



Leonardo Vincenzi

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● ABOUT ME

- Master's degree in medical bioinformatics
- PhD in Genetics at University of Verona
- Currently employed as Senior Researcher at the Medical University of Vienna

● EDUCATION AND TRAINING

02/2025 - CURRENT Vienna, Austria

POSTDOC RESEARCHER Department of Dermatology, Medical University of Vienna

PostDoc Researcher in the group of Dr. Matthias Wielscher at the Medical University of Vienna, Department of Dermatology.

<https://www.meduniwien.ac.at/web/en/research/the-research-at-the-meduni-vienna/>

Field of study Genetic and Genomics Bioinformatics

10/2021 - 09/2024 Verona, Italy

PHD STUDENT Functional Genomic Lab, Department of Biotechnology, University of Verona

PhD student in Genetic and Bioinformatics under the supervision of Professor M. Delledonne.

- Genome assemblies and annotation of plants
- Pangenome construction
- Meta-transcriptomics
- Genotyping-by-sequencing of plants' populations
- Next-Generation Sequencing technologies

Website

<https://www.dbt.univr.it/?ent=personaCid=47613>

Field of study Genetic and Genomics Bioinformatics

09/2019 - 07/2021 Verona, Italy

MASTER DEGREE IN MEDICAL BIOINFORMATICS University of Verona

Field of study Genetic and Genomics

Bioinformatics **Final grade** 110/110 cum Laude

Thesis "A deep comparison between two DNA sequencing technologies: MGI vs. Illumina"

Website <https://www.di.univr.it/?ent=csCid=769>

22/08/2019 - 21/12/2019 Helsinki, Finland

ERASMUS + EXCHANGE University of Helsinki

Field of study Life Science Informatics, Computer Science

Website <https://www.helsinki.fi/en>

09/2016 - 07/2019 Verona, Italy

BACHELOR'S DEGREE IN BIOINFORMATIC University of Verona

Field of study Bioinformatics

Final grade 105/110

Thesis "Development of methodologies for the qualitative analysis of assembled organisms de novo"

Website <https://www.di.univr.it/?ent=csCid=419>

● WORK EXPERIENCE

11/10/2022 - 20/10/2022 Brunei
GENETICS LAB EXPERT Taxon Expedition

I participated in a scientific expedition at the Kuala Belalong Field Studies Centre (KBFSC), located in Ulu Temburong National Park in northeastern Brunei Darussalam.
Website <https://taxonexpeditions.com/>

08/2020 - 12/2020 Verona, Italy
JUNIOR BIOINFORMATICS SCIENTIST University of Verona

Internship in laboratory of the university for the acquisition of bioinformatics skills for the analysis of second-generation sequencing data.

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**
Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH C1		C1	C1	C1	C1
GERMAN B1		B1	B1	B1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PUBLICATIONS

1. Cortinovis G, **Vincenzi L**, Anderson R et al. [Adaptive gene loss in the common bean pan-genome during range expansion and domestication](#). 2024 Aug 7, Nat Commun 15, 6698 doi: <https://doi.org/10.1038/s41467-024-51032-2>
2. Rossato M, Marcolungo L, De Antoni L, Lopatriello G, Bellucci E, Cortinovis G, Frascarelli G, Nanni L, Biotcchi E, Di Vittori V, **Vincenzi L**, Lucchini F, Bett KE, Remsay L, Konkin D, Delledonne M, Papa R. [CRISPR-Cas9-based repeat depletion for the high-throughput genotyping of complex plant genomes](#), 2023 May 1:gr.277628.122. doi: 10.1101/gr.277628.122.
3. Marcolungo L, **Vincenzi L**, Ballottari M, Cecchin M, Cosentino E, Mignani T, Limongi A, Ferraris I, Orlandi M, Rossato M, Delledonne M. [Structural Refinement by Direct Mapping Reveals Assembly Inconsistencies near Hi-C Junctions](#). Plants (Basel). 2023 Jan 10;12(2):320. doi: 10.3390/plants12020320.
4. Schilthuizen M, Berenyi S, Ezzwan NSMN, Hamdani NIAA, Wu H, De Antoni L, **Vincenzi L**, de Gier W, van Peursen ADP, Njunjić I, Delledonne M, Slik F, Grafe U, Cicuzza D. [A new semi-slug of the genus Microparmarion from Brunei, discovered, described and DNA-barcoded on citizen-science 'taxon expeditions' \(Gastropoda, Stylommatophora, Ariophantidae\)](#). 2023 Feb 6; Biodiversity Data Journal 11: e101579. doi.org/10.3897/BDJ.11.e101579