

CURRICULUM VITAE

Name: **VASSILIKI D. KORMPAKI**

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Date of birth: 25/01/1972

ACADEMIC STUDIES

1990-1995 UNIVERSITY OF PATRAS

Degree in Biology (grade B)

Direction: "Basic Biology"

Diploma Thesis, Laboratory of Genetics, Division of Genetics, Cell and Developmental Biology, Subject: "Finding mt-DNA duplicates in laboratory populations of *Drosophila melanogaster*"

1996-2001 NATIONAL TECHNICAL UNIVERSITY OF ATHENS

Department of Chemical Engineering / Physical Chemistry Laboratory / Bio-spectroscopy (FTIR)

Researcher - Member of the scientific team of the Laboratory of Radiochemistry and Bio-spectroscopy: Prof. Th. Theofanidis, Prof. J. Anastassopoulou and Prof. A. Tafi, Sienna University, Italy

Research interests of the team: heavy metals and their interactions with DNA, Bio-spectroscopy, and analysis of the structure of the above complexes with computational methods and software: PCMODEL, BACKMODEL, Macromodel, AMBER

1999-2001 NATIONAL TECHNICAL UNIVERSITY OF ATHENS

Department of Chemical Engineering / Department of Architecture

Master, MSc, Spec. Diploma in the Interdepartmental Postgraduate Program "Monument Protection", 2nd direction: "Materials and Maintenance Interventions", General Degree: 8.88

Postgraduate Diploma Thesis in the Laboratory of Physical Chemistry of the Department of Materials Science and Technology, Subject: "Spectroscopic Materials Examination Methods and Evaluation of Rhodes Stone Maintenance Operations in the Laboratory and On-Site"

EDUCATIONAL EXPERIENCE

- Undergraduate Program of the Department of Biology, University of Patras, Laboratories: Microbiology, Cell Biology I and II and Genetics I and II (2019-2020)
- Undergraduate Program of the Department of Chemical Engineering, National Technical University of Athens, Co-teaching / Assistant project: Laboratories of the 5th Semester, Course: Physical Chemistry, Topic: Photochemistry (1997-2001)
- Undergraduate Program of the Department of Chemical Engineering, National Technical University of Athens, Co-teaching / Assistant Project: Laboratories of the 7th Semester, Course: Materials, Topic: Applications in Infrared Spectroscopy (1997-2001)
- Postgraduate Program: "Monument Protection", Second Direction, "Materials and Maintenance Interventions", Department of Chemical Engineering, NTUA, Co-teaching / Assistant Project: 2nd Semester, Topic: "Spectroscopic FT-IR Methods" (1999-2001)

SCIENTIFIC PUBLICATIONS

1. J.Anastassopoulou, K.Barbarossou, V.Korbaki, T.Theophanides, P.Legrand, J-P. Huvenne and B.Sombret.: "FT-RAMAN spectra of metal-guanosine-5'-monophosphate complexes", Spectroscopy of Biological Molecules: Modern Trends, eds., P.Carmona, R.Navarro and A.Hernanz, Kluwer Acad. Pub., 1997, pp233-234
2. J.Anastassopoulou, V.Korbaki, H.Nastou, V.Sarrou and M.Palta.: "FT-IR studies of propofol-manganese interactions", Spectroscopy of Biological Molecules: Modern Trends, eds., P.Carmona, R.Navarro and A.Hernanz, Kluwer Acad. Pub., 1997, pp 603-604
3. J.Anastassopoulou, V.Korbaki, H.Nastou, M.Palta and V.Sarrou.: "FT-IR studies of propofol-Magnesium interactions (Poster), Conf. on Magnesium: Current Status and New Developments Theoretical, Biological, Medical Aspects, eds, T.Theophanides and J.Anastassopoulou, Kluwer Acad. Pub., 1997, pp 41-42
4. J.Anastassopoulou, K.Barbarossou, V.Korbaki, H.Nastou, Th.Rakintzis and T.Theophanides.,: "Magnesium ions – Guanosine - 5' - Monophosphate complexes: a Spectroscopic study (Poster), Conf. on Magnesium: Current Status and New Developments Theoretical, Biological, Medical Aspects, eds, T.Theophanides and J.Anastassopoulou, Kluwer Acad. Pub., 1997, pp 43-45

