

CV-teaching, research, supervision, collective responsibilities



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Training

- 2009 : Accreditation to direct research**, University of Angers, subject "Biological vectors of inflammation and oxidative stress and identification of genes of cardiovascular interest".
- 1999-2003: PhD** in Life and Health Sciences, Pharmacology and Pharmacochemistry option, under joint supervision Italy/France (University of Bari/University of Strasbourg), "Effect of apoptotic microparticles from human T lymphocytes on vascular function in various types of arteries".
- 1997: Master degree in Biology**, Ecological Biology option, University of Bari (Italy).

Professional Experiences

- September 2009 to now: Lecturer in Animal and Human Physiology** at the Faculty of Sciences and Technologies of Nantes University (promotion to **Professor** of Nantes University from September the 1st 2024). The research activity from September 2009 to August the 31st 2023 was conducted at the Institut du thorax, UMR INSERM 1087. Since September 2023 integration of the TENS laboratory, UMR INSERM 1235.
- 2004 to August 2009: research engineer** of the CNRS at UMR 7034 in Illkirch then at UMR CNRS 6214-INSERM 771 of the Angers Faculty of Medicine.
- 2003 : Post-doc position for research and teaching work** at the Institute of Anatomy and Histology of the Faculty of Medicine of Bari (Italy).

Teaching responsibilities

Since 2024: co-responsibility of the Teaching unit (TU) "**The environment is my health**" (20-22 students), for the second year of Bachelor students of the Faculty of Sciences and Technology of Nantes. The courses of this TU will be proposed in the EUniWell network of universities from 2025.

Since 2023: responsible for the international development of the Master degree **Graduate Program MICAS (Microbiota, Gut, Brain, Health)** of Nantes University (organization of student and teachers in staff mobility, organization of Summer and Winter Schools, teacher in staff mobility).

Since 2019: co-responsible for the **TREMP-Li-N course** (80-110 students), created following the French ORE law of 2018 (Orientation and Student Success).

Since 2019: responsible of the TU "**21st century skills**" in TREMP-Li-N course (80-110 students), personal development and transversal skills workshops carried out in the **CARé project** (Support Center for Student Success).

Since 2019: responsible of the TU "**Integrative Project**" in TREMP-Li-N course (80-110 students), creation of scientific games by groups of 6-8 students and production of short videos about transversal skills.

Since 2017: responsible of the TU "**Major functions of Animal and Human Physiology**" (230-320 second year of Biology Bachelor students).

Since 2017: co-responsible for the TU “**Biology Professions: student professional project**” in collaboration with the Local Professional Integration Center (230-320 second year of Biology Bachelor students).

Since 2017: co-responsible for the TU “**Professional Opening**” in collaboration with the Local Professional Integration Center (90-150 third year of Biology Bachelor students).

2012-2017: responsible of the TU “**Cell Physiology**” (230-270 second year of Biology Bachelor students).

2012-2017: responsible of the TU “**Nervous and Endocrine Physiology**” (90-130 second year of Biology Bachelor students).

Since 2010: Erasmus teacher in staff mobility at the Universities of Bari, Salerno, Udine and Novara (Italy).

Publications accepted within the framework of international educational congresses.

1. **Tesse A.** Supporting a heterogeneous community of students in orientation and success. Congress of the International Association of University Pedagogy (AIPU), May the 28-31 2024, Sherbrooke, Québec, Canada.
2. **Tesse A.**, Grolleau AC, Aubert D. Teaching of Physiology through continuous monitoring via Moodle. International Congress Diversity Success(es) in Higher Education (DIRES), April 3-5 2024, Nantes, France.
3. **Tesse A.**, Pichon A., Dargent J. Workshops for the development of transversal skills, cohesion and student success. 11th conference, Question of Pedagogy in Higher Education, (June 5-9, 2023) Lausanne, Switzerland. qpes2023.sciencesconf.org/442386.

Supervision of Master and PhD students

Supervision of 3 Post-doc.

Supervision of 2 Physicians in Science PhD.

Supervision of Master students : 9 French students (since 2004 to now).

Supervision of 3 Italian Master students.

Co-supervision of 6 PhD students.

Research activities

- After the integration of the TENS laboratory: Free radical signaling (inflammation and oxidative stress) of pathologies of the gut-brain axis and in particular in the context of the neurodevelopmental disorders of autism.
- Expertise to identify and quantify free radicals in biological samples by electronic paramagnetic resonance.
- In other laboratories and with external national and international collaborations: Radical signaling (inflammation and oxidative stress) in sepsis and in cardiovascular and metabolic pathologies.
- Anti-inflammatory and anti-oxidant protective effect of natural substances.

Scientific production in this link: <https://www.researchgate.net/profile/Angela-Tesse>

Collective Responsibilities

Since 2023: representative of the Physiology team at the Biology Department Council of the Faculty of Sciences and Technology of Nantes.

Since 2023: elected member of the Social Administration Committee and Specialized Training in Health, Safety and Working Conditions of Nantes University.

Since 2023: responsible for the international communication of the Institute of Digestive System Diseases (IMAD).

Since 2016: expert for project evaluation of the National Research Agency (ASTRID calls).