

Berna İmge AYDOĞAN

PERSONAL INFORMATION:

Date of birth: 07.18.1982

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EDUCATION:

2000-2006 Hacettepe University Faculty of Medicine

WORK EXPERIENCE

November 2006- April 2011 Fellow at Ankara University Faculty of Medicine, Department of Internal Medicine.

October 2011-June 2016 Fellow at Ankara University Faculty Of Medicine, Department of Endocrinology and Metabolism.

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RESEARCH INTERESTS:

Differentiated thyroid cancer, pituitary adenomas, diabetes mellitus

PUBLISHED ARTICLES

- 1- Aydoğan BI, Erarslan E, Ünlütürk U, Güllü S. Effects of telmisartan and losartan treatments on bone turnover markers in patients with newly diagnosed stage I hypertension. J Renin Angiotensin Aldosterone Syst. 2019 Jul-Sep ;20(3): 1470320319862741. doi: 10.1177/1470320319862741.
- 2- Aydoğan Bİ, Ünlütürk U, Ateş FSÖ, Erdoğan MF. Sonographic follow-up of patients with differentiated thyroid carcinoma: a comparison of the ultrasound elastography, power doppler ultrasound, and b-mode ultrasound features in detecting malignant lymph nodes. Endocr Pract. 2019;25(10):1049-1055. doi: 10.4158/EP-2018-0567.
- 3- Aydoğan Bİ, Mutlu ABB, Keskin Ç, Ateş FSÖ, Güllü S. The Impact of Serum C-peptide Level on Bone Mineral Density in Postmenopausal Type 2 Diabetic Women. Medical Science and Discovery, 2019; 6(9):16. doi:10.36472/msd.v6i9.274
- 4- Emral R, Aydoğan Bİ, Köse AD, Demir Ö, Çorapçioğlu D. Could a nonfunctional adrenal incidentaloma be a risk factor for increased carotid intima-media thickness and metabolic syndrome. Endocrinol Diabetes Nutr.2019;66(7):402-409. doi: 10.1016/j.endinu.2019.01.007.
- 5- Aydoğan Bİ, Şahin M, Ceyhan K, Deniz O, Demir Ö, et al. The influence of thyroid nodule size on the diagnostic efficacy and accuracy of ultrasound guided fine-needle aspiration cytology. Diagn Cytopathol. 2019;47(7):682-687. doi: 10.1002/dc.24170
- 6- Hasanov R, Aydoğan Bİ, Kiremitçi S, Erden E, Güllü S. The prognostic roles of Ki 67 proliferation index, P53 expression, mitotic index and radiological tumor invasion in pituitary adenomas. Endocr Pathol. 2019 Mar;30(1):49-55. doi: 10.1007/s12022-018-9563-2.
- 7- Keskin C, Sahin M, Hasanov R, Aydoğan BI, Demir O, et al. Frequency of thyroid nodules and thyroid cancer in thyroidectomized patients with Graves' disease. Arch Med Sci. 2019 DOI: <https://doi.org/10.5114/aoms.2018.81136>

