###### ÖZGEÇMİŞ

**I- Bireysel Bilgiler**

Adı Zeynep Elif

Soyadı YEŞİLYURT

Doğum yeri ve tarihi Altındağ, 1992

Uyruğu T.C.

Medeni durumu Bekar

İletişim adresi ve telefonu Esertepe Mah. 243. Cad. 20/9 Etlik

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**II- Eğitimi**

(2016-2023) Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr) (Eczacılık)

(2011-2016) Ankara Üniversitesi Eczacılık Fakültesi

(2010-2011) Ankara Üniversitesi Yabancı Diller Yüksek Okulu, Hazırlık

(2006-2010) Ankara Atatürk Lisesi

Yabancı dili: İngilizce

**III- Ünvanları**

Araştırma Görevlisi

**IV- Mesleki deneyimi**

(2021- devam ediyor) Araştırma Görevlisi, Gazi Üniversitesi Eczacılık Fakültesi Farmakoloji Anabilim Dalı

**V- Üye olduğu bilimsel kuruluşlar**

British Pharmacological Society

**VI- Bilimsel İlgi Alanları**

Yayınları

Makaleler (Uluslararası)

Yesilyurt ZE, Matthes J, Hintermann E, Castaneda TR, Elvert R, Beltran-Ornelas JH, Silva-Velasco DL, Xia N, Kannt A, Christen U, Centurion D, Li H, Pautz A, Arioglu-Inan E, Michel MC. Analysis of 16 studies in nine rodent models does not support the hypothesis that diabetic polyuria is a main reason of urinary bladder enlargement. *Front Physiol.* 2022;13:923555.

Erdogan BR, Yesilyurt ZE, Arioglu-Inan E, Michel MC. Validation of Fenoterol to Study β2-Adrenoceptor Function in the Rat Urinary Bladder. *Pharmacology.* 2022;107(1-2):116-121.

Muderrisoğlu AE, Erdogan BR, Yesilyurt ZE, Uyar Boztas C, Karaomerlioglu I, Altan VM, Arioglu-Inan E. Effects of sitagliptin on ß-adrenoceptor mediated relaxation in streptozotocin-diabetic rat aorta*. Turk J Med Sci.* 2021;51(2):864-872.

Erdogan BR, Karaomerlioglu I, Yesilyurt ZE, Ozturk N, Muderrisoglu AE, Michel MC, Arioglu-Inan E. Normalization of organ bath contraction data for tissue specimen size: does one approach fit all? *Naunyn Schmiedebergs Arch Pharmacol*. 2020;393(2):243–251.

Yesilyurt ZE, Erdogan BR, Karaomerlioglu I, Muderrisoglu AE, Michel MC, Arioglu-Inan E. Urinary Bladder Weight and Function in a Rat Model of Mild Hyperglycemia and Its Treatment With Dapagliflozin. *Front Pharmacol.* 2019;10:911.

Makaleler (Ulusal)

Kayki-Mutlu G, Yesilyurt ZE, Erdogan BR, Karaomerlioglu I, Muderrisoglu AE, Arioglu-Inan E, Nuray A. Epigallokateşin gallat (EGCG)’ın normal ve yüksek glukoz ortamında izole sıçan kardiyomiyositleri üzerindeki direct etkileri. *J Fac. Pharm. Ankara.* 2019, 43(1); 72-78.

Kitap Bölümleri

Ozdemir A, Simay-Demir YD, Yesilyurt ZE, Ark M. Senescent cells and SASP in cancer microenvironment: New approaches in cancer therapy. *Adv Protein Chem Struct Biol.* 2023;133:115-158.

Bildiriler

Ozdemir A, Yesilyurt ZE, Simay-Demir YD, Ark M. A Novel Specific Cell Death Morphology for Cardiac Glycosides and MCF7 Cells: Implication of E-Cadherin and Cell-Cell Junctions. ICDS meeting Future of Cell Death in Basic Science and Translational Medicine, 2-4 July 2022, İstanbul, Turkey.

Ozdemir A, Kargioglu E, Yesilyurt ZE, Ark M. Teofilin A549 Hücrelerinde Senesens ile İlişkili Salgı Fenotipini (SASP) Modüle Etmektedir. 10. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, 17-19 Aralık 2021.

Ozbek EN, Yesilyurt ZE, Arioglu-Inan E, Yetik-Anacak G. Empagliflozin induces H2S formation in streptozosin induced diabetic rat brain. 8th European Virtual Congress of Pharmacology (EPHAR 2021), 6-8 Aralık, 2021.

