2018-2021 and 2021-2024: Delegate of the Associate Professors of the macro-area "life and health sciences", Academic Senate of the University of Verona; member of the Building and Spaces Commission
- 2015-2018: Associate Professors Delegate in the Department Council, Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona
- 2010-2014: Delegate of the Assistant Professors, Faculty of Medicine, Academic Senate; Member of the Research Commission; Member of the Commission for Economic and Structural Resources, Faculty of Medicine, University of Verona

From 1999 to 2001

Associate Researcher, "Poste Rouge" CNRS
ANRS Research Fellow - IPBS-CNRS, Toulouse, France
Participation in the Start-up Biotech Company "GeneINTEL", France

From 1997 to 1998

Research Fellow - Unité D'Immunologie Virale, Department des Retrovirus et du SIDA, Institut Pasteur, Paris, France - Marie Curie" Research Training Grant, European Commission

From 1993 to 1996 Research Fellow - Center for AIDS Research (CFAR), Stanford University California, USA: Italian Ministry of Health, AIDS Fellowship (1993-1994) and Stanford University Medical Center (1995-1996)

From 1989 to 1992 Research Fellow - IRCCS Policlinico S. Matteo, Pavia, Italy and IGBE-CNR, Pavia, Italy
Research Fellow, Italian Ministry of Health, AIDS Fellowship (1992-1993)

EDUCATION AND TRAINING

July 2024 Italian national scientific habilitation (ASN) as full professor, sector Molecular Biology - GSD 05/BIOS-08, SSD BIOS-08/A (previous SC E5/02 and SSD BIO/11)
December 2023 Italian national scientific habilitation (ASN) as full professor, sector Microbiology and Clinical Microbiology – GSD 06/MEDS-03, SSD MEDS-03/A (previous SC 06/A3 and SSD MED/07).
November 1996 PhD Fellow in Infectious Diseases, Stanford University, California, USA
December 1990 National Examination – Qualification as Biologist, University of Pavia, Italy
September 1989 Degree in Biological Sciences (summa cum laude, 110L), University of Pavia, Italy

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C2	C1	C1	C2
French	C2	C2	C1	C1	A2

Technical and Digital skills

- Professional: Virology, Molecular and Cell Biology, Immunology
- Computer: programming languages C; Operating Systems Unix, Linux, Mac OSX, Windows, Bioinformatics, Word Processing, Database analysis, Statistical analysis
- 1991 Development of a computer program to calculate PCR parameters, distributed by M-Medical Genenco, Florence, Italy

Organizational / managerial skills

Principal Investigator, Research Group leader since 2003

Personal Research Grants, Fellowships and Prizes:

- 2023: Bando PRIN 2022, Research Unit Coordinator, Project: "Fine definition of systemic and mucosal response in SARS-CoV-2 vaccinated subjects", Ministry of University and Research (Italian Ministry of University and Research)
- 2020: Brain Research Foundation Verona, project "Neurotropism of SARS-CoV-2: virological, cellular, molecular and pathogenetic aspects".
- 2019: Gilead Fellowship Program Grant, project "HIV-associated neurocognitive disorders: a clinical, virological and immunological approach to early definition of biomarkers".
- 2011: 6th FP, "Analysis of the interaction between HLA-C and HIV-1 Env". European Commission EUROPRISE Innovation Award
- 2007-2011: 6th FP, "European Vaccines and Microbicides Enterprise". European Commission EUROPRISE Project
- 2007: "Azione Concertata per lo sviluppo di un vaccino contro HIV/AIDS". National AIDS Research Program ISS (ICAV), Ministry of Health, Italy. 45G.41
- 2005: "Induction of broad-spectrum neutralizing antibodies against human immunodeficiency virus (HIV) toward a vaccine against AIDS". Scientific Research Program 2005, Cariverona Foundation
- 2004: "Vaccine development and Selection". National AIDS Research Program ISS, Ministry of Health, Italy. 45F.45

Grants as research group member:

- 2023: Grant Fondazione Cariverona "Bando Ricerca e Sviluppo 2023" – Title of the project: "Formulazione di un detergente nanofluido ecologico e implementazione di analisi microbiologiche per abbattere l'impatto ambientale di termodisinfezioni per dispositivi biomedicali"
- 2022-2025: Hub-Spoke PNRR MNESYS (A multiscale integrated approach to the study of the nervous system in health and disease)
- 2018: Protein Network of the Synaptic Compartment in an in vitro model of Infantile Neuronal Ceroid Lipofuscinosis. Joint Project, University of Verona/IRCCS Fondazione Stella Maris.
- 2017: Production of lymphocyte lines engineered with the CRISPR System for the study of lymphoproliferative

- diseases (LimphoCRISPR), Joint Project, University of Verona/Istituto Oncologico Veneto.
- 2010: Project RSF 300/09, "New approaches for the treatment of cystic fibrosis by gene and cell therapy", Veneto Region, 2010.
- 2010: Italian Ministry of Health, AIDS Research Program: "HLA-C and HIV-1: from the structural biology of the interaction between HLA-C and gp120 to the development of a novel bimodal vaccine inducing antibodies that prevent viral entry and trigger NK cells antiviral activity". ISS40H92.
- 2005: Italian Ministry of Health, AIDS Research Program: "Influence of HTLV-II coinfection on HIV-1 disease progression".
- 2005: Fondazione Cariverona: "Study of the influence of human oncogenic retroviruses "Human T-cell Leukemia Virus" (HTLV) on the pathogenetic processes induced in hematopoietic cells and the role of human cytomegalovirus on the onset of adenocarcinoma in humans".
- 2002: Italian Ministry of Health, AIDS Research Program "Cryptic and conformational epitopes of gp120: use of molecular complexes between gp120 and cellular proteins to induce cross-neutralizing antibodies".

Supervisor	Rapporteur, co-tutor and tutor for thesis and doctoral thesis (9 PhD, 10 master's, 1 medical postgraduate specialization, 12 bachelor's) • PhD in Applied Life and Health Sciences, University of Verona • PhD in Biosciences, University of Verona • PhD in Biosciences, University of Verona, co-tutored with La Laguna University, Tenerife, Spain • PhD in Genomics applied to Health, University of Verona • PhD in Biomolecular Sciences, University of Trento • PhD in Molecular Medicine, University "Vita-Salute San Raffaele, Milan • PhD in Clinical and Experimental Biomedical Sciences, University of Milan • Master degree in Bioinformatics and Medical Biotechnology, University of Verona • Master degree in Health Biology, Faculty of Science, University of Padua • Bachelor in Biotechnology, Department of Biotechnology, University of Verona • Bachelor in Agroindustrial Biotechnology, University of Verona • Bachelor in Biology Sciences, University of Rome "La Sapienza" • Métrise Biochimie, Orientation Technologies Biologiques, Université Paul Sabatier Toulouse, France/Freien Universität Berlin, Germany
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PhD defense committee participations	Commission for the Final Examination of the PhD Schools: • « Genetics, Molecular and Cellular Biology », University of Pavia, 9.1.2020 • « Biotechnology applied to Medical Sciences », University "Vita-Salute San Raffaele, Milan", 20.12.2020 • « Genetics, Molecular and Cellular Biology », University of Pavia, 27.3.2020
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INVITED LECTURES

