

PERSONAL INFORMATION



Tea Romasco

Work address Laboratory of Vascular and Stem Cell Biology, Department of Medical, Oral and Biotechnological Sciences, University "G. d'Annunzio", Chieti-Pescara
Center for Advanced Studies and Technology (CAST, formerly CeSI-MeT)
Via Luigi Polacchi, 11-13 (formerly via Colle dell'Ara) 66100, Chieti, Italy

+39 0871 541413 +39 346 334 9879

tea.romasco@unich.it

[linkedin.com/in/tea-romasco-067162200](https://www.linkedin.com/in/tea-romasco-067162200)

Sex Female | Date of birth 09/05/1995 | Nationality Italian

ACADEMIC POSITION

PhD Student

Laboratory of Vascular and Stem Cell Biology, Department of Medical, Oral and Biotechnological Sciences, Center for Advanced Studies and Technology (CAST, formerly CeSI-MeT), University "G. d'Annunzio" Chieti-Pescara, Italy

EDUCATION AND TRAINING

11/2021 – ongoing

PhD in Medical Biotechnologies in Integrated Surgery

Laboratory of Vascular and Stem Cell Biology, Department of Medical, Oral and Biotechnological Sciences, Center for Advanced Studies and Technology (CAST, formerly CeSI-MeT), University "G. d'Annunzio" Chieti-Pescara, Italy

Tutor: Dr. Natalia Di Pietro, SSD MED/50, Area 06

11/2020

Italian Government Pharmacist Licence

University "G. D'Annunzio" Chieti-Pescara, Italy

10/2015 – 11/2020

Master's Degree in Pharmacy and Industrial Pharmacy (LM-13), vote 110/110 cum laude

Level 7 EQF

University "G. D'Annunzio" Chieti-Pescara, Italy

Research thesis (10/2020 – 11/2021): Chemical and clinical evaluations of natural products by FPSE-HPLC-PDA.

Laboratory of Analytical Chemistry, Department of Pharmacy, University "G. D'Annunzio" Chieti-Pescara, Italy

Tutor: Prof. Marcello Locatelli

09/2008 – 06/2013

Scientific high school diploma, evaluation 97/100

Level 6 EQF

University "G. D'Annunzio" Chieti-Pescara, Italy

PROFESSIONAL EXPERIENCE

07/2019 – 01/2020

Professional Internship

Farmacia Alleva, Pescara, Italy

12/2018 – 06/2019

University Tutor

University "G. D'Annunzio" Chieti-Pescara, Italy

▪ Tutoring activity in Analytical Chemistry for Pharmacy students

PERSONAL SKILLS

Native language

Italian

Other languages

COMPREHENSION	SPOKEN	WRITTEN PRODUCTION
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	Listening	Reading	Interaction	Oral production	
English	C1	C1	C1	C1	C1
Language Cert Level 2 Certificate in ESOL International (Expert C1)					

Levels: A1/A2: Basic user - B1/B2: Intermediate user - C1/C2: Advanced user
[Common European Framework of Reference for Languages](#)

Digital skills

- Excellent knowledge of the Microsoft Office package™ (Word™, Excel™, PowerPoint™)
- Excellent knowledge of scientific data processing programs (GraphPad Prism 6, Empower 3)
- Excellent knowledge of chemistry related softwares (ChemDraw)
- Good knowledge of programs for image reprocessing (ImaJ)

Professional skills

- Molecular Biology: polymerase chain reaction (PCR), reverse transcription-polymerase chain reaction (RT-PCR), *real time* RT-PCR, extraction methods of nucleic acids (RNA) from cell cultures
- Cell Biology: human primary cell cultures (osteoblasts, gingival fibroblasts, umbilical cord endothelial cells), murine primary cell cultures (fibroblasts), cellular biology and cell cryopreservation techniques, cell vitality assays (MTT, Calcein AM), mineralization assay (Alizarin Red Staining), wound healing assay
- Histological techniques: Immunocytochemistry analysis
- Biochemical techniques: Immunofluorescence analysis, sample preparation for Flow cytometry analysis (FACS Canto)
- Microscopical techniques: Optical, Confocal, SEM
- Chromatographic analysis: HPLC-PDA
- Analytical methods development and validation
- Extraction techniques: FPSE (Fabric Phase Sorptive Extraction)

Communication, organizational and management skills

- Excellent relational and teamwork skills (thanks to the thesis and PhD experiences)
- Excellent exposure skills, also in English
- Excellent organizational skills (thanks to the tutoring and PhD activities)
- Excellent technical problem-solving skills
- Dynamism, flexibility, proactiveness, workaholicism and determination

FURTHER INFORMATION

Original Peer-Reviewed Publications (Total: 1)

- Tartaglia A, **Romasco T**, D'Ovidio C, Rosato E, Ulusoy H I, Furton K G, Kabir A, Locatelli M. "Determination of phenolic compounds in human saliva after oral administration of red wine by high performance liquid chromatography", Journal of Pharmaceutical and Biomedical Analysis, Volume 209, 5 February 2022, 114486, J. Accepted: 18/11/2021, First published: 05/02/2022, doi: <https://doi.org/10.1016/j.jpba.2021.114486>. **IF 3.935**

Abstracts for International Conferences (Total: 1)

- **Romasco T**, Mandrillo PM, Schiavone V, Pelusi L, Piattelli A, Di Pietro N. "Nuovi approcci per la rigenerazione dei tessuti parodontali: efficacia in vitro ed in vivo della biorivitalizzazione collagenica". Technological Innovations and Experimental Protocols in Periodontology, Oral Surgery and Orthodontics. Use of Growth Factors, Clinical Relevance and Prospectives, **4° International Conference**, Bari, Italy (8-10/09/2022) (**Poster presentation**)

