

CURRICULUM VITAE

Personal Data

Surname and Forename	Tsekrekou Maria
Date of birth	July 21, 1979
Marital status	Single
Citizenship	Greek
e-mail address	mtsekre@imbb.forth.gr
phone number	+306940651437

Current position

PhD candidate at the Functional Genomics and Ageing Laboratory, Institute of Molecular Biology and Biotechnology (IMBB), Foundation for Research and Technology (FoRTH) and Biology Department, University of Crete, Greece

University Education

2006/02-2012/09	Bsc at the Biology Department (Molecular Biology specialization), Faculty of Sciences and Engineering, University of Crete (grade 8.34/10)
1997/10-2004/07	Dipl. Ing. in Chemical Engineering, School of Chemical Engineering, National Technical University of Athens (grade 7.53/10)

Research Experience

2008/10- 2012/07	Training Fellow at the Laboratory for Post-Genomic Research, IMBB, FORTH <u>Supervising investigator:</u> Dr D. Kafetzopoulos
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Research work

- Evaluation of Circulating Tumor Cells Isolation methods (2010/04- today, Oncoseed Diagnostics- National Action Cooperation)
- Isolation of cancer protein markers from plasma of pancreatic cancer patients (2008/10-2010/04, Loccandia- FP6 project)

2004/10-2006/06 Laboratory of Fuels and Lubricants Technology, National Technical University of Athens

Supervising investigator: Pr. E. Lois

Research work

Qualitative analysis of fuels (petrol, fuel oil, biodiesel)

Dissertations

2011/09- 2011/12 Diploma thesis, Laboratory for Post-Genomic Research, IMBB, FORTH, under the supervision of Dr D. Kafetzopoulos. Thesis title: Comparative Evaluation of CTC enrichment methods

2003/03-2004/03 Diploma thesis, Biotechnology Laboratory, School of Chemical Engineering, NTUA, under the supervision of Prof. F. Kolisis. Thesis title: Metabolic Engineering of Eukaryotic Cells- Application on Hippocampal Neuronal Cells under Dexamethasone treatment (grade 10/10)

Conferences

- D. Kafetzopoulos, M.Tsekrekou, D.Vassou, G. Kallergi, D. Mavroudis, *Isolation and Molecular Characterization methods for Circulating Tumor Cells*, San Antonio Breast Cancer Symposium, 4-8 December 2012, San Antonio, Texas, USA
- Galatia Kalergi*, Maria Tsekrekou*, Alexandros Pantazis, Dimitris Kafetzopoulos, Dimitris Mavroudis, *Isolation methods for Circulating Tumor Cells*, Advances in

Circulating Tumor Cells, 26-29 September 2012, Athens, Greece (*equal contribution)

- D. Vassou, M. Tsekrekou, A. Siganou, D. Mavroudis and D. Kafetzopoulos, *Isolation and Single-Cell Molecular Profiling of CTCs*, Coldspring Harbor Meetings, The Biology of Cancer: Microenvironment, Metastasis and Therapeutics, 26-30 April 2011, Coldspring Harbor, New York.
- M. Tsekrekou, D. Vassou, A. Siganou, D. Mavroudis and D. Kafetzopoulos, *Evaluation of Isolation and Single-Cell Molecular Profiling Methods for CTCs*, Keystone Symposia on Molecular and Cellular Biology: Stem Cells, Cancer and Metastasis, 6-11 March 2011, Keystone, Colorado.

Books

- M. Tsekrekou, D. Mavroudis, D. Kafetzopoulos and D. Vassou, 'Stem Cell Characters in Primary and Metastatic Tumour Establishment', in 'Stem Cells and Human Diseases', R. Srivastava και S. Shankar, 2012, Springer, p. 533-575

Languages

English: First Certificate in English, University of Cambridge (grade B)

French: Certificat de Langue Française, L' Institute Français (Assez Bien)

Computer Knowledge

- MS office : Word, Excel, PowerPoint
- Basic Knowledge of Matlab, BioPearl, Photoshop