

CURRICULUM VITAE ET STUDIORUM

Name: Vanessa Palmas

Address: University of Cagliari
Department of Biomedical Sciences
Microbiology and Virology Unit
Cittadella Universitaria di Monserrato
S.P. 8 km 7.00 – I-09042 Monserrato (CA), Italy

Contact Information: Phone: +39-0706754038
E-mail: vanessa.palmas@unica.it

CURRENT POSITION

Role: Fixed-term Research (Type A)

Scientific Area: Medical Sciences

Scientific-Disciplinary Group: 06/MEDS-03 – Microbiology and Clinical Microbiology

Scientific-Disciplinary Sector: MEDS-03/A – Microbiology and Clinical Microbiology

EDUCATION AND POST LAUREAM

- **2023 – present:** Fixed-term Researcher (Type A) at the Department of Biomedical Sciences, Microbiology and Virology Unit, University of Cagliari; GSD 06/MEDS-03, SDS MEDS-03/A;
- **2022:** PhD in Molecular and Translational Medicine, cum laude, University of Cagliari. Thesis title: "*Gut microbiome analysis in metabolic, neurological and inflammatory disorders*"; SDS MEDS-03/A;
- **2018:** Specialist in Microbiology and Virology, University of Sassari. Thesis title: "*Distinctive features of the gut microbiome in a cohort of Italian patients with Parkinson's disease*"; Final mark: 50/50 cum laude; SDS MEDS-03/A;
- **2013:** Professional qualification to practice as a Biologist, University of Cagliari;
- **2012:** Master's Degree in Cellular and Molecular Biology, Faculty of Biology and Pharmacy, University of Cagliari. Thesis title: "*Homo-oligomerization profile of Ebola virus VP35 and in silico modeling of its N-terminal domain*"; Final mark: 110/110 cum laude;

- **2010:** Bachelor's Degree in Experimental Biology, specialization in Biomolecular and Applied Methodologies, Faculty of Science, University of Cagliari. Thesis title: "*Site-directed mutagenesis of the VP35 gene to express the R312A mutant of the recombinant Ebola virus VP35 protein*"; Final mark: 110/110 cum laude;

RESEARCH ACTIVITIES AND PROFESSIONAL EXPERIENCE

- **May 2023 – present:** Development of new diagnostic tests, in vitro screening of novel antiviral compounds, molecular studies on virus-human cell interactions and monitoring of emerging pathogens. Evaluation of the effects and role of host microbiota, virobiota, and the microenvironment in the resurgence of pathogens with epidemic potential, within the INF-ACT project, PNRR "*One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases*". Department of Biomedical Sciences, Microbiology and Virology Unit, University of Cagliari;
- **2022 – 2023:** Study on the antibiotic activity of molecules with varying permeability coefficients through membrane channels in Gram-negative bacteria; Research fellow within the f-PERMEATE project "*Predictive function of the permeability coefficient of drugs for the screening of large databases*". University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2021 – present:** Characterization of the in vitro and in vivo immune response to SARS-CoV-2 infection and vaccination within the CORIMUN project. University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2020 – present:** Study of biological activities and related mechanisms of synthetic molecules and natural extracts. University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2020 – present:** Multi-omics investigation of the short- and long-term impacts of ketogenic and Mediterranean dietary models on the gut microbiota, and related functional profiles, and on clinical, metabolic, and lifestyle parameters in pharmacologically naïve patients with diabetes. University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2016 – present:** Omics-based study of the short-term impact of a moderately hypocaloric Mediterranean diet on the gut microbiota and associated functional profiles in patients with obesity. University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2014 – present:** Multi-omics study of the gut microbiota and related metabolic profiles in various pathological conditions (inflammatory bowel disease, Parkinson's disease, obesity, type 2 diabetes, cancer, endometriosis, bipolar disorder) and in healthy individuals (long-living healthy subjects). University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2014 – present:** Study of the dynamics of TT virus infection in a cohort of patients with HCV infection who achieved sustained virologic response (SVR) following DAA therapy, and in patients with oncological diseases. University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences; "D. Casula" University Hospital, Monserrato, Cagliari; SDS MED/07;
- **2013 – 2014:** Routine and emergency laboratory activities in the field of Diagnostic Microbiology: direct microbiological diagnosis of clinical samples for the detection and identification of pathogens, and antibiotic