- "Development of SARS-CoV-2 IgM after vaccination predicts longer immunity and lower frequency of infection". International Pathology Conference, "Victor Babes" Institute, Bucharest, Romania, November 18, 2022.
- "Response to vaccination in naïve versus previously SARS-CoV-2 infected subjects". PDI 2021, Iasi, Romania, July 24, 2021.
- "Response to vaccination in naïve versus previously SARS-CoV-2 infected subjects". Commisariat à l'énergie atomique et aux énergies alternatives (CEA) Fontenay-aux-Roses, France, 18 June 2021.
- "Vaccine research and testing, up to the Sars-Cov-2 vaccine", Segretariato Italiano Studenti in Medicina (SISM), 21 April 2021.
- "Is Cross-Reactive Immunity Triggering COVID-19 Immunopathogenesis?" 49th Conference of the Immunology Society, 3 October 2020, Bucharest, Romania.
- "CRISPR/Cas9: potential, issues and prospects". Department of Biological Sciences, Cyprus University, February 19, 2020; Nicosia, Cyprus.
- "HLA-C stability and HIV-1 associated neurocognitive disorders: a missing piece of the pathogenetic puzzle?". 3rd International Congress Pharmacogenomics and Personalized Diagnosis and Therapy, January 11, 2020, Athens, Greece.
- "HIV-1 and HLA-C: a matter of stability (HIV-1 și HLA-C: o chestiune de stabilitate)". The 48th Conference of the Romanian Society of Immunology, September 19, 2019, Bucharest (Romania)
- "HIV-1 and HLA-C relationship: a matter of Stability". 3rd National Congress of the Italian Society of Virology, Padua (Italy), September 12, 2019.
- "HLA-C and HIV-1: a Matter of Stability". International Conference on Immunity and Immunochemistry iChem-2019, San Francisco (USA), July 2, 2019.
- "New applications of the genome editing techniques to discover bone pathways". Summer School "The basic of bone in health and disease" 2nd edition, University of Verona, 17-21 September 2018.
- "New applications of the genome editing techniques to discover bone pathways". Summer School "Bone across the life span: function, dysfunction and therapy". University of Verona, 2-6.10.2017.
- "CRISPR/Cas9 as a tool for the study of the interactions between viruses and host". The Present and future of genome editing. 9 June 2017, UMG Campus, Catanzaro, Italy.
- "CRISPR/Cas9 as a tool for the study of the interactions between viruses and host". Dermatologic Spring In Iasi – HPV Symposium, 30.3.2017-1.4.2017, Iasi, Romania.
- HLA-C and HIV-1: friends or foes?" CIBIO-University of Trento (Italy), 12 April 2013.

- "HIV-1 Env and HLA-C association is selective for heavy chains open conformers and excludes $\beta 2m$ ". 4C Meeting, St. George's Hospital, London (UK), 8 April 2013.
- "HIV-1 Env associates with HLA-C open conformers and transports HLA-C on the cell membrane". Workshop on HLA-C and HIV – Villa La Collina, Cadenabbia (Como), 9-11 July 2012.
- "HIV-1 Env glycoprotein and HLA-C associate and increase HIV-1 infectivity" Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Prague (Czech Republic), 17 November 2011.
- "HLA-C increases HIV-1 infectivity: a potential target for therapeutic intervention?". Istituto di Genetica Molecolare del CNR, Pavia, 18 January 2011.
- "HLA-C increases HIV-1 infectivity by interacting with the envelope glycoprotein gp120" Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Lisbon (Portugal), 18 November 2010.
- "Fusion complexes and CD4-independent Env for the induction of broad spectrum neutralizing antibodies against HIV-1". 12th Annual International Meeting of the Institute of Human Virology, Tropea (Italy), 6 October 2010.
- "HLA-C increases HIV-1 infectivity: a potential target for therapeutic intervention?". Facultad de Medicina, Universidad de La Laguna, Tenerife, Spain, 28 May 2010.
- "Broad spectrum neutralizing antibodies against HIV-1 elicited by immunizing with fusion complexes and CD4-independent gp120/41s". Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Budapest (HU), 16 November 2009.
- "Broad spectrum neutralizing antibodies against HIV-1 elicited by immunizing with fusion complexes". 11th Annual International Meeting of the Institute of Human Virology, Baltimore (USA), September 11, 2008.
- "Fusion complexes as immunogens for the induction of broad spectrum neutralizing antibodies against HIV-1". Rational Design of HIV Vaccines and Microbicides, Europrise, Novartis Siena (Italy), 22 November 2007.
- "New immunogens to elicit broad spectrum neutralizing antibodies against HIV-1". Département de Virologie, Institut Pasteur, Paris (France) 2 October 2007.
- "HLA class I increases the efficiency of fusion between the HIV-1 envelope and the target cell membrane and is part of the fusion complex between the gp120/gp41 and the cellular receptors". 8th ECEAR 2006 Conference, Naples (Italy), 27 May 2006.
- "Fusion complexes and CD4-independent gp120s for the induction of HIV-1 neutralizing antibodies". 2005 International Meeting of the Institute of Human Virology, Baltimore (USA) 1 September 2005.
- "Induction of HIV neutralizing antibodies using fusion complexes". Institut Pasteur, Paris (France) 14 June 2005.
- "Induction of HIV neutralizing antibodies using fusion complexes". Scientific Workshop "HIV and vaccines: from basic science to human clinical trials". Research & Progress Foundation, Catania, 7-8 May 2005.
- "Induction of HIV-1 neutralizing antibodies by fusion complexes." 2004 International Meeting of the Institute of Human virology, Baltimore (USA) 3 November 2004.
- "Induction of human immunodeficiency virus (HIV) broad spectrum neutralizing antibodies with fusion complexes.". 4th National Congress of The Italian Society of Virology, Orvieto (Italy) September 22, 2004.
- "Fusion complexes as broad spectrum anti-HIV vaccine" – 2003 International Meeting of the Institute of Human Virology, Baltimore, USA, 3 October 2003.
- "Analisi dei cambiamenti conformazionali nella gp120/gp41 del virus HIV nel corso della fusione membranaria per lo sviluppo di un vaccino a largo spettro contro HIV" – Università di Verona, Italy, 20 September 2001.
- "HIV entry: a possible target for a vaccine?" – IRBM (Merck), Pomezia (Rome), Italy, 16 May 2001.
- "HIV entry: a possible target for a vaccine?" – DIBIT S. Raffaele, Milan, Italy, 22 May 2001.
- "Development of an anti-HIV vaccine" – IPBS-CNRS, Toulouse, 30 November 30 2000.
- "Interactions between human cytomegalovirus and chemokines" - ROCHE, Basel (Switzerland), 14 Nov 1997.
- "Interactions between human cytomegalovirus and chemokines" - TRANSGENE, Strasbourg (France), 29 September 1997.
- "Human cytomegalovirus infection induces chemokines and chemokines receptors" - I.G.B.E.-C.N.R. - D.G.M., Pavia (Italy), 17 July 1997.
- "Human Cytomegalovirus (CMV) DNA in plasma reflects the quantity of CMV DNA present at cellular sites but not symptomatic disease" - Department du SIDA et des Retrovirus, Pasteur Institut, Paris (France), 2 December 1994.
- "HCMV presence in plasma correlates with presence of virus in leukocytes but not with clinical symptoms" - I.G.B.E.-C.N.R., Pavia (Italy), 23 November 1994.
- "Quantification of HCMV DNA in leukocyte cells from immunocompromised patients by mean of Polymerase chain reaction" - Interdepartmental Center for Biotechnologies, University of Ferrara (Italy), 7 October 1992.
- "Use of PCR for Virological diagnosis" - Course "New Laboratory Technologies, 1991" - Modena (Italy), 20 March 1991.
- "Synthetic Oligonucleotides for Virological diagnosis" - Biological Chemistry Institute, Ferrara (Italy), 12 December 1990.
- "Use of PCR for the diagnosis of human Cytomegalovirus" - Istituto Zooprofilattico della Lombardia e dell'Emilia, Brescia (Italy), 19 April 1990.

