

CURRICULUM VITAE
JANE ANASTASSOPOULOU
Dr., Privatdozent., Professor



Surname: Anastassopoulou **First name:** Jane
Place of birth: Trikala, Hellas **Citizenship:** Greek
Family status: married, mother of a son (researcher, Columbia University, New York)

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Education-Academic titles

Diploma of Physics: University of Athens, 1971
PhD: National Technical University of Athens (NTUA), 1979.
Privatdozentin (Priv-Doz): National Technical University of Athens (NTUA), 1985.

1979: 1st June-31st August, I received a scholarship from the French Government for studies on the pulse radiolysis technique.

Languages: Greek, English

Career/Employment

1973: Research assistant, Physical Chemistry & Applied Electrochemistry, NTUA.
1982: Research Associate with tenure, NTUA
1982: Lecturer, Division of Material Science
1985: Privatdozentin, (Pri-Doz.), NTUA
1985: Assistant professor, NTUA
1995: Associate Professor, NTUA
2004: Professor, NTUA

1. Visiting Professor in many Universities and Institutions

2. Honours Awards

Distinguished Hellenic Scientist Woman, 2007, for the research on early diagnosis of breast cancer using infrared spectroscopy, 5 Medal of cities and scientific committees, 13 scientific awards for the research.

3. Europeans Projects

- i. The Project Metal Ions on Nucleic Acids was awarded from Human Capital & Mobility (1993).
- ii. **Network of excellence**, DASIM (Diagnostic Applications of Synchrotron Infrared Methods), 2005-2008.

4. International conferences

Co-organizer in more than 25 International and National Conferences, concerning vibrational spectroscopy on the study of diseases, the role of metal ions in biological systems and oxidative stress in skin biology and medicine.

5. Scientific board of International Conferences

In scientific board of more than 20 International Conferences

6. Invitations

I was invited in many workshops, and I gave more than 300 lectures and plenary lectures in Universities, Institutes, Conferences, Workshops, and chairperson. Guest Editor in the issue of Vibrational Spectroscopy in Biology and Medicine (IJMS).

7. **Referee** in several scientific journals, Greek and European Projects.
8. **European** Expert Panel to evaluate research projects.
9. **Award Diplomas:** 33 PhDs and 5 Masters.
10. **Books:** Editor or Co-editor of 14 University and Conference books

11. Publications

230 publications in International Journals and Book Chapters. OBM geriatric have distinguished two papers for cover page of the issues corresponded issues.

1. Markouizou A, Michali E, Mamareli C, Kolovou P, Mamarelis I, Theophanides T. The effect of irradiation on the skin upon breast cancer radiotherapy studied by FTIR spectroscopy. *BMO-geriatrics*, **2022**; 6(4): 215; DOI:10.21926/obm.geriatr.2204215. **Cover page for the issue.**
2. Anastassopoulou J, Mamarelis I, Theophanides T. Study of the development of carotid artery atherosclerosis upon oxidative stress using infrared spectroscopy and scanning electron microscopy. *OBM Geriatrics*, 5(4) **2021**, DOI:10.21926/obm.geriatr.2104180, PMID:PMC831197. **Cover page for the issue.**
3. Mavrogenis A, Kyriakidou M, Kyriazis S, Anastassopoulou J. Fourier transform infrared spectroscopic studies of radiation therapy induced molecular changes in bone. *Expert Review of Quality of Life in Cancer Care*. (2016) 1, 6, 459–469, DOI:10.1080/23809000.2016.1254553, **Invited paper.**

12. Research Interests

I am focused mostly on free radical's chemistry and the used of vibrational spectroscopy for prediagnosis, as well as to approach the mechanism of diseases development, such as cardiovascular and cancer. I study the oxidative stress induced to humans from toxic transition metals from environment or implants and to predict the distribution of pollutants produced from a given source.