sensitivity testing. Microbiology Laboratory, Central Laboratory of Chemical-Clinical and Microbiological Analysis, University Hospital “Presidio San Giovanni di Dio,” Cagliari; SDS MED/07;

- **April 2013 – August 5, 2013:** Routine and emergency laboratory activities in the fields of Hematology and Coagulation, and Diagnostic Microbiology: diagnosis of blood diseases and hemostasis; direct microbiological diagnosis of clinical samples for the detection and identification of pathogens, and antibiotic sensitivity testing. Central Laboratory of Chemical-Clinical and Microbiological Analysis, University Hospital of Cagliari, “Presidio San Giovanni di Dio,” Cagliari. SDS MED/07;
- **September – December 2011:** Study of antiviral activity against HCMV of compounds derived from natural extracts; analysis of HCMV infection in primary human monocytes and macrophages. Virology Laboratory, Institut für Virologie, Universitätsklinikum Ulm, Ulm, Germany;
- **2010 – 2012:** Understanding and characterization, through in vitro biochemical assays, of enzymatic reactions of viral proteins capable of evading the host's innate immune response (Ebola virus VP35) by using mutant versions of the same proteins; characterization of the homo-oligomerization profile of Ebola virus VP35 and in silico modeling of its N-terminal domain. Molecular Virology Laboratory, Department of Life and Environmental Sciences, University of Cagliari.

PARTICIPATION IN RESEARCH PROJECTS

- **2024:** SALUTEARCARTA Project, PNRR. Local project code: PNRR-MCNT2-2023-12377900 – CUP F33C24000330006;
- **2023:** INF-ACT Project, PNRR – One Health Basic and Translational Research Actions addressing Unmet Needs on Emerging Infectious Diseases. PNRR - CUP F53C22000720007 – MUR Code: PE0000007;
- **2022 – 2023:** f-PERMEATE Project, RAS – *Predictive function of the permeability coefficient of drugs for the screening of large databases.*

TEACHING ACTIVITIES

Academic Year 2024/2025:

- Virology (Microbiology and Virology Course), Dentistry and Dental Prosthetics Degree Program, Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;
- Clinical Microbiology (Microbiology and Infectious Diseases Course), Medicine and Surgery Degree Program, Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;
- Fundamental Virology Techniques (Biomedical Laboratory Techniques 3 Course), Biomedical Laboratory Techniques Degree Program (qualifying for the health profession of biomedical laboratory technician), Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07.

Academic Year 2023/2024:

- Virology (Microbiology and Virology Course), Dentistry and Dental Prosthetics Degree Program, Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;

- Clinical Microbiology (Microbiology and Infectious Diseases Course), Medicine and Surgery Degree Program, Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;
- Fundamental Virology Techniques (Biomedical Laboratory Techniques 3 Course), Biomedical Laboratory Techniques Degree Program (qualifying for the health profession of biomedical laboratory technician), Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;
- Supervisor for experimental laboratory activities and co-supervisor of Master's thesis in Medicine and Surgery, title: "*Intestinal microbiota profile in patients with bipolar disorder treated pharmacologically.*" Faculty of Medicine and Surgery, University of Cagliari.

