

# CURRICULUM VITAE VARVARA TRACHANA

## Personal data

**Place of birth:** Athens, Greece

**Nationality:** Greek

**Languages:** Greek (*native*), English, Spanish

## Current Position

**July 2014 - :** Assistant Professor of Cell Biology, Faculty of Medicine, School of Health Sciences, University of Thessaly, Biopolis, 41500 Larissa, Greece

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## Education

**1997: Bachelor**, School of Biology, Aristotle University of Thessaloniki (AUTH), Thessaloniki, Greece.

**2003: PhD** in Biological Chemistry, Faculty of Medicine, AUTH, Thessaloniki, Greece.

## Research Posts

- **1994-1996: Diploma Thesis**, Laboratory of Animal Physiology School of Biology, Faculty of Science, AUTH, Thessaloniki, Greece.
- **Feb 1996-May 1996: Erasmus scholar**, Consell Superior I' Investigacions Cientifiques (CSIC) /Centre D' Investigacio i Desenvolupament/ Department of Molecular Biology, **Barcelona, Spain**.
- **Aug 1997-Aug 1998: Research Assistant**, National Peripheral Center of Histocompatibility, Department of Immunology, Hippokration Hospital, **Thessaloniki, Greece**.
- **Nov 1999-Apr 2001: Research Assistant**, Research Project Grant, entitled "Study of the early markers of diabetic complications and development of diagnostic kits", Laboratory of Biological Chemistry, Faculty of Medicine, School of Health Science AUTH, **Thessaloniki, Greece**.
- **Aug 1998-Mar 2003: PhD Candidate**: "Study of the biological role of the phosphorylation of laminin", Laboratory of Biological Chemistry, Faculty of Medicine, School of Health Science AUTH, **Thessaloniki, Greece**.
- **Nov 2003- Dec 2007: Postdoctoral researcher**, Department of Immunology and Oncology (DIO), National Centre of Biotechnology (CNB) /CSIC, **Madrid, Spain**.
- **Jan 2008-Jul 2011: Research Associate**, Molecular and Cellular Ageing Programme, Institute of Biological research and Biotechnology (IBRB), National Hellenic Research Foundation (NHRF), **Athens, Greece**
- **January 2013-October 2014: Research Associate**, Research Project StemAge, School of Biology, Faculty of Science, AUTH, **Thessaloniki, Greece**
- **July 2014-present: Assistant Professor** in Cell Biology, Faculty of Medicine, School of Health Sciences, University of Thessaly, **Larisa, Greece**.

**Journal Articles** 22

**Conferences Greek (with oral or poster presentation)** 9

**Conferences International (with oral or poster presentation)** 17

**Citations** 330

**h index** 12

**Awarded research grants (as partner )** 5

**Awarded research grants (as the principal investigator)** 1

## Selected Journal Publications –BIOLOGY (last 10 years)

1. **Trachana V\***, van Wely KHM, Guerrero-Alonso A, Fütterer A, Martínez-A C "Dido disruption leads to centrosome amplification and mitotic checkpoint defects compromising chromosome stability" *Proc Natl Acad Sci U S A (PNAS)*. 20 (104, 8), 2691-2696 (2007) (\* **corresponding author**) (IF 10.228)
2. Prieto I, Kouznetsova A, Fütterer A, **Trachana V**, Leonardo E, Alonso Guerrero A, Cano Gamero M, Pacios-Bras C, Leh H, Buckle M, Garcia-Gallo M, Kremer L, Serrano A, Roncal F, Albar JP, Barbero JL, Martínez-A C, van Wely KH "Synaptonemal complex assembly and H3K4Me3 demethylation determine DIDO3 localization in meiosis" *Chromosoma* 118(5):617-32 (2009) (IF 4.202).