- 8- Aydoğan BI, Ersöz CC, Sak SD, Güllü S. The association between lymph node metastasis and molecular markers in differentiated thyroid cancer. *Acta Endocrinologica* 2018;14(1):55-65
- 9- Aydoğan BI, Ceyhan K, Sahin M, et al. Are thyroid nodules with spongiform morphology always benign? *Cytopathology : official journal of the British Society for Clinical Cytology* 2018 doi: 10.1111/cyt.12635[published Online First: Epub Date]].
- 10- Aydoğan BI, Unluturk U, Emral R, et al. Course of Aggressive Somatotroph, Corticotroph and Mammotroph Tumors under Temozolomide; Report of Three Cases and Review of the Literature. *Turkish neurosurgery* 2017 doi: 10.5137/1019-5149.JTN.20216-17.1[published Online First: Epub Date]].
- 11- Aydoğan BI, Yuksel B, Tuna MM, et al. Distribution of RET Mutations and Evaluation of Treatment Approaches in Hereditary Medullary Thyroid Carcinoma in Turkey. *Journal of clinical research in pediatric endocrinology* 2016;**8**(1):13-20 doi: 10.4274/jcrpe.2219[published Online First: Epub Date]].
- 12- Sengul Aycicek G, Aydoğan BI, Sahin M, et al. Clinical Impact of p27(Kip1) and CaSR Expression on Primary Hyperparathyroidism. *Endocrine pathology* 2018;**29**(3):250-58 doi: 10.1007/s12022-018-9524-9[published Online First: Epub Date]].
- 13- Colak S, Aydoğan BI, Gokcay Canpolat A, et al. Is primary hyperparathyroidism a cause of endothelial dysfunction? *Clinical endocrinology* 2017;**87**(5):459-65 doi: 10.1111/cen.13418[published Online First: Epub Date]].
- 14- Mann JFE, Orsted DD, Buse JB. Liraglutide and Renal Outcomes in Type 2 Diabetes. *The New England journal of medicine* 2017;**377**(22):2197-98 doi: 10.1056/NEJMc1713042.
- 15- Marso SP, Daniels GH, Brown-Frandsen K, et al. Liraglutide and Cardiovascular Outcomes in Type Diabetes. *The New England journal of medicine* 2016;**375**(4):311-22 doi: 10.1056/NEJMoa1603827[published Online First: Epub Date]].
- 16- Aydoğan BI, Dizbay Sak S, Gullu S. Cervical Paraganglioma Mimicking Thyroid Nodule: A Rare Clinical Case. *Case reports in endocrinology* 2016;**2016**:8527279 doi: 10.1155/2016/8527279[published Online First: Epub Date]].

- 17- Oral E, Aydoğan Mathyk B, Aydoğan Bİ, et al. Iodine status of pregnant women in a metropolitan city which proved to be an iodine-sufficient area. Is mandatory salt iodisation enough for pregnant women? Gynecological endocrinology : the official journal of the International Society of Gynecological Endocrinology 2016;**32**(3):188-92 doi: 10.3109/09513590.2015.1101443[published Online First: Epub Date]].
- 18- Erdogan MF, Demir O, Ersoy RU, Gül K, Aydoğan Bİ, et al. Comparison of Early Total Thyroidectomy with Antithyroid Treatment in Patients with Moderate-Severe Graves' Orbitopathy: A Randomized Prospective Trial. European thyroid journal 2016;**5**(2):106-11 doi: 10.1159/000444796[published Online First: Epub Date]].
- 19- Aydoğan Bİ, Gerede DM, Canpolat AG, et al. Cushing's Disease Presented by Reversible Dilated Cardiomyopathy. Case reports in cardiology 2015;**2015**:980897 doi: 10.1155/2015/980897[published Online First: Epub Date]].
- 20- Kutlay S, Atlı T, Aydoğan Bİ, Tutkak H, Nergizoğlu G. The association of serum vitamin D levels with severe cardiometabolic risk and aortic pulse wave velocity in elderly patients. European Geriatric Medicine 2014;**5**:238-241.
- 21- Aydoğan Bİ, Şahin M. Adipocytokines in Thyroid Dysfunction. ISRN Inflammation 2013; 646271 doi:10.1155/2013646271.
- 22- Çelebi ZK, Aydoğan Bİ, Uysal AR. Frequency of Vitamin D Deficiency in Postmenopausal Women Who Live in Ankara Region. J Ankara Univ Fac Med 2019; **72**: 192-198. doi: 10.4274/atfm.galenos.2019.30316
- 23- Çakmak G, Aydoğan Bİ, Ersöz CC, Özkan E, Dizbay Sak S, Güllü S. Relation of 18-F-FDG PET/CT Positivity with tumor cytopathology, Galectin-3, PTEN, Ki-67 and NIS expressions in thyroid nodules. Turk J Endocrinol Metab 2018;**17**:176-182.
- 24- Gerede DM, Kozluca V, Esenboğa K, Aydoğan Bİ, Tutar E. Markedly elevated troponin in diabetic ketoacidosis without acute coronary syndrome. Turk J Endocrinol Metab 2016;**20**:58-60.
- 25- Aydoğan Bİ, Ünlütürk Ü, Demir Ö, Şahin M, Başkal N, Uysal AR. Early Onset Werner Syndrome. Turk J Endocrinol Metab 2015;**19**:99-104.