Academic Year 2022/2023:

- Virology (Microbiology and Virology Course), Dentistry and Dental Prosthetics Degree Program, Faculty of Medicine and Surgery, University of Cagliari. SDS MED/07;
- Teaching Tutor for the Clinical Microbiology Professional Internship (80 hours) for the Medicine and Surgery Degree Program, University of Cagliari. SDS MED/07;
- Supervisor for experimental laboratory activities and co-supervisor of Master's thesis in Medicine and Surgery, title: "*Impact of ketogenic and Mediterranean diets on gut microbiota and clinical variables in patients with type 2 diabetes and obesity naïve to pharmacological treatment.*" Faculty of Medicine and Surgery, University of Cagliari.

Academic Year 2021/2022:

- Teaching Tutor for the Clinical Microbiology Professional Internship (40 hours) for the Medicine and Surgery Degree Program, University of Cagliari. SDS MED/07;
- Supervisor for experimental laboratory activities and supervisor of Master's thesis in Medicine and Surgery, title: "*Intestinal microbiota markers associated with lifestyle and diet in extreme longevity: focus on healthy Sardinian centenarians.*" Faculty of Medicine and Surgery, University of Cagliari.

Academic Year 2020/2021:

- Teaching Tutor for the Clinical Microbiology Professional Internship (40 hours) for the Medicine and Surgery Degree Program, University of Cagliari. SDS MED/07;

Academic Year 2019/2020

- Teaching Tutor for the Clinical Microbiology Professional Internship (40 hours), Medicine and Surgery Degree Program, University of Cagliari. Scientific Disciplinary Sector: MED/07;
- Teaching Tutor in the area of General Medicine (practical evaluation internship; 10 hours) for graduates accessing Medical Specialization Schools, Faculty of Medicine and Surgery, University of Cagliari. Scientific Disciplinary Sector: MED/07;

Academic Year 2016/2017

- Tutor for Laboratory Experimental Activity and Bachelor's Thesis supervisor titled "*Molecular techniques for the construction of genomic libraries for the metagenomic analysis of complex microbial communities.*" Faculty of Biology and Pharmacy, University of Cagliari.

August 2014 – present

- Tutor for Laboratory Experimental Activity of undergraduate thesis students and PhD students at the University of Cagliari, Microbiology and Virology Laboratory, Department of Biomedical Sciences, Azienda Ospedaliero-Universitaria Policlinico "D. Casula", Monserrato, Cagliari. Scientific Disciplinary Sector: MED/07.

