

Europass Curriculum Vitae

Personal information

First name/Surname **MELANIA BALAŞ**
Address University of Medicine and Pharmacy „Victor Babeş“ Timișoara – Endocrinology Department,
P-ța Eftimie Murgu Nr. 2 , 300041 Timișoara, Romania

Work experience

Dates Sept. 2021 – present

Occupation or position held Assoc.Prof., Endocrinology Department, University of Medicine and Pharmacy Timisoara
Consultant endocrinologist in the Department of Endocrinology
Name and address of the employer • University of Medicine and Pharmacy „Victor Babeş“ Timisoara
• Emergency County Hospital „Pius Brânzeu“ Timișoara

Dates Mar.2017-Sept.2021

Occupation or position held Lecturer, Endocrinology Department, University of Medicine and Pharmacy Timisoara
Consultant endocrinologist, Department of Endocrinology

Dates Apr. 2007- Mar.2017

Occupation or position held Assist.Prof., Endocrinology Department, University of Medicine and Pharmacy Timisoara
Specialist in Endocrinology, Department of Endocrinology

Dates March 2004- Apr. 2007

Occupation or position held Assist.Prof, Endocrinology Department, University of Medicine and Pharmacy Timisoara
Resident in Endocrinology

Dates Jan. 2002– Dec. 2006

Occupation or position held Resident doctor in Endocrinology, University of Medicine and Pharmacy Timisoara
Name of the employer Emergency County Hospital „Pius Brânzeu“ Timișoara

Education and training

Dates October 2013-June 2014

Title of qualification awarded Pedagogy course, Department for teachers training in Medicine
Name of the organization providing education and training West University, Timișoara

Dates February 2009

Title of qualification awarded PhD diploma in Medicine
Name of the organization University of Medicine and Pharmacy „Victor Babeş“ Timisoara

Dates **March 2007**
 Title of qualification awarded Specialist in Endocrinology
 Name of the organization providing education and training University of Medicine and Pharmacy „Victor Babeş” Timisoara
 Emergency County Hospital „Pius Brânzeu” Timișoara

Dates **1994 – 2000**
 Title of qualification awarded Medical doctor diploma
 Name of the organization providing education and training University of Medicine and Pharmacy „Victor Babeş” Timisoara

Personal skills and competences

Foreign languages English language (C1 level)

Research grants
 1. Director of the project: Thyroid dysfunction induced by amiodarone. Doctoral grant CNCSIS (National Council for Scientific Research in University), National Plan in Research, Development and Innovation – PN II, Human Resources program, grant code TD 413, period: 2007-2008.
 2. Member in the project: Experimental study on multiple systems actions (thyroid gland, myocardium, lung) of amiodarone and desethylamiodarone versus iodine, in the wistar rats. Grant CNCSIS, code TA 745, period: 2006-2007. Director of the project: Prof. Dr. Ioana Zosin (Department of Endocrinology, University of Medicine and Pharmacy "Victor Babeş", Timișoara)

Selected publications

Papers in ISI indexed journals:

- Gurban CV, Balas M, Vlad MM, Caraba AE, Jianu AM, Bernad ES, Borza C, Banicioi-Covei S, Motoc AGM. Bone turnover markers in postmenopausal osteoporosis and their correlation with bone mineral density and menopause duration. Rom J Morphol Embryol 2019, 60(4):1127–1135
- Tudoran M, Tudoran C, Vlad M, Balas M, Abu Awwad A, Pop GN. Impact of Therapy with L-Thyroxine on the Evolution of Arterial and Aortic Stiffness in Female Patients with Overt and Subclinical Hypothyroidism. Rev Chim (Buc) 2019; 70(4):1372-76
- Tudoran C, Tudoran M, Parv F, Pop GN, Balas M, Vlad M. Association between impaired arterial and aortic stiffness and diastolic dysfunction in female patients with overt and subclinical hypothyroidism. Acta Medica Mediterranea 2019;35:2843-49
- Tudoran C, Tudoran M, Parv F, Pop GN, Abu Awwad A, Vlad M, Balas M. Factors influencing the evolution of pulmonary hypertension in patients with hyperthyroidism. Rev Chim (Buc) 2019;70(4):1328-32
- Tudoran C, Tudoran M, Vlad M, Balas M, Ciocarlie T, Parv F. Alterations of heart rate variability and turbulence in female patients with hyperthyroidism of various severities. Niger J Clin Pract 2019;22:1349-55
- Mederle OA, Balas M, Ioanoviciu SD, Gurban CV, Tudor A, Borza C. Correlations between bone turnover markers serum magnesium and bone mass density in postmenopausal osteoporosis. Clin Interv Aging 2018; 13: 1383-1389
- Tudoran C, Tudoran M, Vlad M, Balas M, Pop GN, Parv F. Echocardiographic evolution of pulmonary hypertension in female patients with hyperthyroidism. Anatol J Cardiol 2018; 20:174-181
- Golu I, Sporea I, Moleriu L, Tudor A, Cornianu M, Vlad A, Timar R, Balas M, Amzar D, Vlad M. 2D-Shear Wave elastography in the evaluation of parathyroid lesions in patients with hyperparathyroidism. Int J Endocrinol 2017;2017:9092120
- Balaș M, Zosin I, Maser-Gluth C, Hermsen D, Cupisti K, Schott M, Schinner S, Knoefel WT, Scherbaum WA, Willenberg HS. Indicators of mineralocorticoid excess in the evaluation of primary aldosteronism. Hypertension Research. 2010; 33: 850–856.
- Zosin I, Balaș M. Amiodarone-induced thyroid dysfunction in an iodine- replete area:

