

## WORK EXPERIENCE

15/03/2022 – today

University of Trieste, Department of Life Sciences, Italy.

**Tenure Track Researcher in Biochemistry** (RtdB - BIO/10).

09/11/2021 – 14/03/2022

University of Trieste, Department of Life Sciences, Italy.

**Lecturer as Contract Professor.**

01/11/2018 – 31/10/2021

University of Trieste, Department of Medical Sciences, Trieste, Italy.

**Research fellow** attending the Ph.D. program in Science of Reproduction and Development.

12/10/2017 – 11/10/2018

University of Trieste, Department of Life Sciences, Trieste, Italy.

**Research fellow.**

01/04/2017 – 31/09/2017

University of Trieste, Department of Life Sciences, Trieste, Italy.

**Research fellow** TALENT<sup>3</sup> project “RIBOPRAMP”

01/04/2016 – 31/03/2017

Ludwig Maximilian Universität, Gene Zentrum, Munich, Germany.

**Research fellow** TALENT<sup>3</sup> project “RIBOPRAMP”

01/04/2013 – 31/03/2016

University of Trieste, Department of Life Sciences, Trieste, Italy.

**Research fellow..**

01/03/2010 – 28/02/2013

University of Trieste, Department of Life Sciences, Trieste, Italy.

**Research fellow** attending the Ph.D, program in Molecular Biomedicine.

## PROFESSIONAL ROLES AND ACTIVITIES

**Coordination of international scientific networks** for the development of projects. Independent **writing of papers and grant proposals**. Active **dissemination of results** for scientific and non-scientific public. **Experimental** activities and **management** of laboratory activities. **Supervision** of students attending masters and PhD programs. **Teaching** for university courses.

## DEGREES and EDUCATION

22/04/2013

University of Trieste, Trieste, Italy, **Ph.D. in Molecular Biomedicine.**

03/09/2009

University of Trieste, Trieste, Italy. **Master of Science in Functional Genomics** (mark 110/110 *cum laude*).

30/06/2009

University of Paris Diderot – Paris 7, Paris, France, **Master of Science in Genetics** (mark 14.77/20).

05/09/2007

University of Trieste, Trieste, Italy, **Bachelor's degree in Biology** (mark 110/110 *cum laude*).

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## SCIENTIFIC AND PROFESSIONAL QUALIFICATION

18/11/2020

Ministry of University and Research, Italy.

**Abilitazione Scientifica Nazionale** – National Scientific Qualification as Associate Professor in Biochemistry (BIO/10).

09/2010 (second session 2010)

University of Trieste, Trieste, Italy,

**State certification exam for “Biologist”**, mark 183/200.

## AFFILIATIONS AND MEMBERSHIPS

Member of the **Italian Peptide Society** (ItPS) since 2019.

## AWARDS AND HONORS

“**Erspamer award**”, as young researcher contributing to the peptide science, from the Italian Peptide Society, September 2019.

## PERSONAL GRANTING AND FUNDING

01/04/2016 – 31/10/2017

Winner of the **Talent<sup>3</sup> fellowship program** (2014/2020 Regional Operative Programme of the European Social Fund) with the project “RIBOPRAMP - Optimization of proline-rich antimicrobial peptides as new antibiotic targeting the bacterial ribosome”.

## TEACHING, MENTORING AND TUTORING

2022/2023 (A.Y.)

University of Trieste, Trieste, Italy.

**Lecturer as Tenure Track Researcher.**

2021/2022 (A.Y.)

University of Trieste, Trieste, Italy.

**Lecturer as Contract Professor.**

2020/2021 (A.Y.)

University of Trieste, Trieste, Italy.

**Laboratory assistant.**

2016/2017 (A.Y.)

University of Trieste, Trieste, Italy

**Laboratory assistant.**

2010-2022

**Co-supervisor of 3 Bachelor theses and 9 Master theses** (degree in Functional Genomics, Biology, Pharmacy, Chemistry, at the University of Trieste).

## ORAL PRESENTATIONS AT SCIENTIFIC MEETINGS AS SELECTED OR INVITED SPEAKER

19/07/2021

International seminar – Antimicrobial peptides as prototypes of novel antibiotics, Saint Petersburg, Russia, July 2021.

21/09/2019

Giornata scientifica della Società Italiana Peptidi dedicata ai Soci Giovani - Premio scientifico Vittorio Erspamer, Firenze, Italy, September 2019.

28/08/2019

9th International Meeting on Antimicrobial Peptides -IMAP2019", Utrecht, The Netherlands, August 2019.

25/08/2017

International Meeting on Antimicrobial Peptides (IMAP), Copenaghen, Denmark, August 2017.

29/06/2012

XI National Congress of Biotechnology (CNBXI), Varese, Italy, June 2012.

## EDITORIAL ACTIVITY

**Referee** for international journals, among them, International Journal of Molecular Sciences, Biochemie and Scientific Reports.