26- Aydoğan Bİ, Erdoğan MF. Iodine Metabolism in Pregnancy/ Gebelikte iyot metabolizması. Türkiye Klinikleri J Endocrin-Special Topics 2014;7 (1):6-11.

ORAL AND POSTER PRESENTATIONS AT INTERNATIONAL CONGRESSES

- 1- Güllü S, Asfurođlu Kalkan E, Aydoğan Bİ, Canlar Ş, Gökçay Canpolat A, Dinçer İ. Effects of DPP4 inhibitors on BNP, GLP-1, NPY, SP and global longitudinal strain measurements in type 2 diabetes mellitus patients. European Association for the Study of Diabetes Meeting 2018, Berlin, Germany.
- 2- Başkal N, Gökçay Canpolat A, Keskin Ç, Aydoğan Bİ, Demir Ö et al. The frequency of maturity onset diabetes of young and distribution of mutations according to the genes in patients with type 1 and type 2 diabetes. ENDO 2018, Chicago, USA.
- 3- Hasanov R, Aydoğan Bİ, Güllü S. The association between Ki-67 proliferation index, P53 expression, mitotic index, tumor invasion and the risk of recurrence in pituitary adenomas. 20th European Congress of Endocrinology 2018, Barcelona, İspanya. DOI:10.1530/endoabs.56.P813.
- 4- Canpolat Gökçay A, Aydoğan Bİ, Canlar Ş, Güllü S, Erdoğan MF. Development of hypoparathyroidism due to targeted therapies. 19th European Congress of Endocrinology 2017, Lizbon, Portekiz. DOI: 10.1530/endoabs.49.EPI1487.
- 5- R. Emral, M. Sahin, I. Aydogan, S. Gullu, M. Erdogan, D. Corapcioglu. Long term prognosis of differentiated thyroid cancer patients according to existence of thyroiditis. 87.th Annual Meeting of the American Thyroid Association. 2017. Canada. DOI:10.1089/thy.2017.29046.
- 6- M. Sahin, R. Emral, İ. Aydogan, S. Gullu, M. Erdogan, O. Demir, V. Gedik, N. Baskal, D. Corapcioglu. Long term outcome of surgical preference in low-risk thyroid cancers and papillary thyroid microcarcinomas. 87.th Annual Meeting of the American Thyroid Association. 2017. Canada. DOI:10.1089/thy.2017.29046.
- 7- DM. Gerede Uludag, Bİ. Aydogan, S. Tan Kurklu, A. Acibuca, N. Turan, R. Emral, I. Dincer, C. Erol. Determination of the relationship between vitamin D level and

subclinical cardiac dysfunction using by 2D / 3D strain echocardiography. Eur Heart J Cardiovasc Imaging Abstracts Supplement, 2017 Lizbon, Portekiz.