COURSES

- General OSH training course for Workers (Corso di formazione generale sulla SSL per Lavoratori ai sensi art. 37 D.Lgs. 81/08) – January 27, 2025.
- "Theory and practical course on digital microscopy". University of Verona, May 11, 2004.
- Module "Projet d'innovation technologique" – Ecole Supérieure de Commerce, UPS Toulouse (France), June 1-11, 1999.
- Bioinformatic classes (sequence analysis, comparisons, phylogenetic, alignments, motifs, Markov's models, GCG, etc.), Institut Pasteur Paris (France), October 16-December 16, 1998.
- Computer classes (Network, HTML, Shell, UNIX). Institut Pasteur Paris (France), October 2-17, 1997.
- "New advances in gene cloning and expression". Paris (France), June 20, 1997.

- Evaluation and management of AIDS-related CMV - Palo Alto, CA (USA), December 2, 1996.
- Computer Applications in Molecular Biology - Stanford University, CA (USA), April 3 - June 5, 1996.
- "1983-1993: 10 years of PCR – Milan (Italy), DIBIT - Ospedale S. Raffaele, April 23, 1993.
- PCR: new applications and future development – Padua (Italy), "A. Vallisneri" Center, September 24, 1992.
- Computer applications in Molecular Biology - I.C.G.E.B.-U.N.I.D.O., Trieste, July 13-24, 1992.
- "AIDS 1992" - A.M.C.L.I., Milan (Italy), April 9, 1992.
- PCR afternoon – Milan (Italy), "San Raffaele" Hospital, March 23, 1992.
- Scientific and organization problems for the diagnostic application of Polymerase chain reaction - A.M.C.L.I. (Italian Medical and Clinical Association), Genoa (Italy), December 11-12, 1991.
- New perspective for the use of DNA probes in laboratory - University of Brescia (Italy), April 29-30, 1991.
- Over PCR: new methodologies for genetic analysis and biomedical research – Verona (Italy), Biological Sciences Institute, February 22, 1991.
- Applications of Polymerase Chain Reaction (PCR) in immunology – Milan (Italy), M. Negri Institute, April 3, 1990
- Theory and Practice Course on the use of DNA amplification by mean of Polymerase Chain Reaction – Milan (Italy), M. Negri Institute, October 3, 1989.

CONFERENCES

- SIBBM 2025 Frontiers in Molecular Biology. 17-19 June 2025, Naples, Italy.
- SIBBM 2024 Frontiers in Molecular Biology. 17-19 June 2024, Trento, Italy.
- 3rd International Congress Pharmacogenomics and Personalized Diagnosis and Therapy, January 10-12, 2020, Athens, Greece.
- The 48th Conference of the Romanian Society of Immunology, September 19, 2019, Bucharest (Romania)
- 3rd National Congress of the Italian Society of Virology, September 10-12, 2019, Padua (Italy).
- International Conference on Immunity and Immunochimistry iChem-2019, San Francisco (USA), July 1-3, 2019.
- The future of cancer therapy: the genome editing era. 8-9 June 2017, UMG Campus, Catanzaro, Italy.
- Dall'esoma per tutti al genoma di tutti. Il sequenziamento dei genomi in italia: progetti in corso e prospettive –Palazzo della Gran Guardia, Verona, 19 April 2017.
- Dermatologic Spring In Iasi – HPV Symposium, 30.3.2017-1.4.2017, Iasi (Romania).
- 58th Annual Meeting of the Italian Cancer Society. Verona, September 5-8, 2016
- International Symposium on "Resolving Cancer Heterogeneity" – Verona, 30.6-2.7.2016
- "Pharmacogenetics & Global Health – University of Verona, March 21, 2014.
- "Pharmacogenetics & Global Health – University of Verona, March 15, 2013.
- Workshop on HLA-C and HIV – Villa La Collina, Cadenabbia, Como (Italy), 9-11 July 2012.
- Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Prague (CZ), 14-17 November 2011.
- 13th Annual International Meeting, Institute of Human Virology, Baltimore (USA), October 30-November 2, 2011.
- Antibodies Beyond Binding". Europrise/University of Strasbourg, France, 31 May-1 June 2011.
- Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Lisbon (P), 15-18 November 2010.
- 12th Annual International Meeting of the Institute of Human Virology, Tropea (Italy), October 4-8, 2010
- Workshop "B cell immunity and HIV". Europrise/HSR, San Raffaele Scientific Institute, Milan, Italy, 10-11.6. 2010.
- Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Budapest (HU), 15-18 November 2009.
- 25 years after discovering HIV as the cause of AIDS. University of Maryland School of Medicine, Baltimore (USA), May 9-11, 2009.
- GSK Vaccines: from innovation to implementation. GlaxoSmithKline, Verona (Italy), December 5-6, 2008.
- Rational Design of HIV Vaccines and Microbicides – Europrise Network Annual Conference, Malta, 10-13 November 2008.
- 11th Annual International Meeting of the Institute of Human Virology, Baltimore (USA), September 11-13, 2008.
- 25 Years of HIV. Institut Pasteur, Paris (France), May 19-21, 2008.
- Rational Design of HIV Vaccines and Microbicides, Europrise, Novartis Siena (Italy), November 21-22, 2007.
- Early Steps of the Virus Life Cycle: Molecular and Cellular Insight. Conference, Institut Pasteur, Paris, France, 4-5 October 2007.
- Rational Design of HIV Vaccines and Microbicides, The Nobel Forum, Karolinska Institute, Stockholm, Sweden, 10-12 June 2007
- International Workshop "Viruses, Genes and Cancer", Venice (Italy), 22-23 March 2007.
- 2006 International Meeting of the Institute of Human Virology, Baltimore (USA) November 16-22 2006.
- 8th ECEAR 2006 Conference, Naples (Italy) May 26-28, 2006.
- HERN Meeting 2006, Verona (Italy), 19-21 May 2006.
- 5th National Congress of the Italian Society of Virology (SIV), Orvieto (Italy), September 19-21 2005.
- 2005 International Meeting of the Institute of Human Virology, Baltimore (USA) August 29 – September 2, 2005.
- Scientific Workshop "HIV and vaccines: from basic science to human clinical trials". Research & Progress Foundation, Catania, 7-8 May 2005.
- V Programma Nazionale di Ricerca sull'AIDS, Progress Report Meeting, Roma, 2-6 May 2005.
- 2004 International Meeting of the Institute of Human Virology, Baltimore, USA, October 21-November 4, 2004.
- Institut Pasteur EuroConferences – "Vaccines 3. Frontiers in vaccine development" – Paris (France), 7-8 October 2004.