Abstracts for National Conferences (Total: 4)

- **Romasco T**, Schiavone V, Di Pietrantonio N, Baldassarre MPA, Di Tomo P, Cappellacci I, Formoso G, Ragno R, Pandolfi A, Di Pietro N. "Oli essenziali e loro effetti in un modello di infiammazione endoteliale associato ad iperglicemia". **Italian Society of Diabetes (SID)**, 29th National Conference, Rimini, Italy (Poster Discussion) (26-29/10/2022)
- Pelusi L, Mandatori D, Di Pietro N, Del Pizzo F, **Romasco T**, Di Tomo P, Buda R, Genovese S, Epifano F, Fiorito S, Pipino C, Pandolfi A. "*Estrogen receptor 1 (ESR1) and Wnt/ β -catenin pathway mediated the effect of coumarin derivative on bone mineralization*". **Italian Society of Biology and General and Molecular Genetics (AIBG)**, XX National Conference, Rome, Italy (23-24/09/2022)
- **Romasco T**, Di Pietro N, Schiavone V, Mandrillo PM, Pelusi L, Pandolfi A, Cannarozzo MG. "*Biorivitalizzazione collagenica: potenziale ruolo di un nuovo medical device nella rigenerazione dei tessuti molli parodontali*". **Medical Conference Closed Meeting ANTECH**. Clinical Research and Innovation. Area of Medicine and Science for life. Research, Innovation and New Technologies for Global Health. TaoBuk, Taormina Book Festival, Taormina, Italy. TaoBuk Da Vinci Award, Contest 2022 (17-20/06/2022) (**Oral presentation**)
- Cannarozzo MG, **Romasco T**, Di Pietro N, Cordovana S, Lo Giudice R, Pierfelice TV, D'Amico E. "*Effetti di una nuova terapia fotodinamica basata su acido 5-aminolevulinico e led (630nm): dalla ricerca di base alle applicazioni cliniche in campo dentale*". **Medical Conference Closed Meeting ANTECH**. Clinical Research and Innovation. Area of Medicine and Science for life. Research, Innovation and New Technologies for Global Health. TaoBuk, Taormina Book Festival, Taormina, Italy. TaoBuk Da Vinci Award, Contest 2022 (17-20/06/2022) (**Oral presentation**) **INNOVATION AWARD- CLINICAL APPLICATIONS- BIOPHYSICS**. Pubbl. Corriere salute, Edra Edizioni, In salute News e Quotidiano Sanità.

Member of Scientific Societies

- SID (Italian Society of Diabetes) (**2022**)
- SIF (Italian Society of Phlebology) (**2022**)
- BBBA (Bone, Biomaterials and Beyond Academy) (**2022**)
- Cenacolo Odontostomatologico Adelante (**2022**)

Awards for Research Activities

- **TaoBuk Da Vinci Award, Innovation Award- Clinical Applications- Biophysics**. Contest 2022, Taormina Book Festival. Publ. Corriere salute, Edra Edizioni, In salute News e Quotidiano Sanità. Oral presentation: "*Effetti di una nuova terapia fotodinamica basata su acido 5-aminolevulinico e led (630nm): dalla ricerca di base alle applicazioni cliniche in campo dentale*" (17-20/06/2022)

Conferences, Seminars, Workshops and Webinars

- "*BBB Academy Closed Meeting*", BBB Academy Congress (11/06/2022)
- "*Volumetric changes in immediate post-extraction sites in the esthetic area*", Dr. D'Avenia, BBB Academy, webinar online (24/05/2022)
- "*When Digital and Biology come together*", Dr. Lavorgna, BBB Academy, webinar online (26/04/2022)
- "*Le indagini forensi ed il contributo della spettrometria di massa*", 3^o seminario di approfondimento sulla chimica analitica forense, SCI, Mass Spectrometry Division (25/03/2022)
- "*Salute parodontale e perimplantite: nuove prospettive concepite attorno al ruolo chiave dei tessuti molli*", Dott.ssa Di Pietro, Prof. Piattelli, Prof. Trabalza, Colgate Talks, webinar online (14/03/2022)
- "*Humanizing the drug discovery and development process with organ-on-chips*", Emulate, GEN, digital event (09/03/2022)
- "*Randomized clinical trials, meta-analysis and clinical practice guidelines: the need for a transparent link between evidence and clinical practice*", Prof. Baigent, University of Oxford, UK, Accademia Medica di Roma, webinar online (24/02/2022)
- "*Peri-implantitis revisited: un nuovo approccio diagnostico e terapeutico alla malattia parodontale ed alla peri-implantite*", Prof. Piattelli, Prof. Trabalza, Colgate Talks, webinar online (11/10/2021)

Main Training Courses (Total: 4)

- **Urgency and Medical Emergency Course** (12/2021)
Center for Advanced Studies and Technology (CAST, ex CeSI-MeT), Chieti, Italia
- **Essentials of Biostatistics for biomedical research**, Prof. Di Nicola e Prof. Borrelli, included in the didactic activities and PhD seminars (11/2021 – 01/2022)
- **Excel 2016 – Essential Training**, Dennis Taylor, LinkedIn Learning Course (06/2021)
- **Certificate of training for workers medium risk** (07/2016)
Università degli Studi "G. D'Annunzio" Chieti-Pescara, Italia

I authorize the processing of my personal data pursuant to Legislative Decree 30 June 2003, n. 196 "Code regarding the protection of personal data".

Chieti, there 11/07/2022

Name and Surname (Signature)

Tea Romasco