

LIVIA VISAI: founder and coordinator

Linkedin: <https://it.linkedin.com/in/livia-visai-6062a519>

Facebook: <https://www.facebook.com/Tumore-al-seno-sconfiggerlo-con-nanosfere-doro-intelligenti-865316286866305/?fref=ts>

Twitter: @LiviaVisai

- Associate Professor in Biochemistry at the Department of Molecular Medicine (DMM), Faculty of Medicine and Surgery, University of Pavia, Italy (<http://molecularmedicine.unipv.it/research-groups/biochemistry/l-visai/>)
- Associate Professor at the National Health Service of the Scientific Clinical Institutes (ICS) Maugeri, IRCCS, Pavia, Italy (<https://www.icsmaugeri.it/professionisti/livia-visai>)
- Associate Professor at ISTECC-CNR, Faenza, Italy
- Coordinator of the academic strategic project of the University of Pavia entitled "Center for Health Technologies (CHT)" - Coordinator of the pillar in Nanomedicine (<http://cht.unipv.it/it/promotori/>)
- Member of the Scientific Committee of the Foundation of the European Center for Nanomedicine (CEN), Italy
- Type A researcher at INSTM, Florence, Italy (<https://www.instm.it/>)
- Scientific and educational contact for the Pavia University of the "Interuniversity Center of the 3R" (<https://www.centro3r.it/>)
- Co-founder of Start Up Bac3Gel, based in Portugal (<https://bac3gel.com/home/>) and Scientific Advisor of Bac3gel LTD, Spin off of Politecnico di Milano, Milan, Italy
- Member of the scientific committee of ATTIVECOMEPRIMA ONLUS (<https://www.attive.org/>)
- Deputy director of the doctoral course in "Translational Medicine" of the University of Pavia, Pavia, Italy
- Advisor for the macro-area of Life Sciences at the School of Advanced Doctoral Education (SAFD) of the University of Pavia, Pavia, Italy

She is the inventor of 7 international patents. She has more than 180 articles published and visible in PubMed (<http://www.ncbi.nlm.nih.gov/pubmed/?term=visai+1>), book chapters and various reviews. She was the winner of projects funded with national calls (PRIN and FIRB), industrial contracts, foundations (BRE and San Paolo), Bilateral PGR of the Executive Program of scientific-technological cooperation Italy-Sweden and calls from the ministry of health either as PI or Co-PI. **She was also funded by the Italian Space Agency (ASI) (<http://www.asi.it/en>) for having won a public call on human flight (VUS1) with a project entitled "Nanoparticles and osteoporosis" (NATO acronym; BLOG: <http://nanospace.unipv.it>). The project was completed on the International Space Station by the Italian astronaut Samantha Cristoforetti in 2015.**

The main research activities focus on the application of nanobiotechnologies in various fields:

- in space (ASI / ESA / NASA)
- in the diagnosis and therapy of tumors
- in tissue regeneration
- in the reduction of bacterial infection

In 1985-1987, Professor Visai held a research position at the "Connective Tissue Research Laboratory" of the Department of Biochemistry of the University of Alabama in Birmingham (USA); subsequently She stayed as Visiting Professor for short periods in 2001, 2009, 2011 and 2012 respectively, at the "Center for Extracellular Matrix Biology", Institute of Biosciences and Technology of Texas A&M University System Health Science Center, Houston, (TX, USA) for research projects with Professor Magnus Hook. Also in 2011 and 2012, She was Visiting Professor at the Methodist Hospital Research Institute (MHRI), Houston (TX, USA) for the discussion of research projects with Professor Mauro Ferrari.

She is also a member of the scientific steering committee of the Italian Society of Biomaterials (Sib)(<http://www.biomateriali.org/>). She is an ordinary member of both the Italian Society of Biochemistry and Molecular Biology (SIB) and the European Society of Biomaterials (ESB). She is also part of the National Order of Biologists. She carries out publishing activities in various scientific journals and has participated in various international project evaluation committees.

Professor Visai currently carries out frontal and interactive teaching activities for Chemistry and Biochemistry in the degree course in Medicine and Surgery in English (Harvey) and Italian (Golgi), in the three-year degree courses of the Health Professions of Rehabilitation, in the course of degree in Dentistry, in the master's degree course in Bioengineering and in 3 Specialization Schools of the Faculty of Medicine and Surgery.