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**BIOGRAPHICAL SKETCH**

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NAME: HELEN PAPADAKI  FATHER'S NAME: ANTONIOS DATE OF BIRTH: 17/09/1963 PLACE OF BIRTH: CHANIA, GREECE  Office phone: +302810394632 E-mail: epapadak@med.uoc.gr	POSITION TITLE <ul style="list-style-type: none"><li>• Deputy Rector for Academic Affairs, University of Crete</li><li>• Professor of Haematology, University of Crete, School of Medicine</li><li>• Head, Department of Haematology, University Hospital of Heraklion, Crete</li><li>• Head, Haemopoiesis Research Laboratory, University of Crete</li></ul>
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**EDUCATION/TRAINING**

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INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
Medical School, University of Athens, Greece	MD	1987	Medicine
University of Crete School of Medicine, Greece	PhD	1991-1995	Haematology-Immunology
Department of Haematology, University Hospital of Heraklion, Greece	Specialization in Haematology	1989-1996	Haematology
Saint George's Medical School, London, UK	Research Fellow	1999	Bone marrow failure syndromes
Institute for Cancer Studies, Birmingham, UK	Visiting scientist	2002	Molecular biology
Department of Hematology, University of Washington (Seattle , USA)	Visiting Professor	2007	Bone Marrow Transplantation

**Positions and Honors**

2013:	Deputy Rector for Academic Affairs, University of Crete
2012	Expert Committee for the therapeutic guidelines for Haematologic Disorders, National Organization of Medicines (EOF)
2011-today:	Member of the Steering Committee of the Scientific Working Group on Granulocyte and Monocyte Disorders of the European Haematology Association
2009-2013:	Head of the Scientific Working Group on Bone Marrow Failure and Myelodysplastic Syndromes of the Hellenic Haematology Association
2007- today:	Professor of Haematology, Head of the Department of Haematology of the University Hospital of Heraklion, Head of the Haemopoiesis Research Laboratory and the Flow Cytometry Lab of the University of Crete School of Medicine.
2007-today:	Head of the Scientific Working Group on Granulocyte and Monocyte Disorders of the European Haematology Association
2007-2010:	Head of the Scientific Working Group on Granulocyte and Monocyte Disorders of the European Haematology Association
2007-2009:	Vice-president of the Scientific Working Group on Bone Marrow Failure and Myelodysplastic Syndromes of the Hellenic Haematology Association
2005-2007:	Head of the Scientific Working Group on Bone Marrow Failure of the Hellenic Haematology Association
2002-2007:	Assistant Professor of Haematology, University of Crete School of Medicine.
1997-2002:	Lecturer of Haematology, University of Crete School of Medicine.

Reviewer for: Blood, Haematologic/The Hematology Journal, British Journal of Hematology, Leukemia, Experimental Hematology, Stem Cells and Development, Tissues Engineering, Leukemia Research, Cancer Letter, Arthritis and Rheumatism, Annals of Rheumatic Diseases

Expert Evaluator of International Research Proposals and Research Institutes: European Research Council, E.U., E-rare, European Research Projects on Rare Diseases, E.U., The Arthritis Research Campaign Organization (UK), Sultan Qaboos University, Health Research Board (HRB)– Patient Oriented Research Committee, Dublin, Ireland, Norwegian Stem Cell Center, Research Council of Norway.

## Administrative activities

- 2013: Member of the international students' exchange committee, Medical School, University of Crete
- 2011-today: Head of the Undergraduate studies committee, Medical School, University of Crete
- 2011-today: Member of the Research committee, Medical School, University of Crete
- 2009-2013: Head of the Scientific Working Group on Bone Marrow Failure and Myelodysplastic Syndromes of the Hellenic Haematology Association
- 2006-today: Member of the Organizing committee of the graduate program "Molecular Basis of Human Diseases"
- 2003-2011: Member of the Undergraduate studies committee, Medical School, University of Crete

