

**PERSONAL DETAILS**



**Name:** **Maria P. Yavropoulou**  
**Affiliation:** 1<sup>st</sup> Propaedeutic Department of Internal Medicine,  
 Medical School, National and Kapodistrian University of Athens, NKUA  
 LAIKO General Hospital of Athens  
**Address:** 17 Agiou Thoma street, 11527, Athens  
**Tel:** +30-6936159517  
**Email:** [myavropoulou@med.uoa.gr](mailto:myavropoulou@med.uoa.gr)  
**Website:** [www.appk.gr](http://www.appk.gr)

**EDUCATION**

June 2002, Medical Degree Medicine School of Aristotle University of Thessaloniki, AUTH.

May 2011, **Post –Doctoral Degree (Ph.D) in Endocrinology** **Aristotle University of Thessaloniki, AUTH**  
**Ph.D. Thesis:** The Postprandial Alteration of Bone Turnover in Diseases that Affect Bone Metabolism (A Clinical Study)

2013-2015, **Master of Science (M.Sc.) Translational Research in Molecular Biology and Genetics** **School of Molecular Biology and Genetics, Democritus University of Thrace**  
**M.Sc. Diploma thesis:** The Notch and Hedgehog signaling pathways interplay in pituitary adenomas (Translational Research)

**Post Graduate Positions**

2002-2004: Intern in internal Medicine, General Hospital of Serres, Greece

2004-2008: Resident in Endocrinology AHEPA University Hospital, Thessaloniki, Greece

Jan 2009: Boards in Endocrinology

**Working Experience**

**2010-2012:** **Senior Researcher in Metabolic Bone Diseases**

- Department of Endocrinology and Metabolic Diseases, Bone Unit, Leiden University Medicine Center, LUMC, **The Netherlands (Prof. Socrates Papapoulos)**
- Department of Endocrinology and Bone Metabolic Diseases, University of Arkansas Medical Sciences, UAMS, **U.S.A (Prof. Stavros Manolagas)**

- 2012-June 2018:** **Consultant Endocrinologist**, 1<sup>st</sup> Department of Internal Medicine, AHEPA, University Hospital, Aristotle University of Thessaloniki, AUTH, Greece
- Scientific supervisor** of the Laboratory of Clinical and Molecular Endocrinology, 1<sup>st</sup> Department of Internal Medicine, AHEPA University Hospital, Aristotle University of Thessaloniki, AUTH, Greece
- July 2018:** **Consultant Endocrinologist**,  
1<sup>st</sup> Propaedeutic Department of Internal Medicine,  
Medical School, National and Kapodistrian University of Athens, NKUA  
LAIKO General Hospital of Athens, Greece
- September 2018:** **Scientific Supervisor** of the Department of Medical Research of 251 Hellenic Air Force and VA General Hospital, Athens, Greece
- October 2019:** **Quality Co-ordinator, National Referral Centre, Adult LCH Clinic**  
Department of Medical Research of 251 Hellenic Air Force and VA General Hospital, Athens, Greece
- October 2019:** **Deputy in Charge, Centre of Expertise for Rare Endocrine Diseases (C.E.R.E.D) -Disorders of Calcium and Phosphate Metabolism**  
1<sup>st</sup> Propaedeutic Department of Internal Medicine,  
LAIKO General Hospital of Athens, Greece

#### LABORATORY EXPERIENCE - TECHNICAL SKILLS

- **RT-PCR:** cDNA synthesis, SYBR, Taqman, Biorad kit, Roche Light Cycler, probe design
- **Western blot:** Tissue preparation, SDS-PAGE, Transfer, Blocking, Radioactive detection.
- **DNA-RNA-microRNA extraction** and purification from tissues or blood
- **Cell cultures** growth and handling [cell lines (mouse and human)]
- **Transfection assays** with human and murine osteoblastic cells
- **In vivo techniques** with transgenic animals

#### TEACHING EXPERIENCE

- **Scientific supervisor** in under- & post- graduate degree diploma theses.
- **Undergraduate Courses Title:** "Patient Care"-1<sup>st</sup> Department of Internal Medicine, School of Medicine, Aristotle University of Thessaloniki, AUTH.
- **Undergraduate Courses Title:** "Patient Care"-1<sup>st</sup> Department of Propedeutic Internal Medicine, School of Medicine, National and Kapodistrian University of Athens, NKUA

#### Postgraduate Courses:

1. **MSc in Metabolic Bone Diseases**, School of Medicine, National and Kapodistrian University of Athens, NKUA
2. **MSc in Aging physiology and geriatric syndromes**, School of Medicine, National and Kapodistrian University of Athens, NKUA

#### LANGUAGES

<b>English</b>	<b>Certificate of Proficiency in English</b> , University of Cambridge
	<b>Certificate of Proficiency in English</b> , University of Michigan

#### RESEARCH ACTIVITIES & PUBLICATIONS

- FULL ARTICLES in pubmed: **86** <https://pubmed.ncbi.nlm.nih.gov/?term=yavropoulou>
- **Citations:** 1566 (Google Scholar)
- **h-index:** 19 (Google Scholar)
- **i 10 index:** 39 (Google Scholar)
- PARTICIPATION (oral & posters) IN NATIONAL & INTERNATIONAL MEETINGS:**145**
- BOOK CHAPTERS: **12 (3 in international Scientific Books)**
- PARTICIPATION IN MULTICENTRIC INTERNATIONAL CLINICAL TRIALS: **7** in the field of bone metabolism and neuroendocrinology as a sub-investigator.
- Reviewer in 9 Peer Review scientific Journals
- Topic Editor in **Biomolecules** (Impact factor 4.694) [https://www.mdpi.com/journal/biomolecules/topic\\_editors](https://www.mdpi.com/journal/biomolecules/topic_editors)

