

# CURRICULUM VITAE

<b>PERSONAL INFORMATION</b>	Romania Stilo
	Dipartimento di Scienze e Tecnologie – Università degli Studi del Sannio
	E-mail
	Female

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input type="checkbox"/> Full professor	<input type="checkbox"/> Research Director and 1 <sup>st</sup> level Technologist/First Researcher and 2 <sup>nd</sup> level Technologist
<input type="checkbox"/> Mid-Management Level	<input checked="" type="checkbox"/> Associate professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee/worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level/Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level/Technical collaborator

<b>WORK EXPERIENCE</b>	
2022 - present	POSITION Associate Professor in Genetics SSD BIO/18
	INSTITUTION ADDRESS Dipartimento di Scienze e Tecnologie – Università degli Studi del Sannio
	<ul style="list-style-type: none"> <li>• Research Topics: Molecular Genetics; Molecular Immunology</li> </ul>
	Research
2008 - 2022	POSITION HELD Researcher in Genetics SSD BIO/18
	INSTITUTION ADDRESS Dipartimento di Scienze e Tecnologie – Università degli Studi del Sannio
	<ul style="list-style-type: none"> <li>• Research Topics: Molecular Genetics; Molecular Immunology</li> </ul>
	Research
2006-2008	POSITION HELD Junior Researcher
	INSTITUTION ADDRESS Biogem Institute for Genetic Research
	Research Topics: Molecular Genetics; Molecular Immunology
	Research

<b>EDUCATION AND TRAINING</b>
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2007	PhD in Genetics
	University of Sannio
	<ul style="list-style-type: none"> <li>• Topics: Molecular immunology</li> </ul>
2001	M. Sc. Chemistry
	University of Napoli Federico II
	<ul style="list-style-type: none"> <li>• Topics: Biological Chemistry</li> </ul>

**PHD SUPERVISION**

2018-present	<ul style="list-style-type: none"><li>• Dott.ssa Voccola Serena, Dottorato di ricerca in Scienze e Tecnologie per l'Ambiente e la Salute XXX ciclo, Titolo della tesi: "<i>Regulation of the transduction of the signal mediated from the CARMA / BCL10 / MALT1 complex</i>".</li><li>• Dott.ssa Jessica Raffaella Madera, Dottorato di ricerca in Scienze e Tecnologie per l'Ambiente e la Salute XXXII ciclo, Titolo della tesi: "<i>CARMA2 and its Role in TLRs Signaling</i>".</li><li>• Dott.ssa Tutela Angelpia Tutela, Dottorato di ricerca in Scienze e Tecnologie per l'Ambiente e la Salute XXXVII ciclo, Titolo del Progetto di tesi: "<i>Studio di SARS COV2: mutazioni, diffusione ed effetti a lungo termine</i>".</li></ul>
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**TEACHING**

2018-present	24 CFU/year of Genetics (SSD BIO18) for Bachelor students in Biological Sciences and Biotechnology and M. Sc. Students in Biology and Biotechnology
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**PUBBLICATIONS**