- 4th National Congress of the Italian Society of Virology (SIV). Orvieto, Italy, 20-22 Sept. 2004.
- Pharma-Planta Meeting, Verona, Italy, May 14-15, 2004.
- 2003 International Meeting of the Institute of Human Virology, Baltimore, USA, September 29-October 3, 2003.
- 3rd National Congress of the Italian Society of Virology (SIV). Cortona, Italy, September 22-24, 2003.
- ECEAR 2002 – 7th European Conference on Experimental AIDS Research – Genova (Italia), 8-11 June 2002.
- Institut Pasteur EuroConferences – “Vaccines of the Future” – Paris (France), October 17-19, 2001.
- 3e carrefour Français des Biotechnologies – Toulouse-Labège (France), October 26-27, 1999.
- Institut Pasteur EuroConferences – “Chemokines and their receptors: from basic research to therapeutic intervention” – Paris (France), March 11-13, 1999.
- Second Louis Pasteur Conference on infectious diseases – Institut Pasteur, Paris (France), 8-10.10.1998.
- Conference France Biotech “Du Chercheur au Createur D'Entreprise” – Maison de la Chimie, Paris, 28.9.1998.
- 35th Interscience Conference on Antimicrobial Agents and Chemotherapy - ICAAC - San Francisco, CA (USA), September 17-20, 1995.
- Fifth International Cytomegalovirus Conference - Stockholm, Sweden, May 21-24, 1995.
- IXth International Conference on AIDS - IVth STD World Congress - Berlin (Germany), June 6-11, 1993.
- Fourth International Cytomegalovirus Conference - Institut Pasteur, Paris (France), April 18-21, 1993.
- Synthetic oligonucleotides for molecular diagnosis - Interdepartmental Center for Biotechnologies, University of Ferrara (Italy), October 6-7, 1992.
- V° Research Project on AIDS - Ministry of Health, Istituto Superiore di Sanità - Orbetello (Grosseto), 13-17.6.1992.
- SIBBM-AGI - Porto Conte-Alghero (Italy), 2-5 October 1991.
- Third International Cytomegalovirus Workshop - Policlinico S. Orsola - Bologna (Italy), June 11-14, 1991.
- Synthetic Oligonucleotides in Molecular Biology and Biotechnology - Biological Chemistry Institute, Ferrara (Italy), December 12, 1990.
- XXVII Scientific Conference of the Italian Biophysics and Molecular Biology Society (SIBBM) - Cortona (Italy), October 15-17, 1990.

MEMBERSHIPS

- Member of the Italian Society of Biophysics and Molecular Biology (SIBBM)
- Member of the Italian Society for Virology (SIV-ISV)
- Member of the Marie Curie Fellows Association (MCFA)
- Member of the Trialect network (International Traineeship/Colleagueship)
- Member of “Patto trasversale per la Scienza” (PTS) – www.pattoperlascienza.it

AWARDS AND PRIZES

- 2020: award “Lecturer of the Years”, Course in Medicine and Surgery, University of Verona
- 2019: Gilead Fellowship Program, award for the project “HIV-associated neurocognitive disorders: a clinical, virological and immunological approach to early definition of biomarkers”. Milan, 15 October 2019 – Fondazione Catella
- 2011: 6th FP, Innovation Award for the project “Analysis of the interaction between HLA-C and HIV-1 Env”. European Commission EUROPRISE

PUBLIC ENGAGEMENT ACTIVITIES

- Magazine article “Il contagio nel mondo” – Primo Informare – Scienze e Tecnologie, Il Mondo, 20.12.97, pag. 96.
- Zipeto D.: “Un vaccino per HIV” – Bioagency January 19, 2004
- “Speranza contro le malattie del sistema nervoso” – L’Arena, October 8, 2013, pag. 48.
- Viruses and Evolution & Evolution of Viruses – UAAR/Verona City, February 19, 2016
- Vaccines: yes or no? Who is afraid of vaccines? – University of Verona, May 30, 2017
- “Sei a casa” – TeleArena (TV Broadcast), September 25, 2018
- “Università: battaglia alle fake news. Vaccini, il web finisce sotto accusa” – Corriere di Verona/Corriere della Sera (newspaper interview), September 26, 2018
- “Chi ha paura dei vaccini?” – VenetoNight/Research Night (Public Speech), September 28, 2018
- “Vaccini e fake news” – University of Lifelong Learning, Culture and Tourism Area Municipality of Verona, Cloister of Sant’Eufemia, Verona, October 22, 2018
- “Dalla SARS al Covid-19, cosa insegnano le epidemie del recente passato” – UNIVRMagazine, March 30, 2020 (<http://www.univrmagazine.it/2020/03/30/dalla-sars-al-covid-19-cosa-insegnano-le-epidemie-del-recente-passato/>)
- “COVID-19: allarmi ignorati” – L’Arena, April 11, 2020, pag. 48.
- Tamburin S., Mantovani E., Gruppo InterSERT di Collaborazione Scientifica (GICS), De Bernardis E., **ZIPETO D.**, Lugoboni F.: “Disegno e razionale di uno studio multicentrico osservazionale retrospettivo sul COVID-19 in soggetti in trattamento con disulfiram”. Italian Journal of the Addictions/Medicina delle Dipendenze 40: 26-29 (2020).
- “Vaccini. Ricerca e sperimentazione fino al vaccino contro il Sars-CoV-2”. Segretariato Italiano Studenti Medicina (SISM), April 21, 2021 (<https://www.youtube.com/watch?v=AFWqN6GUEuM>)
- “Covid-19: nuove osservazioni nella risposta al vaccino contro Sars-CoV-2” – UNIVRMagazine, November 3, 2021 (<https://www.univrmagazine.it/2021/11/03/covid-19-nuove-osservazioni-nella-risposta-al-vaccino-contro-sars-cov2/>)