**Professional and Academic Societies**

- European Society of Endocrinology (Membership number 122734)
- American Society of Bone and Mineral Research (ASBMR)
- European Society of Calcified Tissue (ECTS)
- Medical Association of Athens, GR.
- Hellenic Society for the Study of Bone Metabolism (HSSBM)
- Hellenic Endocrine Society (HES)

**Awards and Scholarships**

1. **Jens Sandahl Christiansen Award for 2020 in Basic Research, European Society of Endocrinology (ESE)**
2. **G. Tolis Award for 2019 in Basic Research, Hellenic Endocrine Society (HES)**
3. Recipient of European Calcified Tissue Society/UCB Scholarship 2019
4. Recipient of European Calcified Tissue Society/Elli Lilly Scholarship 2017
5. Recipient ESCEO-Eli Lilly Scholarship 2016
6. Scholarship for training in a research center abroad from the Hellenic Society for the Study of Bone Metabolism (HSSBM) 2010-2012
7. Excellence Scholarship in PhD thesis from the Research Committee of the Aristotle University of Thessaloniki (RC AUTH) for the academic year 2009-2010
8. Best Research Proposal Award, (Hellenic Endocrine Society, HES), 2008-2009
9. Research Grant in Diabetes, (Hellenic Diabetes Association, HDA), 2008

**2019-2020 Selected Publications**

1. Makras P, Stathi D, **Yavropoulou M**, Tsoli M, Kaltsas G The annual incidence of Langerhans cell histiocytosis among adults living in Greece. *Pediatr Blood Cancer*. 2020 Jul 2:e28422.
2. **Yavropoulou MP**, Anastasilakis AD, Makras P, Papatheodorou A, Rauner M, Hofbauer LC, Tsourdi E. Serum Profile of microRNAs Linked to Bone Metabolism During Sequential Treatment for Postmenopausal Osteoporosis. *J Clin Endocrinol Metab*. 2020 Aug 1;105(8):dgaa368.
3. Panagiotakou A, **Yavropoulou MP**, Nasiri-Ansari N, Makras P, Basdra K, Papavassileiou AG, Kassi E. Extra-skeletal effects of bisphosphonates. *Metabolism*. 2020 May 20:154264.
4. **Yavropoulou MP**, Anastasilakis AD, Panagiotakou A, Kassi E, Makras P. Gender Predilection in Sporadic Parathyroid Adenomas. *Int J Mol Sci*. 2020 Apr 22;21(8):2964.
5. Makras P, **Yavropoulou MP**, Kassi E, Anastasilakis AD, Vryonidou A, Tournis S. Management of parathyroid disorders: recommendations of the working group of the Bone Section of the Hellenic Endocrine Society. *Hormones (Athens)*. 2020 Apr 15. doi: 10.1007/s42000-020-00195-w
6. Anastasilakis AD, Polyzos SA, **Yavropoulou MP**, Makras P. Combination and sequential treatment in women with postmenopausal osteoporosis. *Expert Opin Pharmacother*. 2020 Mar;21(4):477-490. doi: 10.1080/14656566.2020.1717468.
8. Giovos G, **Yavropoulou MP**, Yovos JG. The role of cellular senescence in diabetes mellitus and osteoporosis: molecular pathways and potential interventions. *Hormones (Athens)*. 2019 Dec;18(4):339-351.
9. Anastasilakis AD, Polyzos SA, Makras P, Rauner M, Sonnleitner L, Hawa G, Tsourdi E, **Yavropoulou MP**, Missbichler A, Terpos E. Circulating noggin levels following treatment with denosumab or teriparatide in postmenopausal women with low bone mass. *J Musculoskelet Neuronal Interact*. 2019 Sep 1;19(3):253-257.
10. Antonopoulou V, Karras SN, Koufakis T, **Yavropoulou M**, Katsiki N, Gerou S, Papavramidis T, Kotsa K. Rising Glucagon-Like Peptide 1 Concentrations After Parathyroidectomy in Patients With Primary Hyperparathyroidism. *J Surg Res*. 2020 Jan;245:22-30.
11. Papakonstantinou E, Pikilidou M, Georgianos P, **Yavropoulou M**, Tsvigoulis G, Hadjistavri L, Nanoudis S, Liakopoulos V, Lasaridis A, Zebekakis P. Wave reflections and systemic vascular resistance are stronger determinants of pulse pressure amplification than aortic stiffness in drug-naïve hypertensives. *Clin Exp Hypertens*. 2020;42(3):287-293
12. **Yavropoulou MP**, Makras P, Anastasilakis AD. Bazedoxifene for the treatment of osteoporosis. *Expert Opin Pharmacother*. 2019 Jul;20(10):1201-1210
13. Zymperdikas VF, **Yavropoulou MP**, Kaklamanos EG, Papadopoulos MA. Effects of systematic bisphosphonate use in patients under orthodontic treatment: a systematic review. *Eur J Orthod*. 2019 Apr 23

14. **Yavropoulou MP**, Chronopoulos E, Trovas G, Avramidis E, Elli FM, Mantovani G, Zebekakis P & Yovos JG. Hypercalcaemia in pseudohypo-parathyroidism type 1A and type 1B. *Endocrinol Diabetes Metab Case Rep* 2019 2019.

**Athens 6 July 2020**

