




Roberta Zampieri


Date of birth: 15/06/1988


Nationality: Italian

Gender: Female

CONTACT

 Via Olmo, 43,
37141 Verona, Italy (**Home**)

 roberta.zampieri@diamante.tech

 (+39) 3487492777

WORK EXPERIENCE

2018 - CURRENT Verona, Italy

Research&Development Manager Diamante Società Benefit srl

2016 - CURRENT Verona, Italy

BOD President Diamante Società Benefit srl

2009 - 2013 Rimini, Italy

Collaborator in the management of congresses Maggioli spa

2017 - 2018 Verona

University research assistant University of Verona

Project ARIMNet named :“ Plant disease biocontrol by means of non-infectious biodegradable proteinaceous nanoparticles NANOBIOAGRI”

EDUCATION AND TRAINING

2014 - 2017 Verona

PhD University of Verona

Field of study Biotechnology | **Thesis** Plant Viruses: the many aspects of a fascinating nano-biotechnological tool

2012 - 2013 Verona

Master degree University of Verona

Field of study Agri-food Biotechnology | **Final grade** 110/110 |
Thesis Produzione di peptidi immunodominanti associati a malattie autoimmuni mediante virus vegetali (Autoimmune disease associated immunodominant peptides production using plant viruses)

2009 - 2011 Verona

Degree Univeristy of Verona

Field of study Agro-industrial Biotechnology | **Final grade** 102/110 |
Thesis Produzione e caratterizzazione di piante di tabacco transgeniche esprimenti una molecola di interesse medico (Characterization and production of tobacco plants transformed for the production of a medical molecule)

2021 Verona, Italy

Course regarding: Tools for Remote Co-operative Work Formazione t2i

2021 Verona

Course regarding: Employer branding Formazione t2i

2021 Verona, Italy

Course regarding: Manage feedbacks assertively Formazione t2i

2021 Verona, Italy

● **Course regarding: Digital integration of business processes** Formazione t2i

Verona, Italy

● **Course regarding: AGILE approach** Formazione t2i

● **Scientific publications**

1. Santoni M, Gecchele E., **Zampieri R.**, Avesani L. Plant-based system for vaccine production. Vaccine design, 2020
2. **Zampieri R.**, Brozzetti A., Pericolini E., Bartoloni E., Gabrielli E., Roselletti E., Lomonossoff G., Meshcheriakova Y., Santi L., Imperatori F., Merlin M., Tinazzi E., Dotta F., Nigi L., Sebastiani G., Pezzotti M., Falorni A., Avesani L. Prevention and treatment of autoimmune diseases by plant virus nanoparticles. Science advances, 2020
3. Santoni M., **Zampieri R.**, Avesani L. Plant Virus Nanoparticles for Vaccine Applications. Current Protein & Peptide Science, 2020
4. Santoni M., Ciardiello M.A., **Zampieri R.**, Pezzotti M., Giangrieco I., Rafaiani C., Ciancamerla M., Mari A., Avesani L. Plant-made Bet V1 for molecular diagnosis. Frontiers in Plant Science, 2019
5. Santoni M. Bertini E., **Zampieri R.**, Cucurullo A., Commisso M., Gecchele E., Avesani L. Transient expression in red beet of a biopharmaceutical candidate vaccine for type-1 diabetes. JoVE, 2019
6. Tinazzi E., Merlin M., Bason C., Beri R., **Zampieri R.**, Lico C., Bartoloni E., Puccetti A., Lunardi C., Pezzotti M., Avesani L. Plant-derived chimeric virus particles for the diagnosis of primary Sjögren's Syndrome. Frontiers in Plant Science, 2015

● **Patent**

Zampieri R., Danzi D., Avesani L., Vandelle E. "Nanoparticelle capsidiche di virus del mosaico del fagiolo dall'occhio prive di materiale genetico per il trattamento di una malattia della parte aerea di una pianta." Domanda brevettuale No. 10202000029498.

Zampieri R., Avesani L., Gecchele E., Garonzi V., Sgaravatti E. "Composition of matter and method of engineered virus-based nanoparticles for the treatment of rheumatoid arthritis" File No. 1266-001PCT1.

Avesani L., **Zampieri R.**, Garonzi V., Pivotto D., Mazzariol A. "Composition of matter and method of engineered plant made human tear lipocalin via virus delivery for the treatment of antibiotic resistant bacteria" File No. 1266-002USP1.

