TATSI ELIZABETH - BARBARA

Biologist, MSc, PhD

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EDUCATION - WORKSHOPS

06/2016-02/2020 **PhD in Molecular Endocrinology,** Medical School, National and Kapodistrian University of Athens (N.K.U.A.)

- Thesis: "Application of Next Generation Sequencing (NGS) Methodologies in the Diagnosis of Genetic Endocrinological Diseases"
  Supervisor: Christina Kanaka-Gantenbein, Professor of Pediatrics - Pediatric Endocrinology, Director of the First Department of Pediatrics, Medical School, N.K.U.A., "Agia Sofia" Children's Hospital

03/2019 **A UCSC Genome Browser workshop**, Association of Medical Geneticists of Greece, Athens

11/2015-01/2016 **Bioinformatics: Genomes and Algorithms** by Inria (Informatics mathematics) and the platform FUN (France Universite Numerique)

10/2015 **OMICS SCHOOL**, Biomedical Research Foundation of the Academy of Athens and Neurinox, Athens

02/2014-02/2016 **MSc in Molecular Medicine**, Medical School, N.K.U.A.

- Thesis: "Mutation detection of the *KCNJ11* and *PCBD1* genes in patients with MODY"
  Supervisor: Christina Kanaka-Gantenbein, Associate Professor of Pediatrics - Pediatric Endocrinology, Medical School, N.K.U.A.

10/2007-01/2013 **Department of Biology**, School of Science, N.K.U.A.

- Thesis: "Enzymatic characterization of mutant forms of human RNase κ"
  Supervisor: Diamantis Sideris, Associate Professor of Biochemistry, Department of Biology, School of Science, N.K.U.A.

SCHOLARSHIP

08/2017-06/2019 **1st PhD Fellowship grant** by the Hellenic Foundation for Research and Innovation (HFRI) and the General Secretariat for Research and Technology (GSRT)

WORK EXPERIENCE

11/2019-Today **Division of Infectious Diseases and Chemotherapy**, First Department of Pediatrics Medical School, National and Kapodistrian University of Athens, "Aghia Sophia" Children's Hospital

07/2015-08/2017 **Division of Endocrinology, Metabolism & Diabetes**, First Department of Pediatrics, Medical School, National and Kapodistrian University of Athens, "Aghia Sophia" Children's Hospital

07-10/2013 **Division of Immunology**, General Hospital of Nikaia - Piraeus "Saint Panteleimon" (volunteer work)

03-06/2013 **Division of Biochemistry**, "Aghia Sophia" Children's Hospital (volunteer work)

PUBLICATIONS

1. E.-A. Vlachopapadopoulou, E. Dikaiakou, A. Fotiadou, P. Sifianou, **E.B. Tatsi** et al. Detection of hepatocyte nuclear factor 4A (*HNF4A*) gene variant as the cause for congenital hyperinsulinism leads to revision of the diagnosis of the mother. Journal of Pediatric Endocrinology and Metabolism 2020 (Under Review)
2. **E.B. Tatsi**, et al. Next Generation Sequencing Targeted Gene Panel in Greek MODY patients increases diagnostic accuracy. Pediatric Diabetes. 2020;21(1):28-39

3. T. Koufakis, A. Sertedaki, **E.B. Tatsi**, et al. First Report of Diabetes Phenotype due to a Loss-of-Function *ABCC8* Mutation Previously Known to Cause Congenital Hyperinsulinism. Case Reports in Genetics 2019;2019:3654618
4. A. Patsaoura, **E. Tatsi**, et al. Plasma neutrophil gelatinase-associated lipocalin levels are markedly increased in patients with non-transfusion-dependent thalassemia: Lack of association with markers of erythropoiesis, iron metabolism and renal function. Clinical Biochemistry 2014;47(12):1060-4

ORAL AND POSTER PRESENTATIONS

09/2019 "Whole Exome Sequencing (WES) reveals oligogenic gene mutations in a case of Combined Pituitary Hormone Deficiency (CPHD)", A. Sertedaki, **E.B. Tatsi**, E. Nikaina, et al. Poster Presentation, 58th Annual Meeting of European Society of Pediatric Endocrinology, Vienna, Austria

09/2019 "Next Generation Sequencing in Greek MODY patients increases diagnostic accuracy and reveals a high percentage of MODY12 cases", **E.B. Tatsi**, A. Sertedaki, A. Scorilas, et al. Oral Presentation, 58th Annual Meeting of European Society of Pediatric Endocrinology, Vienna, Austria

05/2019 "Large phenotypic variability of diabetes due to *ABCC8* gene mutation illustrated by the paradigm of a family", T. Koufakis, A. Sertedaki, **E.B. Tatsi**, et al. Poster Presentation, 21st European Congress of Endocrinology, Lyon, France

05/2019 "Next generation sequencing reveals *ABCC8* (MODY 12) variants in two families with diabetes mellitus (DM)", A. Markou, A. Sertedaki, **E. Tatsi**, et al. Poster Presentation, 21st European Congress of Endocrinology, Lyon, France

04/2019 "Targeted Next Generation Sequencing (NGS) in 50 patients with Monogenic Diabetes Mellitus (DM) MODY", **E. Tatsi.** Oral Presentation, 46ο National Congress of Endocrinology, Metabolism and Diabetes, Athens, Greece

04/2019 "Large phenotypic variability of diabetes in a family, members of which carried the *ABCC8* gene mutation R1352H", T. Koufakis, S. Karras, A. Sertedaki, **E.B. Tatsi**, et al. ePoster Presentation, 46ο National Congress of Endocrinology, Metabolism and Diabetes, Athens, Greece

04/2019 "Presentation of two different families with Diabetes Mellitus (DM) and mutations of the *ABCC8* gene (MODY12)", A. Markou, A. Sertedaki, **E. Tatsi**, et al. ePoster Presentation, 46ο National Congress of Endocrinology, Metabolism and Diabetes, Athens, Greece

09/2018 "The application of Next Generation Sequencing MODY gene panel in Greek patients", **E. Tatsi**, P. Smirnaki, P. Triantafilou, et al. ePoster Presentation, 57th Annual Meeting of European Society of Pediatric Endocrinology, Athens, Greece

01/2016 "Mutation detection of the *KCNJ11* and *PCBD1* genes in patients with MODY", **E. Tatsi**. Oral Presentation, Postgraduate Courses, Division of Endocrinology, Metabolism & Diabetes, First Department of Pediatrics, Medical School, N.K.U.A., "Aghia Sophia" Children's Hospital

PERSONAL SKILLS

- Greek (native language)
- English (Certificate of Proficiency in English, University of Michigan / C2)
- Italian (Certificate Statale di Conoscenza delle Lingue / B1)
- ECDL Core Certificate