PUBLICATIONS

- **Palmas, V.**, Deledda, A., Heidrich, V., Sanna, G., Cambarau, G., Fosci, M., Puglia, L., Cappai, E. A., Lai, A., Loviselli, A., Manzin, A., & Velluzzi, F. (2025). Impact of Ketogenic and Mediterranean Diets on Gut Microbiota Profile and Clinical Outcomes in Drug-Naïve Patients with Diabetes: A 12-Month Pilot Study. *Metabolites*, 15(1), 22. <https://doi.org/10.3390/metabo15010022> (First author; Quartile: Q2; CiteScore index: 5.7; 0 citations in Scopus);
- Sanna, G., Marongiu, A., Firinu, D., Piras, C., **Palmas, V.**, Galdiero, M., Atzori, L., Caria, P., Campagna, M., Perra, A., Costanzo, G., Coghe, F., Littera, R., Chessa, L., & Manzin, A. (2024). Humoral responses to wild type and ancient BA.1 SARS-CoV-2 variant after heterologous priming vaccination with ChAdOx1 nCoV-19 and BNT162b2 booster dose. *Clinical and experimental medicine*, 24(1), 12. <https://doi.org/10.1007/s10238-023-01276-x> (Author; Quartile: Q1; CiteScore index: 4.8; 1 citation in Scopus);
- Costanzo, G. A. M. L., Sanna, G., Pes, F., Deiana, C. M., Ledda, A. G., Perra, A., **Palmas, V.**, Manca, V., Miglianti, M., Coghe, F., Manzin, A., Del Giacco, S., Chessa, L., & Firinu, D. (2024). The Effect of Exposure to SARS-CoV-2 Vaccination and Infection on Humoral and Cellular Immunity in a Cohort of Patients with Immune-Mediated Diseases: A Pilot Study. *Pathogens (Basel, Switzerland)*, 13(6), 506. <https://doi.org/10.3390/pathogens13060506> (Author; Quartile: Q1; CiteScore index: 6.4; 1 citation in Scopus);
- Manca, V., Chianese, A., **Palmas, V.**, Etzi, F., Zannella, C., Moi, D., Secci, F., Serreli, G., Sarais, G., Morone, M. V., Galdiero, M., Onnis, V., Manzin, A., & Sanna, G. (2024). Exploring the Antiviral Potential of Esters of Cinnamic Acids with Quercetin. *Viruses*, 16(5), 665. <https://doi.org/10.3390/v16050665> (Author; Quartile: Q1; CiteScore index: 7.3; 1 citation in Scopus);
- Costanzo, G. A. M. L., Deiana, C. M., Sanna, G., Perra, A., Campagna, M., Ledda, A. G., Coghe, F., **Palmas, V.**, Cappai, R., Manzin, A., Chessa, L., Del Giacco, S., & Firinu, D. (2023). Impact of Exposure to Vaccination and Infection on Cellular and Antibody Response to SARS-CoV-2 in COVID-19 Patients Through COVID-19 Pandemic. *Journal of clinical immunology*, 44(1), 12. <https://doi.org/10.1007/s10875-023-01616-2> (Author; Quartile: Q1; CiteScore index: 12.2; 1 citation in Scopus);
- Ibba, R., Corona, P., Nonne, F., Caria, P., Serreli, G., **Palmas, V.**, Riu, F., Sestito, S., Nieddu, M., Loddo, R., Sanna, G., Piras, S., & Carta, A. (2023). Design, Synthesis, and Antiviral Activities of New Benzotriazole-Based Derivatives. *Pharmaceuticals (Basel, Switzerland)*, 16(3), 429. <https://doi.org/10.3390/ph16030429> (Author; Quartile: Q2; CiteScore index: 6.1; 6 citations in Scopus);
- Dettori, T., Sanna, G., Cocco, A., Serreli, G., Deiana, M., **Palmas, V.**, Onnis, V., Pilia, L., Melis, N., Moi, D., Caria, P., & Secci, F. Synthesis and Antiproliferative Effect of Halogenated Coumarin Derivatives. *Molecules (Basel, Switzerland)*. 2022 Dec 14; 27(24), 8897. <https://doi.org/10.3390/molecules27248897> (Author; Quartile: Q2; CiteScore index: 6.7; 4 citations in Scopus);
- Deledda, A., **Palmas, V.**, Heidrich, V., Fosci, M., Lombardo, M., Cambarau, G., Lai, A., Melis, M., Loi, E., Loviselli, A., Manzin, A., & Velluzzi, F. Dynamics of Gut Microbiota and Clinical Variables after Ketogenic and Mediterranean Diets in Drug-Naïve Patients with Type 2 Diabetes Mellitus and Obesity. *Metabolites*. 2022 Nov 10; 12(11), 1092. <https://doi.org/10.3390/metabo12111092> (Co-First author; Quartile: Q2; CiteScore index: 5.3; 29 citations in Scopus);

