

CURRICULUM VITAE

Maria Melachrinou

Associate Professor

Department of Pathology

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PERSONAL DATA

Date of birth: 14/08/1959
Place of birth: Athens, Greece
Permanent address: Ammohostou 3, Patras 26441
Marital status: Married

UNDERGRADUATE EDUCATION:

10/1977-10/1983 University of Patras School of Medicine

POSTGRADUATE TRAINING:

12/1983-12/1987 Residency in the Department of Pathology of the University of Patras (General Hospital of Patras "Agios Andreas")

CERTIFICATIONS:

03/1988 Pathology Specialty
05/1989 Dissertation Thesis, University of Patras School of Medicine
(Thesis: "Immunohistochemical study of the distribution of secretory component and immunoglobulins IgA, IgG, IgM in neoplastic and non-neoplastic breast lesions)

POST TRAINING (ACADEMIC) POSITIONS:

12/1989-04/1994 Lecturer of Pathology, University of Patras School of Medicine
05/1994-05/2005 Assistant Professor of Pathology, University of Patras School of Medicine (tenure 1998)
05/2005-present Associate Professor of Pathology, University of Patras School of Medicine

POSTGRADUATE EDUCATION

04/1990-06/1990 Hematopathology
(Hematopathology Laboratory, Department of Pathology, University of Athens Medical School. *Director: Ch. Kittas, MD, PhD, Assoc. Professor*)
09/1997-08/1998 Molecular Hematopathology
(sabbatical)
1) Interpretation of molecular tests in the management of lymphomas and leukemias.
2) Training in molecular methods (southern blot, PCR, RT-PCR)
[Molecular Oncology Section, Division of Molecular Diagnostics of the Department of Pathology, University of Pittsburgh School of Medicine. *Supervisor: J. D. Locker, MD, PhD, Professor of Pathology, Chief of Molecular Oncology Section*]

TEACHING - EDUCATION

Undergraduate level

Medical students

- 4th and 5th semester, Pathology I and II, respectively (theory and tutorials/labs)
- 6th semester, Integration I (Hematopoietic, Cardiovascular)
- 11th and 12th semester, Pathology - Clinical training

Biology students

- Supervision in 2 graduation theses.

Postgraduate level

- “Human Pathobiology” (participation), programme “Basic Medical Sciences”
- 1st – 4th year, residents in pathology
- Participation in 14 Greek seminars/postgraduate meetings.
- Supervision in 3 dissertation theses.

CLINICAL SERVICE

- Pathological evaluation and diagnosis of surgical pathology and hematopathology specimens.
- Consultation cases, mostly hematopathology.

PUBLICATIONS

- 45 publications in international journals with a mean impact factor 2,965.
- 13 publications in Greek journals.
- 526 citations (28 in scientific books).

CONGRESSES -SYMPOSIA

- 48 abstracts in international journals or abstract volumes.
- 49 abstracts in Greek journals or abstract volumes.
- Invited speaker in 7 Greek and 1 International Congresses.
- Invited speaker in 4 Greek Symposia.
- Awards/Distinctions for presentations: 4 (Greek Congresses).

Reviewer in 5 scientific journals (2 international, 3 Greek).

MAIN FIELD OF INTEREST

- Mechanisms involved in the pathogenesis and/or prognosis of hematopoietic and lymphoid neoplasias.

MEMBERSHIP IN SCIENTIFIC SOCIETIES

- Hellenic Society of Pathology
- European Society of Pathology
- International Academy of Pathology
- United States and Canadian Academy of Pathology

OTHER

- Member of the Scientific Committee of the Hellenic Society of Pathology (2006-2008, 2008-2010).
- Member of the Scientific Board of the University General Hospital of Patras (2010-2012).
- Member of the Hematopathology Working Group of the Hellenic Society of Pathology (Coordinator 2011-2013, 2013-present).