3. Alonso Guerrero A, Cano Gomero M, **Trachana V**, Fütterer A, Pacios-Bras C, Panadero N, Cigudosa J, Martínez-A C, van Wely KH “Centromere-localized breaks indicate the generation of DNA damage by the mitotic spindle” *Proc Natl Acad Sci U S A (PNAS)* 107(9):4159-64 (2010) (IF 10.228).
4. Sisoula C, **Trachana V\***, Patterson C, Gonos ES “CHIP-dependent degradation of p53 is essential for normal transition to cellular senescence” *Free Radical Biology and Medicine* 50 (1), 157-165 (2011) (\* corresponding author) (IF 5.791)
5. Tsolou\* A, Nelson\* G, **Trachana V**, Chondrogianni N, Saretzki G, von Zglinicki T, Gonos ES “The 19S proteasome subunit Rpn7 stabilizes DNA damage foci upon genotoxic insult” *IUBMB Life* 64(5):432-42. (2012) (IF 3.377)
6. Villares R, Gutiérrez J, Fütterer A, **Trachana V**, Gutiérrez del Burgo F Martínez-A C “Dido mutations trigger perinatal death and generate brain abnormalities and behavioral alterations in surviving adult mice” (*Proc Natl Acad Sci U S A (PNAS)* 112 (15), 4803-4808 (2015) (IF 10.228).
7. **Trachana V\***, Petrakis S, Fotiadis Z, Siska E, Balis V, Gonos E, Kaloyianni M, Koliakos G “Human mesenchymal stem cells with enhanced telomerase activity acquire resistance against oxidative stress-induced genomic damage” *Cytotherapy* 19(7): 808-820 (2017) (\* corresponding author) (IF 3.62).
8. **Trachana V\***, Ntoumou E\*, Anastasopoulou L, Tsezou A “Studying microRNAs in osteoarthritis: critical overview of different analytical approaches” *Mechanisms of Ageing and Development* (2018) (in press)(IF 3.304).  
**Journal Publications- SCIENTOMETRICS**
9. Taylor M, Perakakis P, **Trachana V** “The siege of science” *Ethics in Science and Environmental Politics* 8 (1): 17-40 (2008) (IF -).
10. Perakakis P, Taylor M, Mazza M, **Trachana V** “Natural Selection of Academic Papers” *Scientometrics* 85 (2): 553-559 (2010) (IF 2.2).
11. Perakakis P, Taylor M, **Trachana V** “The roads to open access” *UNESCO World Social Sciences Report* pages 307-309 (2010)
12. Perakakis P, Taylor M, Mazza M, **Trachana V** “Understanding the role of open peer review and dynamic academic articles” *Scientometrics* 88 (2): 669-673 (2011) (IF 2.2)
13. Taylor M, Perakakis P, **Trachana V**, Gialis S “Rankings are the sorcerer’s new apprentice” *Ethics in Science and Environmental Politics* doi 10.3354/esepp00146 (2014) (IF -).

### **Teaching**

- **Undergraduate courses, Faculty of Medicine, School of Health Sciences, University of Thessaly, Larisa, Greece**
- **Postgraduate (master) courses, Faculty of Medicine, School of Health Sciences, University of Thessaly, Larisa, Greece.**

### **Research supervision**

#### **Principal Supervisor**

- Supervisor of 9 master theses, Faculty of Medicine, University of Thessaly (up to 2018)
- Supervisor of 1 PhD thesis in progress (2017-)

#### **Associate Supervisor**

- Co-supervisor of 15 master theses, Faculty of Medicine, University of Thessaly (up to 2018)
- Co-supervisor of 1 PhD theses, Faculty of Medicine, University of Thessaly (up to 2018)

### **Reviewer**

1. Mechanism of Aging and Development (MAD)
2. Medicine®
3. WebmedCentral Plus (Aging expert)
4. Ethics in Science and Environmental Politics (ESEP)
5. Reports in Cancer and Treatment
6. Current Chemical Biology
7. Journal of Stem Cell and Transplantation Biology
8. Cell Transplantation

### **Editorial boards member**

1. Member of WebmedCentral Plus Editorial Board on Aging
2. Journal of Stem Cell and Transplantation Biology
3. Journal of Cellular Toxicology and Cell Biology