



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 4788

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Scienze Mediche, Chirurgiche e Odontoiatriche.

Scientist- in - charge: Prof.ssa Sabrina Corbetta

Giulia Stefania Tavanti

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Tavanti
Name	Giulia Stefania
Date of birth	03, September, 1990

PRESENT OCCUPATION

Appointment	Structure
Fixed-term Researcher	Laboratory of Experimental Endocrinology, IRCCS Istituto Ortopedico Galeazzi, Milan (Italy)

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Chemistry and Pharmaceutical Technologies	Università degli studi di Milano	2019
Other	Pharmacist State Board Exam	Università degli studi di Milano	2020

FOREIGN LANGUAGES

Languages	level of knowledge
English	intermediate
Spanish	elementary

TRAINING OR RESEARCH ACTIVITY

<p>January 2020 - present: Fixed-term Researcher at Laboratory of Experimental Endocrinology, IRCCS Istituto Ortopedico Galeazzi, Milan.</p> <p>Research topics: parathyroid tumorigenesis, crosstalk between parathyroid and bone, biochemical markers in hyperparathyroidism and osteoporosis.</p> <p>Laboratory skills and main activities: Cell line culture (HEK-293, Caco-2, DU-145, MCF-7), primary cell</p>
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culture derived from parathyroid adenoma, transient transfection (gene expression and gene silencing), preparation of plasmid DNA, extraction and quantification of proteins, Western Blot, DNA and RNA extraction, RT-qPCR, PCR, electrophoresis, immunofluorescence, ELISA, processing and storage of biological samples (tissue, peripheral blood) management and archiving of clinical and laboratory test data.

September 2017 - July 2019: Research trainee at Laboratory of Experimental Endocrinology, IRCCS Istituto Ortopedico Galeazzi, Milan.

Main activities: internship for experimental thesis, supervised by Prof. Sabrina Corbetta. Experimental thesis title: "Study of Calcium Sensing Receptor (CaSR) stimulation on Yes-associated protein (YAP) of the Hippo signalling pathway".

PROJECT ACTIVITY

Year	Project
2020	Study of the crosstalk between the musculoskeletal system, parathyroid glands, and other metabolic bone diseases, including rheumatological diseases (funded by IRCCS IOG).
2020	Expanding the crosstalk between bone and parathyroids: analysis of the osteocalcin receptor GPRC6A and of the potential interaction with the calcium sensing receptor in human parathyroid cells (funded by bando di ricerca SIOMMMS 2018).

CONGRESSES AND SEMINARS

Date	Title	Place
23rd November 2019	IRCCS Istituto Ortopedico Galeazzi Round Robin	Milan, Italy
28th February - 01st March 2019	Forum in Bone and Mineral Research XIX meeting	Milan, Italy
20th October 2018	IRCCS Istituto Ortopedico Galeazzi Round Robin	Induno Olona (VA), Italy
10th May - 11th May 2018	Forum in Bone and Mineral Research XVIII meeting	Rome, Italy

PUBLICATIONS

Articles in reviews
Verdelli C, <u>Tavanti GS</u> , Corbetta S. Intratumor heterogeneity in human parathyroid tumors. <i>Histol Histopathol.</i> 2020 May 29;18230. doi: 10.14670/HH-18-230.

Congress proceedings
Verdelli C, <u>Tavanti GS</u> , Maggiore R, Mari G, Sansoni V, Perego S, Vicentini L, Ciaramella PD, Lombardi G, Corbetta S. Osteocalcin modulates parathyroid function by activating both GPRC6A and Calcium-Sensing Receptor in human parathyroid adenomas. XX Congresso Nazionale SIOMMMS, 22nd-24th October 2020, online. (ePoster)
Verdelli C, <u>Tavanti GS</u> , Maggiore R, Mari G, Sansoni V, Perego S, Vicentini L, Ciaramella PD, Lombardi G, Corbetta S. Osteocalcin may participate to the bone-parathyroid crosstalk through activation of the calcium-sensing receptor in human parathyroid adenomas. 22nd European Congress of Endocrinology, 5th-9th September 2020, online. (ePoster)
Verdelli C, Tavelli M, Gomarasca M, <u>Tavanti GS</u> , Vicentini L, Beretta E, Lombardi G, Corbetta S. The osteocalcin receptor GPRC6A is expressed on human parathyroid cells and modulates cyclin D1 expression levels. Forum in Bone and Mineral Research XVIII meeting, 10th-11th May 2018, Rome. (Poster)



OTHER INFORMATION

Training courses		
Date	Title	Place
20th June 2020	Misure di prevenzione e controllo dell'infezione da Sars-CoV-2 nelle strutture ospedaliere	IRCCS Policlinico San Donato, online
26th-27th October 2017	Rischi dei lavoratori peculiari in ambito sanitario (Artt. 36 e 37 d.lgs. 81/08)	IRCCS Istituto Ortopedico Galeazzi, Milan
20th September 2017	Rischio Chimico-Supplemento per addetti di Laboratorio (Artt. 36 e 37 d.lgs. 81/08)	IRCCS Istituto Ortopedico Galeazzi, online
20th September 2017	Rischio chimico, cancerogeno e mutageno (Artt. 36 e 37 d.lgs. 81/08)	IRCCS Istituto Ortopedico Galeazzi, online
20th September 2017	Corso sul Dlgs 231/2001 (Artt. 36 e 37 d.lgs. 81/08)	IRCCS Istituto Ortopedico Galeazzi, online
19th September 2017	Corso sulla riservatezza dei dati personali in ambito sanitario (Artt. 36 e 37 d.lgs. 81/08)	IRCCS Istituto Ortopedico Galeazzi, online
22nd September 2016	Formazione specifica dei Lavoratori- Settore Rischio Basso (D.Lgs. 81/2008 e smi)	Safety Contact srl, Milan
23rd-26th June 2016	Formazione generale dei Lavoratori (Art. 37 D.Lgs. 81/2008)	AiFOS, online

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.

The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Place and date: Milan, 22/11/2020

SIGNATURE