SELECTED PUBLICATIONS

1. Scopa CD, Melachrinou M, Saradopoulou C, Merino MJ. The significance of the grooved nucleus in thyroid lesions. *Mod Pathol* 1993;6:691-4.
2. Scopa SD, Mastorakos G, Friedman TC, Melachrinou M, Merino MJ, Chrousos GP. Presence of Immunoreactive Corticotropin Releasing Hormone in Thyroid Lesions. *Am J Pathol* 1994;145:1159–67.
3. Tselios T, Apostolopoulos V, Daliani I, Deraos S, Grdadolnik S, Mavromoustakos T, Melachrinou M, Thymianou S, Probert L, Mouzaki A, Matsoukas J. Antagonistic effects

- of human cyclic MBP(87-99) altered peptide ligands in experimental allergic encephalomyelitis and human T-cell proliferation. *J Med Chem* 45:275-283, 2002.
4. Symeonidis A, Kouraklis-Symeonidis A, Grouzi E, Zolota V, Melachrinou M, Kourea K, Fragopanagou E, Giannakoulas N, Seimeni U, Tiniakou M, Matsouka P, Zoumbos N. Determination of plasma cell secreting potential as an index of maturity of myelomatous cells and a strong prognostic factor. *Leuk Lymphoma* 2002;43:1605-12.
 5. Andonopoulos AP, Melachrinou M, Giannopoulos G, Meimaris M. Juvenile temporal arteritis: A case report and review of the literature. *Clin Exp Rheumatol* 2004;22:379-8.
 6. Thomopoulos KC, Melachrinou M, Mimidis KP, Katsakoulis EC, Margaritis VG, Vagianos CE, Nikolopoulou VN. Gastric ulcers and risk for cancer. Is follow-up necessary for all gastric ulcers? *Int J Clin Pract* 2004;58:675-7.
 7. Economopoulos T, Papageorgiou S, Dimopoulos MA, Pavlidis N, Tsatalas C, Symeonidis A, Foudoulakis A, Pectasides D, Rontogianni D, Rizos E, Chalkia P, Anagnostopoulos A, Melachrinou M, Papageorgiou E, Fountzilias G. Non-Hodgkin's lymphomas in Greece according to the WHO classification of lymphoid neoplasms. *Acta Haematol* 2005;113:97-103.
 8. Zolota V, Sirinian C, Melachrinou M, Symeonidis A, Bonikos DS. Expression of the regulatory cell cycle proteins p21, p27, p14, p16, p53, mdm2, and cyclin E in bone marrow biopsies with acute myeloid leukemia. Correlation with patients' survival. *Pathol Res Pract* 2007;203:199-207.
 9. Argentou M, Tiniakos DG, Karanikolas M, Melachrinou M, Makri MG, Kittas C, Kalfarentzos F. Adipokine serum levels are related to liver histology in severely obese patients undergoing bariatric surgery. *Obes Surg* 2009;19:1313-23.
 10. Kotoulas C, Melachrinou M, Konstantinou GN, Alexopoulos D, Dougenis D. Bronchial arteries: An arteriosclerosis-resistant circulation. *Respiration* 2010;79:333-9.
 11. Kontos S, Kominea A, Melachrinou M, Balampani, E, Sotiropoulou-Bonikou G. Inverse expression of estrogen receptor- β and nuclear factor- κ B in urinary bladder carcinogenesis. *Int J Urol* 2010;17:801-9.
 12. Sirinian C, Symeonidis A, Giannakoulas N, Zolota V, Melachrinou M. Overexpression of phosphorylated p27Kip1 at threonine 187 may predict outcome in aggressive B-cell lymphomas. *Leuk Lymphoma* 2011;52:814-22.
 13. Avgerinou C, Alamanos Y, Zikos P, Lampropoulou P, Melachrinou M, Labropoulou V, Tavernarakis I, Aktypi A, Kaiafas P, Raptis C, Kouraklis A, Karakantza M, Symeonidis A. The incidence of myelodysplastic syndromes in Western Greece is increasing. *Ann Hematol* 2013;92:877-87.
 14. Melachrinou M. High-mobility group box 1 protein and hematologic malignancies with severe inflammation: Therapeutic intervention with recombinant thrombomodulin. *Leuk Lymphoma* 2013;54:1862-3.
 15. Kampilafkos P, Melachrinou M, Kefalopoulou Z, Lakoumentas J, Sotiropoulou Bonikou G. Epigenetic modifications in cutaneous malignant melanoma. EZH2, H3K4me2 and H3K27me3 immunohistochemical expression is enhanced at the invasion front of the tumor. *Am J Dermatopathol* (in press).
 16. Spyropoulos C, Melachrinou M, Vasilakos P, Tzorakoleftherakis E. Expression of estrogen receptors in melanoma and sentinel lymph nodes; a "female" clinical entity or a possible treatment modality? *Eur J Gynaecol Oncol* (in press).