Yesilyurt ZE, Terzi OS, Ozturk G, Toy-Durak A, Tuncay E, Michel MC, Arioglu-Inan E. Effects of empagliflozin and linagliptin on cardiac function in a streptozotocin-induced rat model of type 1 diabetes. Pharmacology 2021, September 7-9, 2021. (Online poster)

Michel MC, Yesilyurt ZE, Ozturk G, Arioglu-Inan E. Empagliflozin and linagliptin do not affect urinary bladder enlargement in a rat model of type 1 diabetes. Pharmacology 2021, September 7-9, 2021. (Online poster)

Yesilyurt ZE, Erturk B, Erdogan BR, Arioglu-Inan E, Michel MC. Effects of the sodium-glucose transporter 2 inhibitor empagliflozin on bladder size, contraction and relaxation in a rat model of type 1 diabetes. International Continence Society 2021, October 14-17, 2021. (Online sözlü sunum)

Michel M, Beltran-Ornelas J, Silva-Velasco D, Yesilyurt ZE, Arioglu-Inan E, Centurion D. Bladder Enlargement Correlates with Plasma Insulin, Not Glucose Levels in Fructose-Fed Rats. Annual Meeting on Experimental Biology, April 4-7, 2020, California, USA. (Online poster)

Yesilyurt ZE, Matthes J, Castañeda TR, Christen U, Arioglu-Inan E, Michel MC. An overview of the relation between blood glucose level and bladder hypertrophy in various diabetes models. Pharmacology 2019, December 15-17, 2019, Edinburgh, UK. (Sözlü sunum)

Erdogan BR, Yesilyurt ZE, Karaomerlioglu I, Muderrisoglu AE, Sevim K, Arioglu-Inan E. Does sacubitril/valsartan have an impact on cardiac function through beta-ARs in HFD+low dose STZ diabetes model? Pharmacology 2019, December 15-17, 2019, Edinburgh, UK. (Poster)

Yeşilyurt ZE, Karaomerlioglu I, Erdogan BR, Ozturk G, Michel MC, Arioglu-Inan E. A pilot study on the cardiac effects of low-dose empagliflozin in STZ-induced diabetic rats. 5th Cardiovascular Outcome Trial (CVOT) Summit 2019, October 24-25, 2019, Munich, Germany. (Poster)

Karaomerlioglu I, Yesilyurt ZE, Erdogan BR, Kayki-Mutlu G, Muderrisoglu AE, Altan VM, Arioglu-Inan E. Changes in β-adrenoceptor mediated responses and protein expression in dapagliflozin treated HFD and low dose STZ diabetic rat heart. 5th Cardiovascular Outcome Trial (CVOT) Summit 2019, October 24-25, 2019, Munich, Germany. (Poster)

Yesilyurt ZE., Erdogan BR., Karaomerlioglu I, Muderrisoglu AE, Michel MC, Arioglu-Inan E. A pilot study of the effect of mild hyperglycemia on urinary bladder relaxation by β-adrenoceptor agonists. Pharmacology 2018, December 18-20, 2018, London, UK. (Sözlü sunum)

Karaomerlioglu I, Erdogan BR, Kayki-Mutlu G, Yesilyurt ZE, Muderrisoglu AE, Ozturk N, Altan VM, Arioglu-Inan E. The effect of dapagliflozin treatment on cardiac parameters in high fat fed and low dose STZ induced diabetic rat. Pharmacology 2018, December 18-20, 2018, London, UK. (Sözlü sunum)

Erdogan BR, Karaomerlioglu I, Yesilyurt ZE, Ozturk N, Muderrisoglu AE, Arioglu-Inan E, Michel MC. Impact of normalization approaches for in vitro organ bath experiments in different rat tissues. Pharmacology 2018, December 18-20, 2018, London, UK. (Sözlü sunum)

Ozturk N, Muderissoglu AE, Karaomerlioglu I, Erdogan BR, Yesilyurt ZE, Arioglu-Inan E. (2018). The effects of dapagliflozin on vascular responses in high fat fed-low dose streptozocin induced diabetes model. Pharmacology 2018, December 18-20, 2018, London, UK. (Poster)

Erdogan BR, Yesilyurt ZE, Karaomerlioglu I, Muderrisoglu AE, Arioglu-Inan E, Michel MC. A comparison of normalization approaches for in vitro contraction experiments of urinary bladder. International Continence Society 2018, August 28-31, 2018, Philadelphia, USA. (Online poster)

