Name: Anthi Ranella, M.Sc., Ph.D.

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Home page: <a href="http://www.iesl.forth.gr/People/person.aspx?id=178">http://www.iesl.forth.gr/People/person.aspx?id=178</a>

**ORCID iD:** <a href="https://orcid.org/0000-0002-5034-6267">https://orcid.org/0000-0002-5034-6267</a>

Researcher ID: <a href="http://www.researcherid.com/rid/A-2432-2014">http://www.researcherid.com/rid/A-2432-2014</a>

**GoogleScholar:** <a href="https://scholar.google.gr/citations?user=5SxGyHYAAAAJ&hl=el">https://scholar.google.gr/citations?user=5SxGyHYAAAAJ&hl=el</a>

**Marital status:** Married, 2 children

#### 1. EDUCATION

**1995:** Bachelor of Science in Biology, Department of Biology, University of Crete, Greece

1997: Master of Science in Molecular Biology, Department of Biology,

University of Crete, Greece.

Title: "Study of embryotoxic factors induced from IFN-γ during pregnancy".

**2005:** Doctor of Philosophy in Biomedicine, Department of Biology, University of Crete, Greece.

Title: "The role and the regulatory mechanisms of growth factors, membrane and soluble class II histocompatiblity molecules in the survival of hemi-allogenic embryonic graft during pregnancy".

# 2. PROFESSIONAL/ TEACHING EXPERIENCE

2017 -	Assistant Researcher, leader of the Tissue Engineering -				
	Regenerative Medicine and Immunoengineering Lab (TERMI)				
	<u>Lab)</u>				
	Institute of Electronic Structure and Laser (IESL)/ Foundation for				
	Research and Technology-Hellas (FORTH)				
2020-	Member of Biomedical Engineering MSc Program				
	University of Crete, Technical University of Crete, FORTH				
2019 -	Member of Protein Biotechnology MSc Program				
	Department of Biology, University of Crete, Greece.				
2009-2017	1.Research Staff Scientist				
	Institute of Electronic Structure and Laser (IESL)/ Foundation for				
	Research and Technology-Hellas (FORTH)				
	2.Lecture & Laboratory Teaching Scholar Associates (month				

	contract) Technological Educational Institute of Crete, Greece (TEI)/ School of Agricultural and Food Technology/ Department of Agricultural				
222	Technology				
2007-2009					
	Institute of Electronic Structure and Laser (I.E.S.L.), Foundation for				
	Research and Technology Hellas (FORTH)				
2008-2009	9   <u>Visiting Lecturer (P.D. 407/1980)</u>				
	School of Medicine/ Faculty of Health Sciences/Aristotle University of				
	Thessaloniki, Greece				
2005-2008	Visiting Lecturer (P.D. 163/2002)				
	Horticulture of the Faculty of Agricultural/Biofloriculture & GreenHouse				
	Crops Department/ Technological Educational Institute of Crete, Greece				
2002-2005	5 Lecture & Laboratory Teaching Associate (full year contract)				
	Horticulture of the Faculty of Agricultural /				
	Department of Crop Production/Technological Educational Institute of				
	Crete, Greece				
1997-2002	Lecture & Laboratory Teaching Associate (monthly contract)				
	Horticulture of the Faculty of Agricultural /				
	Department of Crop Production/Technological Educational Institute of				
	Crete, Greece				

#### 3. RESEARCH TOPICS OF INTEREST

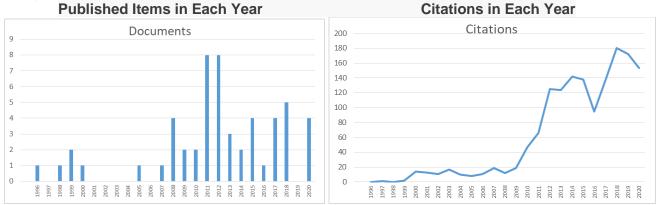
My research activity lies in the area of Tissue Engineering and Regenerative Medicine and my fields of interests comprise mainly the study of the basic biological and biophysical processes at the molecular and cellular level, the understanding of the biochemical mechanisms that take place at the interface between cells and biomaterials at the micro / nano scale and the examination of the potential medical and/or clinical applications of optimized artificial tissue scaffolds. I am actively involved in several interdisciplinary projects which have led to significant contributions in the field of Tissue Engineering and Regenerative Medicine and for their successful completion I have been collaborating with colleagues from physics, biology, materials science, chemistry, and engineering. In the interdisciplinary area of my interest, three post-doctoral research scientists (2 Biologists and 1 Biomedical Engineer), five PhD, two MSc and four undergraduate students, originating from different scientific fields, are employed. My research activities have led to the filled of two patents, I have published 37 peer reviewed papers with more than 1500 citations (Scopus h index: 19), 3 chapters in international scientific books, while also serving as a reviewer for many peer-review journals.

#### 4. ACHIEVEMENTS

- 37 publications (5 review papers) in international peer-reviewed journals, more than 10 conference papers in peer-reviewed journals or publications in conference proceedings, 3 chapters in scientific books.
- 1511 citations, h-index: 19 (Scopus, 25/08/2020)
  1918 citations, h-index: 20 (Google Scholar, 25/08/2020)
- **2 patents:** Application Number 20110100030 (Greek patent) 2011 Application Number OBI 20140100471 (Greek patent) 2014
- Co-Investigator or/and research team member in 9 Research Projects.
- **Referee** in international scientific journals including Biofabrication, Expert Reviews, Applied Surface Science, Micromachines, Journal of Materials Research, Applied Physics A, Materials Science and Engineering B.
- **Supervisor/Co-Supervisor** of 3 Ph.D, 5 M.Sc theses and 13 B.Sc diploma thesis.
- **Current supervisor/Co-Supervisor** of 5 PhD candidates, 2 MSc candidates and 3 BSc diploma thesis.

# 5. STATISTICS OF PUBLICATIONS

#### A) Scopus\*:



Documents by author: **37** Total citations: **1518** 

Sum of Times Cited without self-citations: 1422

Citing Articles: 1245

h-index: 19

\*https://www.scopus.com/authid/detail.uri?authorId=23010133500

### B) Google Scholar\*\*

Δείκτες παραθέσεων Όλα Από το 2015

<u>Παραθέσεις</u>	1918	1084	
<u>h-index</u>	20	17	
<u>i10-index</u>	28	22	

<sup>\*\*</sup> https://scholar.google.gr/citations?user=5SxGyHYAAAAJ&hl=el