CONFERENCES SEMINARS

1. Participation in the 17th Scientific Conference of the Hellenic Society of Biological Sciences, Patras, April 27-29, 1995
2. Participation in the International Educational Seminar on: "Biomolecular Structure and Dynamics", organized by NATO Scientific & Environmental Affairs Division, NATO Advanced Study Institute, Loutraki, May 27 - June 6, 1996 (member of the local organizing committee)
3. Participation in the educational seminar on: "Production, certification and use of reference materials in the Biomedical Sector", organized by the company "Bioanalytical" in collaboration with the "European Union Standards, Measurement and Testing Program" and the "National Center Documentation ", Athens, 6-7 September 1996, Under Support of DG XII SM&T, Program of the European Commission
4. Participation with a scholarship in the International Educational Seminar entitled: "Computation in Molecular Biology": Sequence Analysis, Secondary Structure Prediction, Modeling of Biomolecules, Molecular Graphics, Molecular force fields and atomistic Models, organized by UNESCO - Hebrew University of Jerusalem , International School for Molecular Biology and Microbiology (ISMBM), Silicon Graphics Laboratory, Israel, Jerusalem, 2-11 February 1997
5. Participation in the 4th International Conference for the Preservation of Monuments in the Mediterranean, organized by the NTUA, Rhodes, 1-6 May 1997 (member of the local organizing committee)
6. Participation with a presentation at the International Conference of Magnesium, Heraklion, October 5-9, 1997, (member of the local organizing committee)

PARTICIPATION IN RESEARCH PROGRAMS

NATIONAL TECHNICAL UNIVERSITY OF ATHENS / Department of Chemical Engineering

- Participation in Research Program EPEAEK: "Pilot Program of the Postgraduate Program" Conservation and Restoration of Architectural Monuments and Sites (Monuments Protection) ", Work Packages 14 and 15 (teaching and laboratory support), Nov. 1998 - June. 1999
- Participation in Research Program of EPEAEK: "Upgrading of study programs of the three Greek Departments of Chemical Engineering (NTUA, AUTh, University of Patras)", and specifically in the laboratory course "Materials" in the context of Work Package 7 of E.Π.Ε.Α.Ε.Κ. Undergraduate Studies, Oct. 1998 - Dec. 1999
- Funding: UTQ Ltd. Gagemark Hellas (2000): "Evaluation of the effectiveness of the System 2000 cleaning method, after its pilot application on architectural surfaces of historic buildings (Academy of Athens, National Library, Bank of Greece Bank building in Piraeus)", Researcher
- Funding: YPEHODE, DEPOS: Participation in a research project entitled: "Environmental impact assessment in the Medieval City of Rhodes (Historical Masonry and buildings) from the construction of underground networks", Researcher

- Funding: GGET, PENED Research Program, 1996, Sci. Head of NTUA Th.Theophanides, Participation in a research project entitled: "Infrared spectra and action of hydrated metal ions on surfaces of optical materials and in biological environment", Researcher

UNIVERSITY OF PATRAS / Research Committee

- Funding B.990: "Expenditures of the Secretariat of the Research Committee" from 17.09.2007 to 31.10.2008

- Funding D.255: "Optimization of ELKE Management Processes" from 1.11.2011 to 31.12.2011

- Funding C.551: "Presentation of the results of the EPEAEK projects of the University of Patras, EPEAEK, from 1.1.2009 to 15.5.2009

- Funding C.462: "Strengthening Educational Research and Other Activities of the Department of Medicine", 2014, 2015, 2018

PROFESSIONAL EXPERIENCE

April-2020 - today: UNIVERSITY OF PATRAS, Department of Biology, Division of Genetics, Cell and Developmental Biology, Special Teaching Staff

2019-2020: UNIVERSITY OF PATRAS, Department of Biology, Division of Genetics, Cell and Developmental Biology, Special Technical Laboratory Staff

2018-2019: UNIVERSITY OF PATRAS, Department of Medicine, responsible for Doctoral Thesis and Postgraduate Programs

2016-2017: HELLENIC OPEN UNIVERSITY, Research Committee, Head

2015: UNIVERSITY OF PATRAS, Department of Medicine, responsible for Doctoral Thesis and Postgraduate Programs

2007-2014: PATRAS UNIVERSITY, Research Committee, Head of NSRF Program Management Department

2001-2005: TECHNICAL UNIVERSITY OF ATHENS, Research Committee, Research Programs Management Department, Program Management Officer: "Horizontal Action of Greek Academic Libraries, Hellenic Academic Libraries-HEAL LINK

1998-1999: IMS GREECE, Technical Department, Head of the "Information on Pharmaceutical Products Data" Department. Collection, processing, and analysis of drug market statistics for Greece, Israel and Eastern Europe (former Soviet Union countries)

1992-1993: TYPORAMA O.E., Patras, responsible for data research for the publication of the Medical Guide of Achaia '93

FOREIGN LANGUAGES: English (excellent, C2), German (good, B1)

IT skills: Vellum Diploma in IT skills, experience in: SAP, Windows, Microsoft Office (especially Word and Excel), web-based management applications, Oracle, UNIX

Other:

Erasmus Staff Mobility Programme, Check Republic, Masaryk University, 21-27/6/2013

Erasmus Staff Mobility Programme, Hungary, Eotvos Lorand University, 23-27/6/2014

Erasmus Staff Mobility Programme, Bulgaria, American University in Bulgaria, 16-20/4/2018