- 8- Sule Canlar, Murat Cinel, Berna İmge Aydoğan , Çağlar Keskin, Sevim Gullu, Özgür Demir, Rifat Emral, Sevim Gullu, Demet Çorapçıoğlu, Vedia Tonyukuk Gedik, Nilgün Baskal, Murat Erdogan. Demographic, clinical, pathological characteristics and remission rates of 624 differentiated thyroid cancer (dct) patients from a single center. 40th Annual Meeting of the European Thyroid Association 2017, Madrid, İspanya.
- 9- Berna İmge Aydoğan, Cevriye Cansız Ersoz , Serpil Dizbay Sak , Sevim Gullu. The association between lymph node metastasis and molecular markers in differentiated thyroid cancer. 40th Annual Meeting of the European Thyroid Association 2017, Copenhag, Danimarka.
- 10- Berna İmge Aydoğan, Cevriye Cansız Ersoz , Serpil Dizbay Sak , Sevim Gullu. The association between lymph node metastasis and molecular markers in differentiated thyroid cancer. 40th Annual Meeting of the European Thyroid Association 2017, Copenhag, Danimarka.
- 11- R. Hasanov, R. Emral, M. Sahin, C. Keskin, I. Aydogan, O. Demir, M. Erdogan, S. Gullu, V. Tonyukuk Gedik, N. Baskal, A. Uysal, D. Corapcioglu. Frequency of thyroid nodules and differentiated thyroid cancer in Graves disease. 86th Annual Meeting of the American Thyroid Association. 2016, Colorado, USA.
- 12- M. Sahin, R. Emral, I. Aydogan, O. Demir, S. Gullu, M. Erdogan, V. Gedik, N. Baskal, A. Uysal, D. Corapcioglu. Longterm outcome of follicular variant papillary thyroid cancers compared to classical variants. 86th Annual Meeting of the American Thyroid Association. 2016, Colorado, USA.
- 13- R. Hasanov, O. Demir, M. Cinel, I. Aydogan, A.G. Canpolat, S. Canlar, C. Keskin, M. Sahin, R. Emral, S. Gullu, M.F. Erdogan, V.T. Gedik, N. Baskal, A.R. Uysal, D. Corapcioglu. Cancer incidence in patients with acromegaly. 86th Annual Meeting of the American Thyroid Association. 2016, Colorado, USA.
- 14- Güzin Cakmak, Berna İmge Aydoğan, Sevim Gullu. Relation of F-18 FDG PET/CT positivity with tumor cytopathology and molecular markers in malignant and benign

- thyroid tumors. 18th European Congress of Endocrinology 2016. Mnnih, Almanya.
DOI: 10.1530/endoabs.41.EP1141
- 15- Erdođan MF, Aydođan B, Demirer S, Erbil Y. Diagnostic and therapeutic approaches to thyroid nodules from different specialists of Turkey. 15th International Thyroid Congress. 2015 Florida, USA.
- 16- Sevgi Colak, Berna Imge Aydogan, Asena Gkcay Canpolat, Cansin Tulunay Kaya, Mustafa Sahin, Demet Corapcioglu, Ali Riza Uysal, Rifat Emral. Cardiovascular risk factors in patients with medically observed and operated primary hyperparathyroidism. 17th European Congress of Endocrinology 2015. Dublin, İrlanda (Szel Sunum). DOI: 10.1530/endoabs.37.OC3.4
- 17- Ozgr Demir, Asena Gkcay Canpolat, Berna Imge Aydogan, ađlar Keskin, Sule Canlar, Mustafa Sahin, Rifat Emral, Sevim Gullu , Vedia Tonyukuk Gedik, Ali Riza Uysal, Demet Corapcioglu. Clinical features and treatment outcomes of resistant acromegaly patients: a single-centre study. 17th European Congress of Endocrinology 2015. Dublin, İrlanda. DOI: 10.1530/endoabs.37.EP823.
- 18- Aydogan B, Emral R, Corapcioglu D. A case of lymphocytic hypophysitis presented as hemorrhagic pituitary macroadenoma. 16th European Congress of Endocrinology 2014. Wroclaw, Polonya. DOI: 10.1530/endoabs.35.P864.
- 19- Engin Oral, Abdullah Serdar Aıkgz, Begm Aydođan, Berna İmge Aydođan, Hasniye elik Acođ lu, et al. Iodine status of pregnant women from İstanbl. 38th Annual Meeting of the European Thyroid Association 2014. Compostela, İspanya.
- 20- Berna İmge Aydođan, Sevim , Gll. Cervical paraganglioma mimicking thyroid nodule. 38th Annual Meeting of the European Thyroid Association 2014. Compostela, İspanya.
- 21- Aynur Aktađ, nsal Aydın, Berna İmge Aydođan, Kudret Erkenekli, Gnl Ko, et al. Iodine status, thyroid volume and nodularity during pregnancy. 38th Annual Meeting of the European Thyroid Association 2014. Compostela, İspanya.
- 22- Rifat Emral, Berna İmge Aydođan, Ali Riza Uysal, Demet orapiođlu. Invasive and recurrent ACTH producing pituitary macroadenoma. ENDO 2014. Endocrine reviews 35(3). Chicago, USA.