- **Palmas, V.**, Pisanu, S., Madau, V., Casula, E., Deledda, A., Cusano, R., Uva, P., Loviselli, A., Velluzzi, F., & Manzin, A. Gut Microbiota Markers and Dietary Habits Associated with Extreme Longevity in Healthy Sardinian Centenarians. *Nutrients*. 2022 Jun 12; 14(12), 2436. <https://doi.org/10.3390/nu14122436> (First author; Quartile: Q1; CiteScore index: 9; 31 citations in Scopus);
- Sanna, G., Marongiu, A., Firinu, D., Piras, C., Franci, G., Galdiero, M., Pala, G., **Palmas, V.**, Angius, F., Littera, R., Perra, A., Orrù, G., Campagna, M., Costanzo, G., Meloni, F., Coghe, F., Chessa, L., & Manzin, A. Neutralizing Antibodies Responses against SARS-CoV-2 in a Sardinian Cohort Group Up to 9 Months after BNT162b2 Vaccination. *Vaccines*. 2022 Mar 29; 10(4), 531. <https://doi.org/10.3390/vaccines10040531> (Author; Quartile: Q2; CiteScore index: 7; 5 citations in Scopus);
- **Palmas, V.**, Pisanu, S., Madau, V., Casula, E., Deledda, A., Cusano, R., Uva, P., Vascellari, S., Loviselli, A., Manzin, A., & Velluzzi, F. Gut microbiota markers associated with obesity and overweight in Italian adults. *Scientific reports*. 2021 Mar 9; 11(1), 5532. <https://doi.org/10.1038/s41598-021-84928-w> (First author; Quartile: Q1; CiteScore index: 6.9; 222 citations in Scopus);
- Deledda, A., Annunziata, G., Tenore, G. C., **Palmas, V.**, Manzin, A., & Velluzzi, F. Diet-Derived Antioxidants and Their Role in Inflammation, Obesity and Gut Microbiota Modulation. *Antioxidants (Basel, Switzerland)*. 2021 Apr 29; 10(5), 708. <https://doi.org/10.3390/antiox10050708> (Author; Quartile: Q1; CiteScore index: 6.5; 82 citations in Scopus);
- Vascellari, S., Melis, M., **Palmas, V.**, Pisanu, S., Serra, A., Perra, D., Santoru, M. L., Oppo, V., Cusano, R., Uva, P., Atzori, L., Morelli, M., Cossu, G., & Manzin, A. Clinical Phenotypes of Parkinson's Disease Associate with Distinct Gut Microbiota and Metabolome Enterotypes. *Biomolecules*. 2021 Jan 22; 11(2), 144. <https://doi.org/10.3390/biom11020144> (Author; Quartile: Q2; CiteScore index: 5.7; 37 citations in Scopus);
- Vascellari, S., Melis, M., Cossu, G., Melis, M., Serra, A., **Palmas, V.**, Perra, D., Oppo, V., Fiorini, M., Cusano, R., Morelli, M., Manzin, A., & Barbarossa, I. T. Genetic variants of TAS2R38 bitter taste receptor associate with distinct gut microbiota traits in Parkinson's disease: A pilot study. *International journal of biological macromolecules*. 2020 Dec 15; 165(Pt A), 665–674. <https://doi.org/10.1016/j.ijbiomac.2020.09.056> (Author; Quartile: Q1; CiteScore index: 8.5; 27 citations in Scopus);
- Melis, M., Vascellari, S., Santoru, M. L., Oppo, V., Fabbri, M., Sarchioto, M., Murgia, D., Zibetti, M., Lopiano, L., Serra, A., **Palmas, V.**, Pisanu, S., Perra, D., Madau, V., Cusano, R., Uva, P., Mereu, A., Contu, P., Morelli, M., Atzori, L., Melis, M., Manzin, A., Cossu, G. Gut microbiota and metabolome distinctive features in Parkinson disease: Focus on levodopa and levodopa-carbidopa intrajejunal gel. *European journal of neurology*. 2020 Nov 13; 28(4), 1198–1209. <https://doi.org/10.1111/ene.14644> (Author; Quartile: Q1; CiteScore index: 7.9; 23 citations in Scopus);
- Vascellari, S., **Palmas, V.**, Melis, M., Pisanu, S., Cusano, R., Uva, P., Perra, D., Madau, V., Sarchioto, M., Oppo, V., Simola, N., Morelli, M., Santoru, M. L., Atzori, L., Melis, M., Cossu, G., & Manzin, A. Gut Microbiota and Metabolome Alterations Associated with Parkinson's Disease. *mSystems*. 2020 Sep 15; 5(5), e00561-20. <https://doi.org/10.1128/mSystems.00561-20> (Second author; Quartile: Q1; CiteScore index: 7.4; 191 citations in Scopus);
- Pisanu, S., **Palmas, V.**, Madau, V., Casula, E., Deledda, A., Cusano, R., Uva, P., Vascellari, S., Boi, F., Loviselli, A., Manzin, A., & Velluzzi, F. Impact of a Moderately Hypocaloric Mediterranean Diet on the Gut Microbiota Composition of Italian Obese Patients. *Nutrients*. 2020 Sep 4; 12(9), 2707. <https://doi.org/10.3390/nu12092707> (Co-First author; Quartile: Q1; CiteScore index: 6.4; 49 citations in Scopus);
- Santoru, M. L., Piras, C., Murgia, A., **Palmas, V.**, Camboni, T., Liggi, S., Ibba, I., Lai, M. A., Orrù, S., Blois, S., Loizedda, A. L., Griffin, J. L., Usai, P., Caboni, P., Atzori, L., & Manzin, A. Cross sectional evaluation of the gut-microbiome metabolome axis in an Italian cohort of IBD patients. *Scientific reports*. 2017 Aug 25; 7(1), 9523. <https://doi.org/10.1038/s41598-017-10034-5> (Author; Quartile: Q1; CiteScore index: 4.8; 286 citations in Scopus).

