

TSATSARA PANAGIOTA-KYVELI

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EDUCATION AND QUALIFICATIONS:

- 2016-2018: **MASTER DEGREE IN “TOXICOLOGY”**, DEPARTMENT OF BIOCHEMISTRY& BIOTECHNOLOGY, UNIVERSITY OF THESSALY (2 YEARS)
- 2017: **BEIJING INTERNATIONAL CHINESE COLLEGE (BICC) TRAINING PROGRAM FOR OVERSEAS CHINESE TEACHERS, CONFUCIOUS INSTITUTE HEADQUARTERS (HANBAN)**, BEIJING, CHINA (SCHOLARSHIP)
- 2014: **“Introduction to Forensic Science”**- Verified Certificate with distinction, **Nanyang Technological University of Singapore**, (August-October 2014). [Lessons: Introduction to Forensic Science, Atomic Structure & Spectroscopy, Molecular Spectroscopy & Chromatography, Time of Death, Blood, DNA, Fingerprinting, Polymers & Fibres, Firearms, Narcotics, Toxicology, Case Studies].
- 2009-2011: **MASTER DEGREE “CLINICAL CHEMISTRY”, ANALYTICAL CHEMISTRY DEP., KAPODISTRIAN UNIVERSITY OF ATHENS**. Elaboration of a specialization thesis in **Laboratory of Forensic & Toxicology of Medical School of Athens** (5/2010 - 11/2011). [Lessons: Clinical chemistry I and II, Biochemistry, Pathobiochemistry, Toxicology, Pharmacokinetics), Molecular Diagnostics, Instrumental Analysis, Molecular Biology, Human Genetics, Quality Control in Clinical Chemistry-Biostatistics-Chemimetry, Anatomy, Physiology-Pathophysiology.]
- 2002-2008: **BACHELOR DEGREE IN “ CHEMISTRY”**, CHEMISTRY DEPARTMENT, **KAPODISTRIAN UNIVERSITY OF ATHENS**
- 2008: **CERTIFICATE OF OENOLOGY**, CHEMISTRY DEPARTMENT, KAPODISTRIAN UNIVERSITY OF ATHENS
- 2000-2001: Honorable diploma from Society of Greek Chemists during my participation in the 15th **Panhellenic Student Chemistry Competition** with **9th distinction**.
- 1989-2001: Kindergarten - Elementary - Middle School - Lyceum, Erasmios Hellenic German School.

WORKING EXPERIENCE:

- **Hellenic Pasteur Institute**- QC Department Vaccine Unit -QC Analyst Physicochemical and microbiological analysis of vaccines and pharmaceutical products (15/12/2023 – today).
- **Hair Transplantation Clinic** [PRP, iontophoresis, therapies, assistant surgeon],(6/3/2023- 1/7/23).
- **Hellenic Aerospace Industry-Department of Health, Safety & Environment** , (14/6/2021-2/23) biochemist (analysis of heavy metals used in heavy industry, quantitative and quality control, physicochemical treatment of toxic waste and biological wastewater treatment, physicochemical analyses, microbiological analyses, internal auditor of ISO 14001,45001,etc.)
- 2017-2020: working in tourism
- Teaching chinese language 2017-2018
- **Laboratory of Forensic & Toxicology Medical School of Athens** (master research, etc) 2010-2012
- **Hormological Laboratory of Aretaieion Hospital** (master practice 2010)
- **Teaching the master students of Pharmacy, Biology and Chemistry Department, in Kapodistrian University of Athens** (2009-2010)
- **Center of Biological Researches of Greek Army- 414 Hospital**, (practice for bachelor 2006-2008) and bachelor's thesis in a paid position, quality control analyses of food, water, microbiological, validation of methods, ISO 17025.

TECHNICAL-LABORATORY SKILLS:

Knowledge of handling the following laboratory analyzers and techniques:

Analyser ICP-MS of Agilent company, Architect i1000 of Abbott company, Elecsys of Roche company, Kryptor of company Brahms, GC/MS 6890N/5975 of Agilent, GC/MS 17A/QP-5000 of Shimadzu, LC- MS 2010 EV (ESI+) of Shimadzu, GC-head space 6890N/5975 (FID) of Agilent, VIVA-E Emit II Plus of Dade Behring Siemens, Carbon dioxide and carbon monoxide measurement analyzer, spectrophotometer DR9600 of Hach Lange, techniques ELISA, PCR, and other more techniques.