- "CoViD-19: osservazioni nella risposta al vaccino". Focus, November 8th, 2021 (<https://www.focus.it/scienza/scienze/covid-19-osservazioni-nella-risposta-al-vaccino>)
- "Covid: varianti e vaccini". Corso di formazione e aggiornamento per Docenti – 17-18 January 2022, Museo delle Scienze (MUSE), Trento, Italy (https://www.muse.it/it/news/Archivio/Pagine/NEWS_IMPARA/Covid-varianti-e-vaccini.aspx)
- "Il Covid è davvero finito? (Is covid really over?)" – University of Lifelong Learning, Culture and Tourism Area Municipality of Verona, Cloister of Sant'Eufemia, Verona, February 13, 2023
- Radio 24, column "Obiettivo salute – weekend", interview "Viruses: are they good or bad?" – 13 January 2024. <https://www.radio24.ilsole24ore.com/programmi/obiettivo-salute-weekend/puntata/trasmissione-13-gennaio-2024-120700-2397647803913614>

EDITORIAL ACTIVITIES

- 2025: Community Reviewer for Frontiers in Virology
- 2023: Guest Editor for Frontiers in Cellular Neurosciences, topic "Unravelling the long term effects of COVID-19" (<https://www.frontiersin.org/research-topics/62706/unraveling-the-long-term-effects-of-covid-19>)
- 2023: Associate Editor for Frontiers in Immunology
- 2022: Editor for Frontiers in Bioengineering and Biotechnology, topic "Nanomaterials for the diagnosis and therapy of viral infections" (<https://www.frontiersin.org/research-topics/33755/nanomaterials-for-the-diagnosis-and-therapy-of-viral-infections>)
- 2022: Review Editor for Fundamental Virology – Frontiers in Virology
- 2020: Guest Editor for the Journal of Immunology Research, Special Issue on "Inflammation in Cancer: Part of the problem or Part of the Solution?" (<https://new.hindawi.com/journals/jir/si/916706/>)
- 2018: Guest Editor for the Journal of Immunology Research, Special Issue on "Inflammation in Cancer: Part of the problem or Part of the Solution?" (<https://www.hindawi.com/journals/jir/si/567915/>)
- 2003: Reports on ongoing clinical trials for drugs and vaccines against HIV/AIDS, Tuberculosis and Malaria, for the European and Developing Countries Clinical Trial Partnership (EDCTP), European Commission
- Scientific Reviewer for Peer Reviewed Journals: PNAS, Retrovirology, Vaccine, The Open Autoimmunity Journal, Intervirology, Reviews in Medical Virology, Journal of Virology, Frontiers in Immunology, Journal of Cellular and Molecular Medicine, Infectious Agents and Cancer, etc.
- Translator and scientific proof-reader for the company "Biomedical Translations", Palo Alto/Modesto, California, USA (1993-2012) and "Tembua" (since 2012).
- Consultant (HIV-AIDS) on the Internet World Wide Web site "Health 2000" (<http://www.health2000.net/>).
- Thomson Reuters Integrity Disease Briefings:
 - "Influenza" - D. Zipeto, T. Stegmann (2001).
 - "Human Cytomegalovirus" - D. Zipeto, L. Rasmussen (2001).
 - "HIV and AIDS" - D. Zipeto, T. Stegmann (2001).
 - "Herpes Simplex Virus" - D. Zipeto, L. Rasmussen (2002).
 - "Respiratory Syncytial Virus" - D. Zipeto, L. Rasmussen (2002).
 - "Rhinoviruses" - D. Zipeto, L. Rasmussen (2002).
 - "Poxvirus" - D. Zipeto, L. Rasmussen (2003).
 - "SARS" - D. Zipeto, L. Rasmussen (2004).
 - "Rotaviruses" - D. Zipeto, L. Rasmussen (2005).
 - "Epstein-Barr Virus" - D. Zipeto, L. Rasmussen (2006).
 - "Human T-cell Leukemia Viruses" - D. Zipeto, M. Turci (2007)
 - "Influenza" - D. Zipeto (2010)

PATENTS

- 1998: "Vecteurs dérivés d'anticorps pour le transfert de substances dans les cellules". Avrameas A., Avrameas S., Biondel B., Buttin G., Couderc T., Michelson S., Saron M.F., Ternynck T., **ZIPETO D.** EP1001815B1, WO/1999/007414 (peptide to be used as antiviral agent) <http://www.sumobrain.com/patents/wipo/Vectors-derived-from-antibodies-transferring/WO1999007414.html> <http://www.google.com/patents/EP1001815A1?cl=fr>
- 2003: "Single-chain antibody fragments for transferring substances into cells". Avrameas A., Avrameas S., Biondel B., Buttin G., Couderc T., Michelson S., Saron M.F., Ternynck T., **ZIPETO D.** Application 09/497,997, US Patent N. 6,635,248 (B1), Issued October 21, 2003. International A61K35/12; A61K38/00; A61K39/395; A61K45/00; A61K47/48; A61P31/12; A61P31/18; A61P31/22; C07K16/00; C07K16/18; C07K16/28; C07K19/00; C12N1/15; C12N1/19; C12N15/09; C12N5/10; C12N5/20; C12P21/08. European: A61K47/48R; A61K47/48T4K; C07K16/18; C07K16/28.
- 2009: "Vector derived from antibodies for transferring substances into cells". Ternynck T., Avrameas A., Buttin G., Avrameas S., Saron M.F., Blondel B., Couderc T., Michelson S., **ZIPETO D.** Application 10/460,471. US Patent N. 7,628,987 (B2), Issued December 8, 2009. International A61K39/00; A61K39/12. European: C07K16/10K1F; C07K16/44. <http://www.patentgenius.com/inventedby/ZipetoDonatoParisFR.html> <http://www.patentbuddy.com/Inventor/Zipeto-Donato/12091298> http://www.directoryinventor.com/inventor/Zipeto_Donato_1.html

PUBLICATIONS

Publications Analysis

Total impact factor (JCR 2024): 417.73	Threshold values for Italian ASN 2023-2025:
Average impact factor: 5.157	Articles/10 years: 35
Median impact factor: 3.9	Citations/15 years: 1006
First, last, corresponding: 36/80 (45%)	H-index/15 years: 18
Median Impact Factor of journal categories according to JCR (Journal Citation Reports):	Q1 73.8%; Q2 17.5%; Q3 6.3%; Q4 2.5%
• Biochemistry and Molecular Biology: 3.2	ORCID: 0000-0002-2168-4144
• Microbiology: 3.1 – Virology 2.6	Scopus ID: 55393878400
	Web of Science Research ID: P-3041-2019