CONGRESSES AND CONFERENCES

- **September 11, 2024:** Speaker at the INF-ACT meeting 2024 - presentation of the scientific poster titled “Gut microbiota profile in pharmacologically treated subjects with bipolar disorder”. Pavia (IT).
- **December 16, 2023:** Invited speaker at the III Regional Congress of the Italian Society of Obesity (SIO) and the Italian Dietetic and Clinical Nutrition Association (ADI). Oral presentation title: “Mediterranean and ketogenic diets in modulating the gut microbiota”. Cagliari (IT).
- **November 24, 2023:** Speaker at the European Digital UniverCity (EDUC)-SHARE Training Workshop “Lifelong Health and Well-Being - Advancing healthcare using the Research Infrastructure CeSAR of UniCa: Nutrition during the first two years of life”. Oral presentation title: “Microbiome in health and disease”. Policlinico Universitario, Monserrato (IT).
- **September 26, 2023:** Speaker at the 51st Congress of the Italian Society of Microbiology. Oral presentation title: “Dynamics of gut microbiota and clinical variables after medium (3 months) and long-term (6-12 months) ketogenic and Mediterranean diets in drug-naïve patients with type 2 diabetes mellitus and obesity”. Cagliari (IT).
- **December 16, 2022:** Speaker at the 1st online workshop “Young Minds at Work: Blending Biology and Bioinformatics” organized by the Italian Society for Virology (SIV-ISV). Oral presentation title: “Gut microbiota markers associated with extreme longevity in healthy Sardinian subjects”. Online workshop.
- **December 16, 2022:** Speaker at the 1st online workshop “Young Minds at Work: Blending Biology and Bioinformatics” organized by the Italian Society for Virology (SIV-ISV). Scientific poster title: “Dynamics of Gut Microbiota and Clinical Variables after Ketogenic and Mediterranean Diets in Drug-Naïve Patients with Type 2 Diabetes Mellitus and Obesity”. Online workshop.
- **September 16-17-20-21, 2021:** Speaker at the 49th Congress of the Italian Society of Microbiology. Scientific poster title: “Gut microbiota markers associated with extreme longevity in healthy Sardinian subjects”. Virtual Congress.
- **September 18-21, 2019:** Speaker at the 47th Congress of the Italian Society of Microbiology. Scientific poster title: “Dynamics of TT virus infection in a cohort of HCV-infected patients achieving sustained virologic response after treatment with direct-acting antivirals”. Rome (IT).
- **September 26-29, 2018:** Speaker at the 46th Congress of the Italian Society of Microbiology. Scientific poster title: “Distinct signatures of the gut microbiome in an Italian cohort of patients with Parkinson’s Disease”. Palermo (IT). Selected for oral communication, second-best poster in the “Microorganism-host interactions” section.
- **September 29, 2017:** Speaker at the 45th Congress of the Italian Society of Microbiology. Oral presentation title: “Cross-sectional evaluation of the gut-microbiome metabolome axis in an Italian cohort of IBD patients”. Genoa (IT).
- **September 25-28, 2016:** Speaker at the 44th Congress of the Italian Society of Microbiology. Scientific poster title: “Gut microbial profile in patients with inflammatory bowel disease”. Pisa (IT).

