



Paola Rispoli

Date of birth: 21/05/1996

WORK EXPERIENCE

UNIVERSITY OF TRIESTE – TRIESTE, ITALY

POSTDOCTORAL RESEARCHER – 01/11/2024 – CURRENT

EDUCATION AND TRAINING

01/11/2021 – 21/03/2025 Trieste, Italy

PHD PROGRAM IN REPRODUCTION AND DEVELOPMENTAL SCIENCES University of Trieste

Level in EQF EQF level 8 |

Thesis Induced pluripotent stem cells (iPSCs) as a model to study the toxicity of thiopurines: personalization of the therapy in pediatric patients with inflammatory bowel disease

15/01/2024 – 01/07/2024 Matsumoto, Japan

VISITING PHD STUDENT Shinshu University - Department of Histology and Embryology

Generation of iPSC-derived pancreatic organoids

11/04/2023 – 31/07/2023 Brescia, Italy

VISITING PHD STUDENT "A. Nocivelli" Institute for Molecular Medicine

Reprogramming of patients' PBMCs into iPSCs

01/10/2015 – 23/03/2021 Bologna, Italy

SINGLE CYCLE DEGREE IN PHARMACY Alma Mater Studiorum - University of Bologna

Final grade 110 cum laude | Level in EQF EQF level 7 |

Thesis Caratterizzazione farmacologica di nuovi ligandi per le integrine per il trattamento di patologie infiammatorie e virali

2010 – 2015 Soverato, Italy

SCIENTIFIC HIGH SCHOOL DIPLOMA A. Guarasci Scientific High School

Level in EQF EQF level 4

PUBLICATIONS

2025

Unraveling the cellular mechanisms of thiopurine-induced pancreatitis in pediatric inflammatory bowel disease: Insights from induced pluripotent stem cell models

Rispoli P, Genova E, et al., Biomedicine & Pharmacotherapy (2025 Oct) 191:118539. doi: 10.1016/j.biopha.2025.118539

2024

Time-efficient strategies in hiPS cell-derived pancreatic progenitor differentiation and cryopreservation: advancing towards practical applications

Genova E., Rispoli P., et al., Stem Cell Research & Therapy (2024), 15(1), 483. doi: 10.1186/s13287-024-04068-6

2024

iPSCs as a groundbreaking tool for the study of adverse drug reactions: A new avenue for personalized therapy

Rispoli, P. et al., WIREs mechanisms of disease vol. 16,1 (2024): e1630. doi:10.1002/wsbm.1630

2023

A closer look at induced pluripotent stem cells: iPSCs as an innovative tool for adverse drug reactions assessment and therapy personalization

Rispoli, P. et al., Health and Disease vol. 78, (2023). ISBN: 979-8-89113-382-2

● CONFERENCES AND SEMINARS

03/05/2024 – 10/05/2025 Venice, Italy

Organoids and Neural Reprogramming for Disease Modeling Summer School

13/11/2024 – 16/11/2024 Sorrento, Italy

42nd SIF (Italian Society of Pharmacology) National Congress

Poster title: "Development of iPSC-derived exocrine pancreatic organoids to study drug-induced toxicity"

Authors: Paola Rispoli, Marianna Lucafò, Fengming Yue, Giovanni Sorrentino, Giuliana Decorti, Gabriele Stocco

25/09/2024 – 29/09/2024 Syros Island, Greece

Golden Helix Summer School

Abstract title: "Induced pluripotent stem cells (iPSCs)-derived pancreatic models as a tool to study thiopurine-induced pancreatitis in a personalized way"

Authors: Paola Rispoli, Elena Genova, Fengming Yue, Rosalba Monica Ferraro, Silvia Clara Giliani, Matteo Bramuzzo, Giuliana Decorti, Marianna Lucafò, Gabriele Stocco

05/09/2023 – 08/09/2023 Urbino, Italy

XXV Conference of Young SIF Pharmacologists

Poster title: "Induced pluripotent stem cells (iPSCs)-derived pancreatic models as a tool for personalized medicine: a focus on thiopurine-induced pancreatitis"

Authors: Paola Rispoli, Elena Genova, Marianna Lucafò, Gabriele Stocco, Matteo Bramuzzo, Giuliana Decorti

22/03/2023 – 24/03/2023 Virtual attendance

ASCPT (American Society for Clinical Pharmacology & Therapeutics) 2023 Annual Meeting

Poster title: Induced pluripotent stem cells (iPSCs) as a model to study the toxicity of thiopurines: personalization of the therapy in pediatric patients with inflammatory bowel disease (IBD)

Authors: Paola Rispoli, Elena Genova, Marianna Lucafò, Fengming Yue, Marco Pelin, Sasaki Katsunori, Silvia Giliani, Matteo Bramuzzo, Alberto Tommasini, Gabriele Stocco, Giuliana Decorti

Link <https://doi.org/10.1002/cpt.2835>

16/11/2022 – 19/11/2022 Rome, Italy

41st SIF National Congress

Poster title: "Induced pluripotent stem cells (iPSCs)-derived pancreatic models as a powerful tool for pharmacological studies"

Authors: Paola Rispoli, Elena Genova, Marianna Lucafò, Gabriele Stocco, Matteo Bramuzzo, Giuliana Decorti

● HONOURS AND AWARDS

2024

SIF Research Grant for Short-Term Research Abroad – Italian Society of Pharmacology (SIF)

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	C1

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

SKILLS

Excellent command of Office package | Data Analysis using GraphPad Prism | Basic knowledge of Artificial Intelligence

CERTIFICATIONS

IELTS Certification Overall Band Score 7.5 (CEFR Level C1)

Autorizzo il trattamento dei dati personali nelle modalità previste dal Regolamento UE 2016/679

Trieste , 02/11/2025

Paola Rispoli