JOURNAL NAME	N.	IF (JCR 2024)	QUARTILE (SJR 2024)
AIDS	1	3.1	Q1
AIDS Research and Human Retroviruses	2	1.1	Q3
Antimicrobial Agents and Chemotherapy	1	4.5	Q1
APMIS	1	2.6	Q1
Biomedicines	1	3.9	Q1
Cells	4	5.2	Q1
Communications Medicine	1	6.3	Q1
Drugs of the Future	1	0.2	Q4
eBioMedicine	2	10.8	Q1
Frontiers in Bioengineering and Biotechnology	1	4.8	Q1
Frontiers in Oncology	1	3.3	Q2
Frontiers in Immunology	2	5.9	Q1
Frontiers in Microbiology	2	4.5	Q1
Frontiers in Neurology	1	2.8	Q2
Heliyon	1	3.6	Q1
Genes	1	2.8	Q2
HIV Medicine	1	3.2	Q1
HLA	1	4.1	Q4
Infectious Agents and Cancer	1	2.8	Q2
International Journal of Biochemistry & Cell Biology	1	2.8	Q2
International Journal of Molecular Sciences	3	4.9	Q1
Internal and Emergency Medicine	1	3.8	Q1
Investigative Ophthalmology and Visual Science	1	4.7	Q1
Journal of Acquired Immune Deficiency Syndromes	9	3.6	Q1
Journal of Cellular and Molecular Medicine	1	4.2	Q2
Journal of Clinical Microbiology	3	5.4	Q1
Journal of Experimental Medicine	1	10.6	Q1
Journal of General Virology	3	4.3	Q2
Journal of Immunology	1	3.4	Q1
Journal of Immunology Research	1	3.6	Q1
Journal of Infectious Diseases	5	4.5	Q1
Journal of Translational Medicine	1	7.5	Q1
Journal of Virological Methods	1	1.6	Q3
Journal of Visualized Experiments (JOVE)	1	1.0	Q2
Journal of Virology	2	3.8	Q1
Microbes and Infection	1	2.7	Q2
Microorganisms	1	4.2	Q2
Microbiologica	1	0.43	Q3
Molecular and Cellular Probes	1	3.0	Q3
Non-coding RNA	1	3.0	Q2
Pathogens	1	3.3	Q1
Retrovirology	5	3.9	Q1
Scientific Reports	4	3.9	Q1
Science	2	45.8	Q1
Vaccines	1	3.4	Q1
World Journal of Stem Cells	1	3.6	Q1

	ISI Web of Science	Scopus	Google Scholar	Research Gate
Number of Publications	82	72	204	88
Number of Citations	2765	2869	3936	3410
H-Index	27	27	29	31

Papers submitted for refereeing:

- Piubelli C., Valerio M., **ZIPETO D.**, Orlandi E., Caldrelli S., Rizzolo F., Barbero K., Vezzelli E., Ganesini N., Zamboni S., Tiberti N., Longoni S.S., Verzè M., Nicolis F., Gobbi F., Gori S.: "Balancing neutralization and tolerance: spike-specific antibodies responses to repeated COVID-19 mRNA vaccine booster in solid cancer patients". Submitted *Frontiers in Immunology*, 2025.
- Voi M., Sangalli A., Milano E.G., De Martinis C., Orlandi E., Tamburin S., Mantovani E., Federico A., Lanzafame M., Lattuada E., Arganaraz G.A., Da Silva B.C.M., Da Silva A.J.D., Casseb J., Arganaraz E.R., Malena M., Ruggiero A., Romanelli M.G., Valenti M.T., Grazioso G., **ZIPETO D.**: "Computational characterisation of peptide binding stability to HLA-C allotypes and its association with HIV-1 infection progression and HIV-1 related neurocognitive impairment". Submitted *Frontiers in Immunology*, 2025.
- Dalle Carbonare L., Minoia A., Zouari S., Braggio M., Cominacini M., Gaglio S.C., Piritore F.C., Lorenzi P., Meneghel M., Dervishi K., Corsi A., Pedrinolla A., Giurato G., Fiore A., Ceslas A., Venturini M., Schena F., Donadelli M., Mottes M., Romanelli M.G., Perduca M., Crisafulli E., **ZIPETO D.**, Barile L., Valenti M.T.: "Extracellular vesicles from long covid patients promote RUNX2-mediated cellular stress via dysregulated miR-204 and p53 pathway activation". Submitted *Cell Reports*, 2025.
- Ben Khelifa E., Campese A., Corsi A., Bombieri C., Romanelli M.G., Valenti M.T., **ZIPETO D.**, Castelli M., Lievens P.M.J., Ruggiero A.: "Post-translational modifications in respiratory viruses' infection: novel insights into in vitro models development". Submitted *Cell Host & Microbe*, 2025.

Publications in peer-reviewed Journals:

Impact Factor (IF) and Quartile (Q) available on the year of publication or the *closest available