ABSTRACTS AT CONGRESSES AND CONFERENCES

- **September 8-11, 2024:** Scientific poster “Effect of SARS-COV-2 vaccination and infection on humoral and cellular immunity in a cohort of patients with immune-mediated diseases (IMID)”, 52nd National Congress of the Italian Society of Microbiology (SIM), Pavia (IT).

- **September 8-11, 2024:** Scientific poster “Exploring the anti-Poxvirus Activity of Novel Benzimidazole Derivatives as Entry Inhibitors”, 52nd National Congress of the Italian Society of Microbiology (SIM), Pavia (IT).
- **September 8-11, 2024:** Scientific poster “Hylin-a1 antiviral potential against West-Nile virus infection”, 52nd National Congress of the Italian Society of Microbiology (SIM), Pavia (IT).
- **September 8-11, 2024:** Scientific poster “Broad-spectrum inhibition of respiratory viruses by monoclonal antibodies”, 52nd National Congress of the Italian Society of Microbiology (SIM), Pavia (IT).
- **July 7-9, 2024:** Scientific poster “Humoral and cellular immune response after breakthrough infection in orthotopic liver transplant patients who received 3 or 4 doses of SARS-COV-2 mRNA BNT162b2 vaccine”, 8th Congress of the Italian Society of Virology (SIV, ISV), Bologna (IT).
- **September 25-28, 2023:** Scientific poster “Efficacy of dispirotripiperazine PDSTP in a golden Syrian hamster model of SARS-CoV-2 Pneumonia”, 51st Congress of the Italian Society of Microbiology, Cagliari (IT).
- **September 25-28, 2023:** Scientific poster “Novel benzimidazole derivatives as potent and selective anti-Poxvirus agents”, 51st Congress of the Italian Society of Microbiology, Cagliari (IT).
- **June 25-27, 2023:** Scientific poster “N-Phenyl-1-(Phenylsulfonyl)-1h-1,2,4-Triazol-3-Amine Derivatives as New Inhibitors of HIV-1 RT”, 7th Congress of the Italian Society of Virology (SIV, ISV), Brescia (IT).
- **June 25-27, 2023:** Scientific poster “Exploring the antiviral activity of quercetin/ferulic acid conjugates”, 7th Congress of the Italian Society of Virology (SIV, ISV), Brescia (IT).
- **September 18-21, 2022:** Scientific poster “Neutralization titers and Antibody Response to Heterologous Prime–Boost Vaccination with ChAdOx1 nCoV-19 and BNT162b2 in a Sardinian cohort group”, 50th Congress of the Italian Society of Microbiology, Naples (IT).
- **July 3-5, 2022:** Scientific poster “Development of protective immunity after BNT162B2 third dose in subjects with immuno-mediated inflammatory diseases (IMIDs) and treated with anti-CD20 drugs”, 6th Congress of the Italian Society of Virology (SIV, ISV), Naples.
- **July 1-3, 2022:** Scientific poster “Correlation between antibody response and neutralization capability induced by SARS-CoV-2 vaccine BNT162b2 in the CORIMUN study”, European Academy of Allergy and Clinical Immunology (EAACI) Congress, Hybrid Congress.
- **September 16, 17, 20, 21, 2021:** Scientific poster “Distinct gut microbiota and metabolome enterotypes associated with clinical phenotypes of Parkinson’s disease”, 49th Congress of the Italian Society of Microbiology, Virtual Congress. Selected for oral communication, third-best poster in the “Microorganism-host interactions” section.
- **September 16, 17, 20, 21, 2021:** Scientific poster “Rare biscoumarin with significant anti-HIV-1 activity from Hypericum roeperianum”, 49th Congress of the Italian Society of Microbiology, Virtual Congress.
- **July 5-6, 2021:** Scientific poster “Neutralizing antibodies responses against SARS-CoV-2 in Sardinian cohort group”, 5th Congress of the Italian Society of Virology, Virtual Congress.
- **September 21-22, 2020; November 18, 2020:** Scientific poster “Impact of a moderately hypocaloric Mediterranean diet on the gut microbiota composition of Italian obese patients”, 48th Congress of the Italian Society of Microbiology, Virtual Congress.