Publications best and most relevant in the last 10 years

1. Polvere I, Parrella A, Zerillo L, Voccola S, Cardinale G, D'Andrea S, Madera JR, Stilo R, Vito P, Zotti T. Humoral Immune Response Diversity to Different COVID-19 Vaccines: Implications for the "Green Pass" Policy. *Front Immunol.* 2022 May;
2. Polvere I, Voccola S, D'Andrea S, Zerillo L, Varricchio R, Madera JR, Stilo R, Vito P, Zotti T. Evaluation of FAST COVID-19 SARS-CoV-2 Antigen Rapid Test Kit for Detection of SARS-CoV-2 in Respiratory Samples from Mildly Symptomatic or Asymptomatic Patients. *Diagnostics (Basel)* 2022 Mar 7;
3. Zerillo L, Polvere I, Varricchio R, Madera JR, D'Andrea S, Voccola S, Franchini I, Stilo R, Vito P, Zotti T. Antibiofilm and repair activity of ozonated oil in liposome. *Microb Biotechnol.* 2022 May;15(5):1422-1433. doi: 10.1111/1751-7915.13949. Epub 2021 Nov 12;
4. Polvere I, Voccola S, Cardinale G, Fumi M, Aquila F, Parrella A, Madera JR, Stilo R, Vito P, Zotti T. A peptide-based assay discriminates individual antibody response to SARS-CoV-2. *Genes Dis.* 2021 Feb 5;
5. Polvere I, Parrella A, Casamassa G, D'Andrea S, Tizzano A, Cardinale G, Voccola S, Porcaro P, Stilo R, Vito P, Zotti T. Seroprevalence of Anti- SARS-CoV-2 IgG and IgM among Adults over 65 Years Old in the South of Italy. *Diagnostics (Basel).* 2021;11(3):483;
6. Polvere I, Silvestri E, Sabatino L, Giacco A, Iervolino S, Peluso T, Guida R, Zerillo L, Varricchio R, D'Andrea S, Voccola S, Madera JR, Zullo A, Stilo R, Vito P, Zotti T. Sample-Pooling Strategy for SARS-CoV-2 Detection among Students and Staff of the University of Sannio. *Diagnostics (Basel).* 2021;11(7):1166;
7. Mazzone P, Congestrì M, Scudiero I, Polvere I, Voccola S, Zerillo L, Telesio G, Vito P, Stilo R, Zotti T. (2020) UBAC1/KPC2 Regulates TLR3 Signaling in Human Keratinocytes through Functional Interaction with the CARD14/CARMA2sh-TANK Complex. *Int J Mol Sci.* 2020 Dec;
8. Reale C, Zotti T, Scudiero I, Vito P, Stilo R. (2018) The NF- $\kappa$ B Family of Transcription Factors and Its Role in Thyroid Physiology. *Vitam Horm.* 2018;106:195-210. doi: 10.1016/bs.vh.2017.05.003. Epub 2017;
9. Telesio G, Scudiero I, Pizzulo M, Mazzone P, Zotti T, Voccola S, Polvere I, Vito P, Stilo R. (2017). The E3 Ubiquitin Ligase RNF7 Negatively Regulates CARD14/CARMA2sh Signaling. *Int J Mol Sci.* 2017 Dec 1;18(12):2581. doi: 10.3390/ijms18122581 (2017);
10. Voccola S, Polvere I, Madera JR, Paolucci M, Varricchio E, Telesio G, Porcaro P, Vito P, Stilo R, Zotti T. (2020) CARD14/CARMA2sh and TANK differentially regulate poly(I:C)-induced inflammatory reaction in keratinocytes. *J Cell Physiol.* 2020 Mar;