- Vareschi A., Gaglio S.C., Dervishi K., Zanella G., Lucchi L., Serena E., Jimenez-Lopez C., **ZIPETO D.**, Gaboreanu D.M., Barbu I.C., Leardini C., Perduca M., Dalle Carbonare L., Valenti M.T.: "Evaluation of biocontrol measures to reduce bacterial load and healthcare associated infections". *Microorganisms* 13, 1923 (2025). DOI: 10.3390/microorganisms13081923 [IF 4.2]
- Corsi A., De Simone T., Valentino A., Orlandi E., Stefani C., Patuzzo C., Fochi S., Bruno M.G., Trabetti E., Rotondo J., Mazziotta C., Valenti M.T., Ruggiero A., **ZIPETO D.**, Bombieri C., Romanelli M.G.: "MALAT1 expression is deregulated in cell lines knocked out for miR-34a". *Non-coding RNA* 11: 60 (2025). DOI: 10.3390/nrna11040060 [IF 3.0]
- Dalle Carbonare L., Minoia A., Vareschi A., Piritore F.C., Zouari S., Gandini A., Meneghel M., Elia R., Lorenzi P., Antoniazzi F., Pessola J., **ZIPETO D.**, Romanelli M.G., Guardavaccaro D., Valenti M.T.: "Exploring the Interplay of RUNX2 and CXCR4 in Melanoma Progression". *Cells* 13(5), 408 (2024) DOI: 10.3390/cells13050408 [3 CIT – IF 5.2 – Q1]
- Bombieri C., Corsi A., Trabetti E., Ruggiero A., Marchetto G., Vatterni G., Valenti M.T., **ZIPETO D.**, Romanelli M.G.: "Advanced cellular models for rare diseases study: exploring neural, muscle and skeletal organoids". *International Journal of Molecular Sciences* 25, 1014 (2024) DOI: 10.3390/ijms25021014 [14 CIT - IF 4.9– Q1]
- Fantoni T., Bisoli M., Stefani C., Voi M., Dabija A., Casula R., Minafra D.L., Fonseca Palmeira J., Arganaraz E.R., Mayora-Neto M., Temperton N.J., **ZIPETO D.**, Ruggiero A.: "Pseudotyped viruses as a molecular tool to monitor humoral immune response against SARS-CoV-2 via neutralization assay." *Journal of Visualized Experiments* 201, e65658 (2023) DOI: 10.3791/65658 [IF 1.2 – Q3]
- Gaglio S.C., Perduca M., **ZIPETO D.**, Bardi G.: "Efficiency of Chitosan nanocarriers in vaccinology for mucosal immunization". *Vaccines* 11:1333 (2023) DOI: 10.3390/vaccines11081333 [17 CIT – IF 7.8– Q1]
- Dalle Carbonare L., Gomez-Lira M., Minoia A., Bertacco J., Orsi S., Gandini A., Antoniazzi F., **ZIPETO D.**, Mottes M., Bhandary L., Guardavaccaro D., Valenti M.T.: "Expression of FBXW11 in normal and disease-associated osteogenic cells". *Journal of Cellular and Molecular Medicine*, Article ID JCMM-17767 (2023) DOI 10.1111/jcmm.17767 [5 CIT – IF 5.3 – Q2]
- Bardi G., **ZIPETO D.**, Neagu M., Nikitovic D.: "Editorial: Nanomaterials for the diagnosis and therapy of viral infections". *Frontiers in Bioengineering and Biotechnology* 11: 1192393 (2023) DOI 10.3389/fbioe.2023.1192393 [IF 5.7 – Q1/Q2]
- Piubelli C., Ruggiero A., Calciano L., Mazzi C., Castilletti C., Tiberti N., Caldrelli S., Verzè M., Longoni S.S., Accordini S., Bisoffi Z., **ZIPETO D.**: "Subjects who developed SARS-CoV-2 specific IgM-S after vaccination show a longer humoral immunity and a lower frequency of infection". *eBioMedicine* 89: 104471 (2023) DOI: 10.1016/j.ebiom.2023.104471 [6 CIT – IF 11.1 – Q1]
- Stefani C., Sangalli A., Locatelli E., Federico T., Malerba G., Romanelli M.G., Arganaraz GA, Da Silva BCM, Da Silva AJD, Casseb J., Arganaraz ER, Ruggiero A., **ZIPETO D.**: "Increased prevalence of HLA-C unstable variants in HIV-1 rapid progressor patients". *International Journal of Molecular Sciences* 23, 14852 (2022) DOI: 10.3390/ijms232314852 [2 CIT- IF 6.208 – Q1/Q2]
- Ruggiero A., Stefani C., Sangalli A., Locatelli E., Federico T., Malerba G., Romanelli M.G., Arganaraz G.A., Da Silva Bosco C.M., Duarte Da Silva A.J., Casseb J., Arganaraz E.R., **ZIPETO D.**: "Rapid HIV progression in patients with increased prevalence of unstable HLA-C variants". *HIV Medicine*, 24 (s3), pp.34-35. (2022) WOS:001042880500048 [IF 3.094 – Q2]
- Ruggiero A., Piubelli C., Calciano L., Accordini S., Valenti M.T., Dalle Carbonare L., Siracusano G., Temperton N., Tiberti N., Longoni S.S., Pizzato M., Accordini S., Fantoni T., AMSLV group, Lopalco L., Beretta A., Bisoffi Z., **ZIPETO D.**: "SARS-CoV-2 vaccination elicits unconventional IgM specific responses in naïve and previously COVID-19-infected individuals". *eBioMedicine* 77:103888 (2022) DOI: 10.1016/j.ebiom.2022.103888 [48 CIT – IF 11.205 – Q1]
- Siracusano G., Ruggiero A., Bisoffi Z., Piubelli C., Dalle Carbonare L., Valenti M.T., Mayora-Neto M., Temperton N., Lopalco L., **ZIPETO D.**: "Differential decay of antibody response and sensitivity to VOCs in BNT162b2 vaccinees after 15 weeks in naïve and previously infected subjects". *Journal of Translational Medicine* 20:22 (2022). DOI: 10.1186/s12967-021-03208-3 [13 CIT – IF 8.448 – Q1]
- Dalle Carbonare L., Valenti M.T., Bisoffi Z., Piubelli C., Pizzato M., Accordini S., Mariotto S., Ferrari S., Minoia A., Bertacco J., Li Vigni V., Dorelli G., Crisafulli E., Alberti D., Masin L., Tiberti N., Longoni S.S., Lopalco L., Beretta A., **ZIPETO D.**: "Serology study after BNT162b2 vaccination in participants previously infected with SARS-CoV-2 in two different waves versus naïve". *Communications Medicine* 1: 38 (2021). DOI: 10.1038/s43856-021-00039-7 [18 CIT – IF 6.3*, Q1]
- Innamorati G., Wilkie T., Malpeli G., Paiella S., Grasso S., Rusev B., Leone B.E., Valenti M.T., Dalle Carbonare L., Cheri S., Giacomazzi A., Zanolto M., Guardini V., Deiana M., **ZIPETO D.**, Serena M., Parenti M., Guzzi F., Lawlor R.T., Malerba G., Mori A., Malleo G., Giacomello L., Salvia R., Bassi C.: "Grp15 in early onset of pancreatic ductal adenocarcinoma". *Scientific Reports* 11: 14922 (2021). DOI: 10.1038/s41598-021-94150-3 [8 CIT – IF 4.380 – Q1]
- Valenti M.T., Dalle Carbonare L., **ZIPETO D.**, Mottes M.: "Control of the autophagy pathway in osteoarthritis: key regulators, therapeutic targets, therapeutic strategies". *International Journal of Molecular Sciences*, 22, 2700 (2021) DOI: 10.3390/ijms22052700 [35 CIT – IF 5.924 – Q1/Q2]
- Tamburin S., Mantovani E., Gruppo InterSERT di Collaborazione Scientifica (GICS), De Bernardis E., **ZIPETO D.**, Lugoboni F.: "COVID-19 and related symptoms in patients under disulfiram for alcohol use disorder". *Internal and Emergency Medicine*: s11739-021-02633-y (2021). DOI: 10.1007/s11739-021-02633-y [19 CIT – IF 3.397 – Q1]