Garonzi V., Avesani L., **Zampieri R.** "Composition of matter and method of an engineered virus-based nanoparticles for the treatment of multiple sclerosis" File No. 1266-004USP1.

Garonzi V., Avesani L., **Zampieri R.** "Composition of matter and method of an engineered virus-based nanoparticles for the treatment of lupus" File No. 1266-003USP1.

● **Tutor at thesis degree**

- Academic year 2022-2023. Evaluation of VNPs production in plant systems for peptide display. Alessia Raneri. Tutor: Linda Avesani; Co-tutor: **Roberta Zampieri**
- Academic year 2021-2022 Giulia Citterio. Early investigation into an edible platform for the production of TBSV-based therapeutic particles for the treatment of rheumatoid arthritis Tutor: Linda Avesani; Co-tutor: **Roberta Zampieri**
- Academic year 2018-2019. The development of a new viral expression platform for in planta peptide production. Debora Gandini. Supervisor: Linda Avesani; Tutor: **Roberta Zampieri**
- Academic year 2016-2017. A plant based approach in the development of diagnostic kits for allergies and autoimmune diseases. Mattia Santoni. Tutor: Linda Avesani; Co-tutor: **Roberta Zampieri**
- Academic year 2015-2016. Produzione in pianta di un peptide antimicrobico utilizzando Virus Like Particles (eVLPs). Luca Pontalto. Tutor: Linda Avesani; Co-tutor: **Roberta Zampieri**

● **Prizes and awards**

- 2021. Società Italiana di Genetica Agraria - Michele Stanca prize for the best publication published in 2020- **Roberta Zampieri**
- 2021. Premio Investiamo sul futuro de Le Village by CA Triveneto a Diamante srl.
- 2021. Premio B Factor - Fondazione Bellisario a Diamante srl
- 2018. Premio Best Female Startup of the year a Diamante srl - Lean-In Woman Bussiness Angel EU Community
- 2016. Premio Marisa Bellisario. Germoglio d'oro. Fondazione Marisa Bellisario assegnato a Diamante srl
- 2016. Global Social Venture Competition. Migliore idea nel settore health. Fondazione Filarete, ALTIS assegnato a Diamante srl
- 2016. UK-Italy Business Award. Entrepreneurship Award. UK Trade and Investment assegnato a Diamante srl
- 2015. Unicredit Start Lab. Idea Progettuale "Diamante". UniCredit assegnato a Diamante srl
- 2015. Premio Pari Opportunità. Idea Progettuale "Diamante". Premio Nazionale Innovazione
- 2015. Start Cup Veneto. 2° classificata, idea Progettuale "Diamante"

Relator to oral presentation

1. Salotto Invernizzi 2018. "L'impatto di scienza e tecnologia sul nostro futuro". 27th November 2018. **Zampieri R.**
2. 2a World Day of Sjögren's Syndrome, 23th July 2016, Grand Hotel Salerno, Salerno, Italia. "Le biotecnologie vegetali per lo sviluppo di un kit diagnostico innovativo per la Sindrome di Sjögren". **Zampieri R.**
3. The 2nd Conference of the International Society of Plant Molecular Farming (ISPMF), 26th May 2016, Ghent, Belgium. "Modified plant-virus nanoparticles for Sjögren's Syndrome diagnosis". **Zampieri R.**
4. Dalla riabilitazione e supporto psicologico al PDTA nella persona affetta dalla Sindrome di Sjögren, 18th March 2016, Circolo Unificato Dell'esercito, Verona, Italia. "Le biotecnologie vegetali per lo sviluppo di un kit diagnostico innovativo per la Sindrome di Sjögren". **Zampieri R.**
5. X National congress of Sjögren's Syndrome "Sindrome di Sjögren: malattia rara, degenerativa ed invalidante", 14th November 2015, Policlinico G.B. Rossi, Verona, Italia. "Le biotecnologie vegetali per lo sviluppo di un kit diagnostico innovativo per la Sindrome di Sjögren". **Zampieri R.**, Baschieri S.

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening B2

Reading C1

Writing B2

Spoken production B1

Spoken interaction B2

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

DIGITAL SKILLS

Microsoft Word | Java | C++



14/03/2025