## SCIENTIFIC COLLABORATION NETWORK, past and ongoing.



## LANGUAGES SKILLS

Mother tongue: **Italian** Other languages: **English, German**

Language:	Italian		English		German	
Production:	Speaking	Writing	Speaking	Writing	Speaking	Writing
Level:	Excellent	Excellent	Very good	Very good	Fair	Fair

## PUBLICATIONS ON INTERNATIONAL PEER-REVIEWED JOURNALS

\* corresponding author, <sup>a</sup> contribution equal to the first author

- Musciacchio L, **Mardirossian M**, Guagnini B, Raffini A, Rizzo M, Trombetta C, Liguoti G, Turco G, Porrelli D (2022) *Materials & Design*
- Rončević T, Gerdol M, **Mardirossian M**, Maleš M, Cvjetan S, Benincasa M, Maravić A, Gajski G, Krce L, Aviani I, Hrabar J, Trumbić Ž, Derks M, Pallavicini A, Weingarh M, Zoranić L, Tossi A, Mladineo I. (2022) *Acta Biomater.*
- Degasperi M, Sgarra R, **Mardirossian M**, Pacor S, Maschio M, Scocchi M (2022) *Antibiotics*.
- Mardirossian M\***, Rubini M, Adamo MFA, Scocchi M, Saviano M, Tossi A, Gennaro R, Caporale A\* (2022) *Molecules*.
- Doti N, **Mardirossian M**, Sandomenico A, Ruvo M, Caporale A. (2021) *Int J Mol Sci*.
- Armas F, Di Stasi A, **Mardirossian M**, Romani A, Benincasa M, Scocchi M. (2021) *Int J Mol Sci*.
- Pacor S, Benincasa M, Musso MV, Krce L, Aviani I, Pallavicini A, Scocchi M, Gerdol M, **Mardirossian M\***. (2021) *Peptides*
- Porrelli D, **Mardirossian M**, Crapisi N, Urbam M, Ulian NA, Bevilacqua L, Turco G, Maglione M. (2021) *J of Mat Sci Tech*.
- Porrelli D, **Mardirossian M**, Musciacchio L, Pacor M, Berton F, Crosera M, Turco G. (2021) *ACS Appl Mater Interfaces*.
- Rupel K, Zupin L, Brich S, **Mardirossian M**, Ottaviani G, Gobbo M, Di Lenarda R, Pricl S, Crovella S, Zacchigna S, Biasotto M. (2021) *J Biophotonics*.
- Sola R, **Mardirossian M**, Beckert B, De Luna LS, Prickett D, Tossi A, Wilson DN, Scocchi M. (2020) *Int J Mol Sci*.
- Mardirossian M**, Sola R, Beckert B, Valencic E, Collis DWP, Borišek J, Armas F, Di Stasi A, Buchmann J, Syroegin EA, Polikanov YS, Magistrato A, Hilpert K, Wilson DN, Scocchi M. (2020) *J Med Chem*.
- Degasperi M, Agostinis C, **Mardirossian M**, Maschio M, Taddio A, Bulla R, Scocchi M. (2020) *Microorganisms*.
- Berton F, Porrelli D, Turco G, **Mardirossian M**, Nicolin V, Rizzo R, Stacchi C, Di Lenarda R. (2019) *Global J Oral Sci*.
- Mardirossian M**, Sola R, Beckert B, Collis DWP, Di Stasi A, Armas F, Hilpert K, Wilson DN, Scocchi M. (2019) *Chem Med Chem*.

16. **Mardirossian M**, Sola R, Degasperi M, Scocchi M. (2019) *Chem Med Chem*.
17. Furlan M, Rosani U, Gambato S, Irato P, Manfrin A, **Mardirossian M**, Venier P, Pallavicini A, Scocchi M. (2018) *J Pept Sci*.
18. **Mardirossian M**, Barriere Q, Timchenko T, Muller C, Pacor S, Mergaert P, Scocchi M, and Wilson DN. (2018) *Antimicrob Agents Chemother*.
19. **Mardirossian M**, Perebaskine N, Benincasa M, Gambato S, Hofmann S, Huter P, Muller C, Hilpert K, Innis CA, Tossi A, Wilson DN. (2018) *Cell Chem Biol*.
20. Leoni G, De Poli A, **Mardirossian M**, Gambato S, Florian F, Venier P, Wilson DN, Tossi A, Pallavicini A, Gerdol M. (2017) *Mar Drugs*.
21. **Mardirossian M**, Pompilio A, Degasperi M, Runti G, Pacor S, Di Bonaventura G, Scocchi M. (2017) *Front Chem*.
22. Graf M, **Mardirossian M<sup>a</sup>**, Nguyen F, Seefeldt AC, Guichard G, Scocchi M, Innis CA, Wilson DN. (2017) *Nat Prod Rep*.
23. **Mardirossian M**, Pompilio A, Crocetta V, De Nicola S, Guida F, Degasperi M, Gennaro R, Di Bonaventura G, Scocchi M. (2016) *Amino Acids*.
24. Paulsen VS, **Mardirossian M<sup>a</sup>**, Blencke HM, Benincasa M, Runti G, Nepa M, Haug T, Stensvåg K, Scocchi M. (2016) *Microbiology SGM*.
25. Seefeldt AC, Graf M, Pérébaskine N, Nguyen F, Arenz S, **Mardirossian M**, Scocchi M, Wilson DN, Innis CA. (2016) *Nucleic Acid Res*.
26. Scocchi M, **Mardirossian M**, Runti G, Benincasa M. (2016) *Curr Top Med Chem*.
27. Bociek K, Ferluga S, **Mardirossian M**, Benincasa M, Tossi A, Gennaro R, Scocchi M. (2015) *J Biol Chem*.
28. **Mardirossian M**, Grzela R, Giglione C, Meinel T, Gennaro R, Mergaert P, Scocchi M. (2014) *Chem Biol*.
29. Mattiuzzo M, De Gobba C, Runti G, **Mardirossian M**, Bandiera A, Gennaro R, Scocchi M. (2014) *J Microbiol Biotechnol*.
30. Pompilio A, Crocetta V, Scocchi M, Pomponio S, Di Vincenzo V, **Mardirossian M**, Gherardi G, Fiscarelli E, Dicuonzo G, Gennaro R, Di Bonaventura G. (2012) *BMC Microbiol*.