Yesilyurt ZE, Erdogan BR, Muderrisoglu AE, Karaomerlioglu I, Michel MC, Arioglu-Inan E. A pilot study of urinary bladder relaxation by β-adrenoceptor agonists in a rat model of type 2 diabetes. 10th Adrenoceptor Symposium, June 28-30, 2018, Shizuoka, Japan. (Sözlü sunum)

Kayki-Mutlu G, Yesilyurt ZE, Erdogan BR, Karaomerlioglu I, Muderrisoglu AE, Ari N. Effects Of Three Different Flavonoids On Cardiac Contractility Under High Glucose Concentrations. 12th International Symposium on Pharmaceutical Sciences (ISOPS 12), June 26-29, 2018, Ankara, Turkey. (Poster)

Arioglu-Inan E, Kayki-Mutlu G, Erdogan BR, Muderrisoglu AE, Karaomerlioglu I, Yesilyurt ZE, Degirmenci S, Turan B, Altan VM. The effects of leptin on cardiac function in streptozotocin diabetic rats. Pharmacology 2017, December 11-13, 2017, London, UK. (Sözlü sunum)

Karaomerlioglu I, Kayki-Mutlu G, Ozturk N, Erdogan BR, Muderrisoglu AE, Yesilyurt ZE, Altan VM, Arioglu-Inan E. The effect of dapagliflozin treatment on beta adrenoceptor-mediated responses in high fat fed diabetic rat heart. 3rd CVOT Summit of the D&CVD EASD Study Group, October 26-27, 2017, Munich, Germany. (Poster)

Uyar Boztas C, Arioglu-Inan E, Muderrisoglu AE, Kayki-Mutlu G, Erdogan BR, Yesilyurt ZE, Karaomerlioglu I, Altan VM. The effects of sitagliptin on beta adrenoceptor-mediated cardiac responses in streptozotocin induced diabetic rats. 3rd CVOT Summit of the D&CVD EASD Study Group, October 26-27, 2017, Munich, Germany. (Poster)

Muderrisoglu AE, Erdogan BR, Yesilyurt ZE, Uyar Boztas C, Karaomerlioglu I, Altan VM, Arioglu-Inan E. The effects of sitagliptin treatment on beta 3 adrenergic receptor mediated relaxation responses in streptozotocin-induced diabetic rat aorta. 10th Diabetes and Cardiovascular Disease (D&CVD) EASD Study Group Annual Meeting, June 22-24, 2017, Milano, Italy. (Poster)

**VII- Bilimsel Etkinlikleri**

Aldığı Burslar

2211-A Genel Yurt İçi Doktora Burs Programı, TÜBİTAK, 2016-2020

Erasmus+ Programı Bursu, Institut für Pharmakologie-Universitätsmedizin Mainz der Johannes Gutenberg-Universität Mainz (01/10/2018 – 31/03/2019)

Projeler

Bursiyer: TÜBİTAK 1001, 119S769, Linagliptin ve Empagliflozin tedavilerinin STZ diabetik sıçan kalbinde olası etkilerinin miRNA’lar üzerinden karşılaştırmalı olarak değerlendirilmesi, Yürütücü: Prof. Dr. Ebru Arıoğlu-İnan, 2019-2022.

Bursiyer: TÜBİTAK 1001, 115S564, Streptozotosin diabetik ratlarda kardiyak beta adrenerjik reseptör yanıtlarında leptinin olası rolü, Yürütücü: Doç. Dr. Ebru Arıoğlu-İnan, 2015-2018.

Araştırmacı: Ankara Üniversitesi BAP-17B0237003, Çeşitli Polifenolik Maddelerin Normal ve Hiperglisemik Koşullarda Izole Rat Kardiyomyositleri Üzerindeki Direkt Kardiyak Etkileri, Yürütücü: Dr. Gı̇zem Kaykı-Mutlu, 2017-2019.

**VIII-Diğer Bilgiler**

Katıldığı Eğitim Seminerleri

Deney Hayvanları Kullanım Sertifikası Eğitim Programı, Ankara Üniversitesi Sürekli Eğitim Merkezi (ANKÜSEM), 2016

True data – how to produce high quality research results

10/03/2020-12/03/2020

Uluslararası Bilimsel Toplantılar

CVOT Summit 2019, 24/10/2019-25/10/2019, Munich, Germany

Pharmacology 2018, 18/12/2018 – 20/12/2018, London/United Kingdom