COMPUTER SKILLS:

EXCELLENT KNOWLEDGE OF Microsoft Office, Chem Office, MDL ISIS Draw, **SPSS Statistics v.17.0**, laboratory software LIS. KeyCert iCore (Windows XP, Word, Excel, PowerPoint, Internet), Creation of websites (html, css, php, javascript), (certificate of european union program) . seminar **3d** design with Solidworks, 3d printing , Digital Technology-Automation Seminars (Arduino) (2020), **PLC, SAP**.

LANGUAGES:

- **GREEK** (NATIVE LANGUAGE)
- **GERMAN – KLEINES DEUTSCHES SCHPRACHDIPLOM (C2)**
- **ENGLISH** - LanguageCert Level 3 Certificate in ESOL International **C2 PROFICIENCY LEVEL**
- **CHINESE:** - CERTIFICATE FOR TOURISM 2018
-**2017 BEIJING INTERNATIONAL CHINESE COLLEGE (BICC) TRAINING PROGRAM FOR OVERSEAS CHINESE TEACHERS**, CONFUCIOUS INSTITUTE HEADQUARTERS (HANBAN), BEIJING, CHINA
-CONFUCIOUS INSTITUTE HEADQUARTERS HANBAN HSK 3, 2017.
- **RUSSIAN:** LEVEL ADVANCED C1, **Первый сертификационный уровень** (ТРКИ-1),МГУ имени М. В. Ломоносова, 2016.
- **SPANISH:-** INTERMEDIATE LEVEL
-DIPLOMA DE ESPANOL COMO LENGUA EXTRANJERA- NIVEL A1,
- SPANISH FOR THE TOURISM, EUROPEAN UNION PROGRAM
- **FRENCH:** VERY GOOD KNOWLEDGE (MOTHER'S LANGUAGE)
- **ARABIC:** INTERMEDIATE LEVEL (2015-STILL STUDYING), CERTIFICATION OF SOCIETY OF GREEK SCIENTISTS
- **TURKISH:** -MODERATE LEVEL, TURKISH FOR TOURISM,TURKISH A1 , EUROPEAN UNION PROGRAM
- **ITALIAN:** A1-A2, EUROPEAN UNION PROGRAM
- **MALGASH** (MADAGASCAR) VERY GOOD KNOWLEDGE

SCIENTIFIC WORK:

-"**Toxicities and Risk Management in Genetically Modified Organisms: Legal and Sociological Approaches.**", Master's Degree Thesis in Toxicology, Department of Biochemistry and Biotechnology, School of Health Sciences, University of Thessaly, January 2018.

-"**Genetically modified organisms GMOs**", Work in the framework of the postgraduate course "Bioethical issues in Toxicology", October 2017.

-"**Determination of alcohol, drugs and addictive substances in biological materials of victims involved in fatal traffic accidents. Annual record**", Master's Degree Thesis of the Forensic and Toxicology Laboratory of the School of Medicine of the University of Athens, October 2011.

-"**Ricin as a bioterrorist weapon**", work in the framework of the postgraduate course Clinical Chemistry II, July 2010.

-"**Pharmacogenetics**", work in the framework of the postgraduate course in Genetics, September 2010.

- "Development of mass spectrometry technique with inductively coupled plasma for the determination of elements in biological samples", Bachelor's thesis at the 414 Military Hospital - K.B.I.E.S. (Army Biological Research Center), Athens, March 2008.

- "Metal compounds that are or were used as pigments", within the General Chemistry course of the University of Athens, 2002-2003.

MEMBER OF SCIENTIFIC SOCIETIES:

Member of the Union of Greek Chemists.

Member of the Society of Clinical Chemistry-Clinical Biochemistry.

Member of the Hellenic Society of Toxicology.

Member of Civil Protection Volunteers.