- 23- Çorapçiođlu D, Şahin M, Ceyhan K, Aydođan Bİ, Deniz O.et al. Nodule size decrease the sensitivity of fine needle aspiration biopsy. 83rd Annual Meeting of the American Thyroid Association. 2013, San Juan, Puerto Rico.
- 24- Erdođan MF, Demir Ö, Ersoy RÜ, Gül K, Ünlütürk U, Aydođan Bİ, Üç ZA, Mete T, Ertek S, Çakır B, Güler S, Çorapçiođlu D, Dađdelen S, Erdođan G. Comparison of early total thyroidectomy with antithyroid treatment in patients with moderate to severely active graves' orbitopathy, a randomized prospective trial. 37th Annual Meeting of the European Thyroid Association 2013, Leiden, Hollanda.
- 25- Aydogan Bİ, Güllü S, Can F, Yüksel B, Özkan E, Emral R, Küçük Ö, Çorapçiođlu D, Bařkal N, Uysal AR, Erdođan M. High Thyroglobulin Levels at Remnant Ablation May Predict Recurrent/Persistent Disease in Differentiated Thyroid Cancer(DTC) . 37th Annual Meeting of the European Thyroid Association 2013, Leiden, Hollanda. Eur Thyroid J 2013;2(1):75–194.
- 26- Aydogan Bİ, Erdođan MF, Öztürk B, Özkan E, Şahin M, Emral R, Küçük Ö, Çorapçiođlu D, Bařkal N, Uysal AR, Güllü S. Basal Thyroglobulin Levels May Predict Recurrent and Persistent Disease in Differentiated Thyroid Cancer(DTC). 37th Annual Meeting of the European Thyroid Association 2013, Leiden, Hollanda. Eur Thyroid J 2013;2(1):75–194.
- 27- Aydođan Bİ, Paçacı G, Ünlütürk U, Bařkal N, Güllü S. Experience with Temozolomide for Functional Pituitary Macroadenomas. ENDO 2013, The Endocrine Society's 95th Annual Meeting San Francisco, USA. Endocrine Reviews 34(03):171.
- 28- Aydođan Bİ, Kubilay P, Uysal AR, Güllü S. Sulfasalazine related false positive urinary normetanephrine. ENDO 2013, The Endocrine Society's 95th Annual Meeting San Francisco, USA. Endocrine Reviews 34(03):171.
- 29- Emral R, Demir Köse A, Aydogan Bİ, Sahin M , Corapcioglu D. Evaluation of carotis intima media thickness in adrenal incidentaloma patients. ENDO 2013, The Endocrine Society's 95th Annual Meeting San Francisco, USA. Endocrine Reviews 34(03):171.
- 30- Aydogan Bİ, Unluturk U, Can F, Sahin M, Uysal AR. Fahr's disease with dystonia: a case report 15th European Congress of Endocrinology 2014, Kopenhag, Danimarka. DOI: 10.1530/endoabs.32.P130.