18. Beretta A., Cranage M., **ZIPETO D.**: "Is cross-reactive immunity triggering COVID-19 immunopathogenesis?" *Frontiers in Immunology*, 11: 567710 (2020). DOI: 10.3389/fimmu.2020.567710 [45 CIT – IF 5.085 – Q1]
19. **ZIPETO D.**, da Fonseca Palmeira, J., Arganaraz, A., Arganaraz, E.R.: "ACE2/ADAM17 interplay may be the main risk factor for COVID-19". *Frontiers in Immunology* 11: 576745 (2020). DOI: 10.3389/fimmu.2020.576745 [206 CIT – IF 5.085 – Q1]
20. Malnati M., Biswas P., Ugolotti E., di Marco E., Sironi F., Parolini F., Garbarino L., Mazzocco M., **ZIPETO D.**, Biassoni R.: "A fast and reliable method for detecting SNP rs67384697 (Hsa-miR 148a binding site) by a single run of allele-specific real-time PCR". *HLA* 2020; 96: 312-322 (2020). DOI:10.1111/tan.13971 [2 CIT – IF 4.513 – Q4]
21. Fochi S., Lorenzi P., Galasso M., Stefani C., Trabetti E., **ZIPETO D.**, Romanelli M.G.: "The emerging role of RBM20 and PTBP1 ribonucleoproteins in heart development and cardiovascular diseases". *Genes* 11: 402 (2020). DOI:10.3390/genes11040402 [27 CIT – IF 3.759 – Q2]
22. Deiana M., Dalle Carbonare L., Serena M., Cheri S., Mutascio S., Gandini A., Innamorati G., Lorenzi P., Cumerlato M., Bertacco J., Antoniazzi F., Romanelli M.G., Mottes M., **ZIPETO D.**, Valenti M.T.: "A potential role of RUNX2-RUNT domain in modulating the expression of genes involved in bone metastases: an in vitro study with melanoma cells". *Cells* 9: 751 (2020). DOI: 10.3390/cells9030751 [7 CIT – IF 64.366 – Q1]
23. Valenti M.T., Pietrobelli A., Romanelli M.G., Malerba G., **ZIPETO D.**, Mottes M., Dalle Carbonare L.: "Molecular and lifestyle factors modulating obesity disease". *Biomedicines* 8: 46 (2020). DOI: 10.3390/biomedicines8030046 [6 CIT – IF 4.717 – Q1]
24. Mantovani E., Lugoboni F., Federico A., **ZIPETO D.**, Tamburin S.: "Benzodiazepine use and HIV-associated neurocognitive impairment: which comes first?". *J AIDS Journal of Acquired Immune Deficiency Syndrome* 83 (4): e26-e27 (2020). DOI: 10.1097/QAI.0000000000002278 [IF 3.475 – Q1].
25. Fochi S., Ciminale V., Trabetti E., Bertazzoni U., D'Agostino D., **ZIPETO D.**, Romanelli M.G.: "NF-κB and microRNA deregulation mediated by HTLV-1 Tax and HBZ". *Pathogens* 8: 290 (2019). DOI: 10.3390/pathogens8040290 [23 CIT – IF 3.405 – Q1/Q2]
26. Piccaluga P.P., Visani A., Peron C., Rigotti F., Agostinelli C., Righi S., Diani E., Ligozzi M., Carelli M., Ponti C., Bon I., **ZIPETO D.**, Landolfo S., Gibellini D.: "Interferon Gamma Inducible protein 16 (IFI16) expression is reduced in mantle cell lymphoma" *Heliyon* 5: e02643 (2019) doi: 10.1016/j.heliyon.2019.e02643 [6 CIT – IF 3.776* – Q1]
27. Valenti M.T., Dalle Carbonare L., Serena M., **ZIPETO D.**: "CRISPR/Cas System: an emerging technology in Stem Cells research". *World Journal of Stem Cells* 11: 937-956 (2019) DOI: 10.4252/wjsc.v11.i11.937 [36 CIT – IF 3.534 – Q2]
28. Deiana M., Malerba G., Dalle Carbonare L., Cheri S., Patuzzo C., Tsenov G., Moron Dalla Tor L., Mori A., Saviola G., **ZIPETO D.**, Schena F., Mottes M., Valenti M.T.: "Physical activity prevents cartilage degradation: a metabolomics study pinpoints the involvement of Vitamin B6". *Cells* 8: 1374 (2019). DOI: 10.3390/cells8111374 [17 CIT – IF 5.656 – Q1]
29. Fochi S., Bergamo E., Serena M., Mutascio S., C. Journo, R. Mahieu, Ciminale V., Bertazzoni U., **ZIPETO D.**, Romanelli M.G.: "TRAF3 is required for NK-κB pathway activation mediated by HTLV Tax proteins" *Frontiers in Microbiology* 10: 1302 (2019) DOI: 10.3389/fmicb.2019.01302 [17 CIT – 4.259 – Q1]
30. Cecconi D., Brandi J., Manfredi M., Serena M., Dalle Carbonare L., Deiana M., Cheri S., Parolini F., Gandini A., Marchetto G., Innamorati G., Avanzi F., Antoniazzi F., Marengo E., Tiso N., Mottes M., **ZIPETO D.**, Valenti M.T.: "RUNX2 stimulates angiogenesis through the RUNT domain in melanoma". *Scientific Reports SREP-19-00805* (2019) DOI: 10.1038/s41598-019-44552-1 [20 CIT – IF 4.011 – Q1]
31. Neagu M., Constantin C., Popescu I.D., **ZIPETO D.**, Tzanakakis G.N., Nikitovic D., Fenga C., Stratakis C., Spandidos D.A., Tsatsakis A.M.: "Inflammation and metabolism in cancer cell – mitochondria key player." *Frontiers in Oncology* 9: 348 (2019) DOI 10.3389/fonc.2019.00348 [122 CIT – IF 4.137 – Q1/Q2]
32. Neagu M., **ZIPETO D.**, Popescu I.D.: "Inflammation in Cancer: Part of the problem or Part of the Solution?". *Journal of Immunology Research* 2019, Article ID 5403910 (2019) DOI: 10.1155/2019/5403910 [5 CIT – IF 3.404 – Q1/Q2]
33. Lorenzi P., Sangalli A., Fochi S., Dal Molin A., Malerba G., **ZIPETO D.**, Romanelli M.G.: "RNA-binding proteins RBM20 and PTBP1 regulate the alternative splicing of FHOD3". *International Journal of Biochemistry & Cell Biology* 106: 74-83 (2019) DOI: 10.1016/j.biocel.2018.11.009 [19 CIT – IF 3.544 – Q1/Q2]
34. Deiana M., Dalle Carbonare L., Serena M., Cheri S., Parolini F., Gandini A., Marchetto G., Innamorati G., Manfredi M., Marengo E., Brandi J., Cecconi D., Mori A., Mina M., Antoniazzi F., Mottes M., Tiso N., Malerba G., **ZIPETO D.**, Valenti M.T.: "New insights into the role of RUNX2 Runt domain in melanoma cells proliferation and migration". *Cells* 7 (11): 220 (2018), doi: 10.3390/cells7110220 [21 CIT – 4.829 – Q1]
35. **ZIPETO D.**, Serena M., Mutascio S., Parolini F., Diani E., Guizzardi E., Muraro V., Lattuada E., Rizzardo S., Malena M., Lanzafame M., Malerba G., Romanelli M.G., Tamburin S., Gibellini D.: "HIV-1-associated neurocognitive disorders: is HLA-C binding stability to β2-microglobulin a missing piece of the pathogenetic puzzle?" *Frontiers in Neurology* 9: 791 (2018). doi: 10.3389/fneur.2018.00791 [12 CIT – IF 3.508 – Q1/Q2]
36. Fochi S., Mutascio S., Bertazzoni U., **ZIPETO D.**, Romanelli M.G.: "HTLV deregulation of the NF-κB pathway: an update on Tax and antisense protein role". *Frontiers in Microbiology* 9: 285 (2018) [56 CIT – IF 4.019 – Q1].
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