- **September 21-22, 2020; November 18, 2020:** Scientific poster “Antiviral Effect of *Hornstedtia bella* Škorničk essential oil from the whole plant, leaves, and rhizomes against vaccinia virus (VV)”, 48th Congress of the Italian Society of Microbiology, Virtual Congress.
- **November 30 - December 1, 2018:** Scientific poster “Gut microbiota and obesity: study of a sample of diet-free patients”, XX Regional Scientific Meeting SID AMD Sardinia Region, Milan.
- **October 11-13, 2018:** Scientific poster “Gut microbiota analysis in a group of diet-free obese patients”, 9th National Congress of the Italian Obesity Society, Milan.
- **October 11-13, 2018:** Scientific poster “Gut microbiota analysis in obese patients before and after lifestyle intervention”, 9th National Congress of the Italian Obesity Society, Milan.
- **December 16-19, 2016:** Scientific poster “CREAM study: Clinical correlation between ipilimumab-Related colitis and intestinal microbiota in metastatic melanoma patients”, Annals of Oncology Conference, vol. 27, Great Clarendon St, Oxford OX2 6DP, England: Oxford University Press, ISSN: 0923-7534, Singapore.
- **September 29 - October 1, 2016:** Scientific poster “Gut microbial profile in weight-cycling patients with obesity”, 8th National SIO Congress, organized by the Italian Obesity Society, Rome.

LANGUAGE CERTIFICATIONS

- **2021:** International IELTS ACADEMIC Certification at Level B2 (CEFR) in English, obtained at the British Council Milan.
- **2011:** IGL 2 Certification, Elementary Level in German, obtained at the University of Ulm (Germany).

COMPUTER CERTIFICATIONS

- **2021:** Professional IT certification for typing issued by the Institute for Scientific Research and Advanced Training (IRSAF), accredited by the Ministry of Education, University, and Research (MIUR).
- **2021:** Professional EIPASS IT certification issued by CERTIPASS, accredited by MIUR.

PROFESSIONAL CERTIFICATIONS

- **2020:** Training course for Workers exposed to specific risks and BSL3 laboratory training organized by the University of Cagliari, Prevention and Protection Service.
- **2019:** Training course in Radioprotection organized by the University of Cagliari, Department of Health Physics and Radioprotection.
- **2016:** General worker safety and health training course organized by the University of Sassari.

SCIENTIFIC SOCIETIES

- **2016-2019; 2021-2024:** Member of the Italian Society of Microbiology (SIM).
- **2022-2024:** Member of the Italian Society of Virology (SIV-ISV).

OTHERS

- **2020 - present:** Registered at the Provincial Order of Biologists of Cagliari, Section A.

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Cagliari, 10.02.2025

Vanessa Palmas