## Selected peer-reviewed publications (2010-2013)

- Xochelli A, Kalpadakis C, Gardiner A, Baliakas P, Vassilakopoulos TP, Mould S, Davis Z, Stalika E, Kanellis G, Angelopoulou MK, McIver-Brown N, Ibbotson R, Sachanas S, Korkolopoulou P, Athanasiadou A, Anagnostopoulos A, **Papadaki HA**, Papadaki T, Stamatopoulos K, Pangalis GA, Oscier D. *Clonal B-cell lymphocytosis exhibiting immunophenotypic features consistent with a marginal zone origin: is this a distinct entity?* **Blood**. 2013 Dec 3. [Epub ahead of print]
- Velegraki M, Papakonstanti E, Mavroudi I, M. Psyllaki, C. Tsatsanis, A. Oulas, I.Iliopoulos, Pavlos Katonis, **Papadaki HA**. *Impaired clearance of apoptotic cells leads to HMGB1 release in the bone-marrow of MDS patients and induces TLR4-mediated cytokine production.* **Haematologica**. 2013 Aug;98(8):1206-15.
- Batsali AK, Kastrinaki MC, **Papadaki HA**, Pontikoglou C. *Mesenchymal Stem Cells derived from Wharton's Jelly of the Umbilical Cord: biological properties and emerging clinical applications.* **Curr Stem Cell Res Ther**. 2013 Mar;8(2):144-55.
- Pontikoglou CG, Kastrinaki MC, Klaus M, Kalpadakis C, Katonis P, Alpantaki K, Pangalis G, **Papadaki HA**. *Study of the Quantitative, Functional, Cytogenetic and Immunoregulatory Properties of Bone Marrow Mesenchymal Stem Cells in Patients with B-Cell Chronic Lymphocytic Leukemia.* **Stem Cells Dev**. 2013 May 1;22(9):1329-41.
- Mastrodemou S, Vazgiourakis V, Velegraki M, Pavlaki K, Goulielmos GN, **Papadaki HA**. *Clonal patterns of X-chromosome inactivation in peripheral blood cells of female patients with chronic idiopathic neutropenia.* **Haematologica**. 2012 Dec;97(12):1931-3.
- Pavlaki KI, Kastrinaki MC, Klontzas M, Velegraki M, Mavroudi I, **Papadaki HA**. *Abnormal telomere shortening of peripheral blood mononuclear cells and granulocytes in patients with chronic idiopathic neutropenia.* **Haematologica**. 2012 May;97(5):743-50.
- Mavroudi I, Papadaki V, Pyrovolaki K, Katonis P, Eliopoulos AG, **Papadaki HA**. *The CD40/CD40 ligand interactions exert pleiotropic effects on bone marrow granulopoiesis.* **J Leukoc Biol**. 2011 May;89(5):771-83.
- Stavroulaki E, Kastrinaki MC, Pontikoglou C, Eliopoulos D, Damianaki A, Mavroudi I, Pyrovolaki K, Katonis P, **Papadaki HA**. *Mesenchymal stem cells contribute to the abnormal bone marrow microenvironment in patients with chronic idiopathic neutropenia by overproduction of transforming growth factor- $\beta$ 1.* **Stem Cells Dev**. 2011 Aug;20(8):1309-18.
- Spanoudakis M, Koutala H, Ximeri M, Pyrovolaki K, Stamatopoulos K, **Papadaki HA**. *T-cell receptor V $\beta$  repertoire analysis in patients with chronic idiopathic neutropenia demonstrates the presence of aberrant T-cell expansions.* **Clin Immunol**. 2010 Dec;137(3):384-95.
- Kastrinaki MC, Pontikoglou C, Klaus M, Stavroulaki E, Pavlaki K, **Papadaki HA**. *Biologic characteristics of bone marrow mesenchymal stem cells in myelodysplastic syndromes.* **Curr Stem Cell Res Ther**. 2011 Jun;6(2):122-30.
- Klaus M, Stavroulaki E, Kastrinaki MC, Fragioudaki P, Giannikou K, Psyllaki M, Pontikoglou C, Tsoukatou D, Mamalaki C, **Papadaki HA**. *Reserves, functional, immunoregulatory, and cytogenetic properties of bone marrow mesenchymal stem cells in patients with myelodysplastic syndromes.* **Stem Cells Dev**. 2010 Jul;19(7):1043-54.
- Ximeri M, Galanopoulos A, Klaus M, Parcharidou A, Giannikou K, Psyllaki M, Symeonidis A, Pappa V, Kartasis Z, Liapi D, Hatzimichael E, Kokoris S, Korkolopoulou P, Sambani C, Pontikoglou C, **Papadaki HA**; Hellenic MDS Study Group. *Effect of lenalidomide therapy on hematopoiesis of patients with myelodysplastic syndrome associated with chromosome 5q deletion.* **Haematologica**. 2010 Mar;95(3):406-14.
- Pyrovolaki K, Mavroudi I, Sidiropoulos P, Eliopoulos AG, Boumpas DT, **Papadaki HA**. *Increased expression of CD40 on bone marrow CD34+ hematopoietic progenitor cells in patients with systemic lupus erythematosus: contribution to Fas-mediated apoptosis.* **Arthritis Rheum**. 2009 Feb;60(2):543-52.

## Participation in National and International Research Programs and Funding Sources

- **Association for International Cancer Research, AICR.** “Study of the in vivo effect of an anti-TNF $\alpha$  monoclonal antibody (cA2) on bone marrow stem/progenitor cell reserve and function and on bone marrow stromal cell function in patients with myelodysplastic syndromes” (personal funding 39.000 £) (2003-2006).
- **6FP, E.U. Genostem.** “Adult mesenchymal stem engineering for cartilage and bone repair. From the bench to the bedside” (2004-2007: 260,000 euros –personal funding).
- **General Secretariat of Research and Technology, PENED, 03ED072.** “Study of mesenchymal stem cells in myelodysplastic syndromes” (2006-2008: 56,000 euros-personal funding).
- **General Secretariat of Research and Technology, “SYNERGASIA 09SYN-13-880”** in collaboration with EKETA and Papanikolaou Hospital of Thessaloniki (2010-2013: 250,000 euros - personal funding).
- **7FP, TransPot, REGPOT-2011-1.** “Enhancing University of Crete Medical School Scientific Excellence and Translational Research Potential in Human Diseases” (2012-2015: 3,000,000 euros - in collaboration with the Medical School Faculty members).
- **General Secretariat of Research and Technology, “SYNERGASIA 11SYN\_10\_668”**, coordinator in collaboration with the Biomedical Research Foundation Academy of Athens (BRFAA) and the Institute of Molecular Biology and Biotechnology-FoRTH. Establishment of a network for public information, banking and application of umbilical cord stem cells (2013-2016: 680,000 euros).