- epidemiological and clinical data. Polish Journal of Endocrinology. 2012; 63 (1): 2-9.
11. Zosin I, Balaş M. Clinical, ultrasonographical and histopathological aspects in Hashimoto's thyroiditis associated with malignant and benign thyroid nodules. Endokrynol Pol 2013; 64 (4): 255–262.
 12. Torok-Oance R, Balas M. Body weight, BMI, and stature have a protective effect on bone mineral density in women with postmenopausal vertebral osteoporosis, whereas greater age at menarche and years after menopause have a negative effects. Brief communication (original). Asian Biomedicine 2015; 9(1): 81-86.
 13. Zosin I, Balaş M, Golu I, Vonica O, Badescu L, Ursoniu S. Diagnostic approaches in a series of cases with Graves' ophthalmopathy. Acta Endocrinol. 2010; 6 (4):455-464.
 14. Suci L, Cristescu C, Tomescu M, Balaş M, Mureşan R, Vlaia V, Voicu M, Suci M, Grădinaru R, Vlaia L, Drăgănescu D. The impact of hypertension and associated comorbidities on quality of life assessment questionnaire Sf-36 V2, Farmacia, 2013, 61(3): 503-517.
 15. Gurban C, Balaş M, Zosin I, Vlad DC, Dumitrascu V. Evaluation of osteoblastic/osteoclastic activity in postmenopausal osteoporosis. Rev Rom Med Labr. 2012; 20 (2/4):143-150.
 16. Tudoran C, Tudoran M, Avram R, Vlad M, Balaş M. Evolution of pulmonary hypertension in hyperthyroid patients. Acta Endocrinol (Buc). 2012; 8 (3): 443-452.
 17. Zosin I, Cornianu M, Golu I, Balaş M. Usefulness of immunohistochemistry in the diagnostic of nodular thyroid disease. Acta Endocrinol. 2007; (4): 437-449.

Papers published in journals indexed in international indexed databases:

1. Zosin I, Golu I, Cornianu M, Vlad M, Balaş M. Some clinical aspects in chronic autoimmune thyroiditis associated with thyroid differentiated cancer. Maedica- Journal of Clinical Medicine, 2012, 7(4): 277-283
2. Zosin I, Balaş M, Golu I, Vranceanu L. Thyroid dysfunctions induced by Amiodarone. in Maedica- Journal of Clinical Medicine, 2007; 2(1): 18-24.
3. Vlad M, Amzăr D, Bănică D, Golu I, Balaş M, Vlad A, Timar R, Zosin I. Glucose and lipid abnormalities in newly diagnosed acromegalic patients. Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 2015, 22(1): 47-51.
4. Suci L, Cristescu C, Balaş M, Voicu M, Suci M, Drăgan L, Tomescu M. The cost-effectiveness analysis of perindopril versus candesartan cilexetil treatment in hypertensive patients with left ventricular hypertrophy. Medicine in evolution, 2013, XIX (2): 410-419.

Timișoara,
21st Feb.2022

Assoc.Prof.Dr. Melania Balaş