- 31- Aydoğan Bİ, Yurumez S, Sengul G, Sahin M& Baskal N. Atypical early onset Werner's syndrome. 15th European Congress of Endocrinology 2014, Kopenhag, Danimarka. DOI: 10.1530 /endoabs.32.P391.
- 32- Yuksel B, Aydoğan Bİ, Gursoy A, Tuna MM, Basaran M, Akkurt A, Ergoğan MF. Evaluation of treatment approaches to the sporadic and hereditary medullary thyroid carcinoma in Turkey. 15th European Congress of Endocrinology 2014, Kopenhag, Danimarka. DOI: 10.1530/endoabs.32.P1086.
- 33- Yuksel B, Aydoğan Bİ, Gursoy A, Tuna MM, Basaran M, Akkurt A, Ergoğan MF. Distribution of RET proto-oncogene mutations among Turkish familial medullary thyroid cancer/multiple endocrine neoplasia 2 patients. 15th European Congress of Endocrinology 2014. DOI: 10.1530/endoabs.32.P1090
- 34- Mustafa Sahin, Berna Imge Aydoğan, Bagdagul Yuksel, Murat Faik Erdogan, Sevim Gullu , Rifat Emral, Demet Corapcioglu, Nilgun Baskal , Ali Riza Uysal. Evaluation of whole-body scan, stimulated thyroglobulin after thyroxine withdrawal vs recombinant TSH administration according to the risk groups of tumor recurrence. 15th European Congress of Endocrinology 2014. DOI: 10.1530/endoabs.32.P1103.
- 35- Aydoğan Bİ, Yüksel B, Özkan E, Can F, Öztürk B, Küçük Ö, Emral R, Güllü S, Çorapçıoğlu D, Kır M, Başkal N, Uysal AR, Erdoğan MF. Assesment of factors associated with recurrence in differentiated thyroid cancer; the Ankara University Experience. World Congress of Thyroid Cancer 2013, Toronto, Canada.
- 36- Erdoğan MF, Unluturk U, Gullu S, Aydoğan İB, Uysal AR. Analysis of ultrasound elastography, power doppler, and b-mode ultrasound features in differential diagnosis of malignant lymph nodes in patients with differentiated thyroid carcinoma. 36th Annual Meeting of the European Thyroid Association 2012, Pisa, İtalya. Eur Thyroid J 2012;1:75–208. DOI:10.1159/000339890.
- 37- Erdoğan MF, Demir Ö, Ersoy RÜ, Gül K, Ünlütürk U, Aydoğan Bİ, Üç ZA, Mete T, Ertek S, Çakır B, Aral Y, Güler S, Erdoğan G, Ankara Thyroid Study Group. Comparison of early total thyroidectomy with antithyroid treatment in patients with moderate to severely active Graves' orbitopathy, a randomized prospective trial. 36th Annual Meeting of the European Thyroid Association 2012, Pisa, İtalya. Eur Thyroid J 2012;1:75–208. DOI:10.1159/000339890.

- 38- Aydođan Bİ, Unluturk U, Tařkıran B, Can F, Yuksel B, Ozkan E, Erdođan MF, Gullu S, Emral R, Bařkal N, Corapcıođlu D, řahin M1, Kucuk O, Uysal AR. Effect of prophylactic central lymph node dissection on postoperative stimulated thyroglobulin levels and on disease persistence and recurrence in lymph node negative patients with papillary thyroid carcinoma. 36th Annual Meeting of the European Thyroid Association 2012, Pisa, İtalya. Eur Thyroid J 2012;1:75–208. DOI:10.1159/000339890.
- 39- Tařkıran B, Aydođan Bi, Unluturk U, Ozturk B, Bali E, Gullu S, Erdođan MF, Emral R, Bařkal N, Corapcıođlu D, řahin M, Ozkan E, Kucuk O, Uysal AR. The relationship of preoperative tshlevels and coexisting autoimmune thyroid disease with tumor stage at the diagnosis and recurrence in differentiated thyroid carcinoma patients. 36th Annual Meeting of the European Thyroid Association 2012, Pisa, İtalya. Eur Thyroid J 2012;1:75–208. DOI:10.1159/000339890.