11. Zotti T, Polvere I, Voccola S, Vito P, Stilo R. (2018) CARD14/CARMA2 Signaling and its Role in Inflammatory Skin Disorders. *Front Immunol.* 2018 Sep 26;9:2167. doi: 10.3389/fimmu.2018.02167. eCollection 2018. Review;
12. Scudiero I, Mazzone P, D'Andrea LE, Ferravante A, Zotti T, Telesio G, De Rubis G, Reale C, Pizzulo M, Muralitharan S, Vito P, Stilo R. CARMA2sh and ULK2 control pathogen-associated molecular patterns recognition in human keratinocytes: psoriasis-linked CARMA2sh mutants escape ULK2 censorship. *Cell Death Dis.* 2017;
13. Zotti T, Scudiero I, Vito P, Stilo R. (2017) The Emerging Role of TRAF7 in Tumor Development. *Journal of cellular physiology*, ISSN: 0021-9541;
14. Reale C, Iervolino A, Scudiero I, Ferravante A, D'Andrea LE, Mazzone P, Zotti T, Leonardi A, Roberto L, Zannini M, de Cristofaro T, Shanmugakonar M, Capasso G, Pasparakis M, Vito P, Stilo R. (2016). NF- $\kappa$ B Essential Modulator (NEMO) Is Critical for Thyroid Function. *Journal of biological chemistry*, vol. 291, p. 5765-5773;
15. Mazzone P, Scudiero I, Coccia E, Ferravante A, Paolucci M, D'Andrea EL, Varricchio E, Pizzulo M, Reale C, Zotti T, Vito P, Stilo R. (2015). Functional characterization of a BCL10 isoform in the rainbow trout *Oncorhynchus mykiss*. *FEBS OPENBIO*, vol. 5, p. 175-181, ISSN: 2211-5463, doi: 10.1016/j.fob.2015.01.007;
16. Mazzone P, Scudiero I, Ferravante A, Paolucci M, D'Andrea LE, Varricchio E, Telesio G, De Maio C, Pizzulo M, Zotti T, Reale C, Vito P, Stilo R. (2015). Functional characterization of zebrafish (*Danio rerio*) Bcl10. *PLOS ONE*, vol. 10, p. e0122365-14, ISSN: 1932-6203, doi: 10.1371/journal.pone.0122365;
17. Vito P, Stilo R (2014). 1999-2014: 15 years of BCL10. *Immunology letters*, vol. 160, p. 102-103, ISSN: 0165-2478;
18. Zotti T, Scudiero I, Settembre P, Ferravante A, Mazzone P, D'Andrea L, Reale C, Vito P, Stilo R. (2014). TRAF6-mediated ubiquitination of NEMO requires p62/sequestosome-1. *Molecular immunology*, vol. 58, p. 27-31, ISSN: 0161-5890;
19. D'Andrea EL, Ferravante A, Scudiero I, Zotti T, Reale C, Pizzulo M, De La Motte LR, De Maio C, Mazzone P, Telesio G, Vito P, STILO R (2014). The Dishevelled, EGL-10 and pleckstrin (DEP) domain-containing protein DEPDC7 binds to CARMA2 and CARMA3 proteins, and regulates NF- $\kappa$ B activation.. *PLOS ONE*, vol. 9, ISSN: 1932-6203, doi: 10.1371/journal.pone.0116062;
20. Scudiero I, Vito P, Stilo R (2014). The Three CARMA Sisters: So Different, So Similar. A Portrait of the Three CARMA Proteins and their Involvement in Human Disorders. *Journal of cellular*

	<p>physiology, vol. 229, p. 990-997, ISSN: 0021-9541, doi: 10.1002/jcp.24543;</p> <p>21. Mariano G, Stilo R, Terrazzano G, Coccia E, Vito P, Varricchio E, Paolucci M. Peptides (2013). Effects of recombinant trout leptin in superoxide production and NF-<math>\kappa</math>B/MAPK phosphorylation in blood leukocytes. Peptides, vol. 48, p. 59-69, ISSN: 0196-9781, doi: doi: 10.1016/j.peptides;</p> <p>22 . Zerillo L, Coletta CC, Madera JR, Grasso G, Tutela A, Vito P, Stilo R, Zotti T. Extremely low frequency-electromagnetic fields promote chondrogenic differentiation of adipose-derived mesenchymal stem cells through a conventional genetic program. Sci Rep. 2024 May 3;14(1):10182.</p> <p>23. Giannaccare G, Vaccaro S, Borselli M, Rossi C, Carnovale Scalzo G, Scalia G, Di Cesare Mannelli L, Ghelardini C, Zerillo L, Polvere I, Vito P, Zotti T, Stilo R, Scorcia V. A Novel Ophthalmic Solution Containing Glicopro<sup>®</sup> Complex for the Treatment of Patients with Dry Eye Disease: Results from a Pilot Study. J Clin Med. 2024 Mar 1;13(5):1447. doi: 10.3390/jcm13051447.</p>
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According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV.