

# **Prof.Dr. EMEL TİMÜÇİN**

## **Kişisel Bilgiler**

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## **Eğitim Bilgileri**

Bütünleşik Doktora, Sabancı Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Bilimleri Ve Biyomühendislik (Dr), Türkiye  
2007 - 2012

## **Akademik İdari Deneyim**

Etik Kurul Üyesi, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Devam Ediyor

## **Verdiği Dersler**

Biyoistatistik, Yüksek Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Computational completion of the Aurora interaction region of N-Myc in the Aurora a kinase complex**  
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- II. **Effect of the switch status of Helicobacter pylori outer inflammatory protein A on gastric diseases**  
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- III. **Follicular homocysteine as a marker of oocyte quality in PCOS and the role of micronutrients**  
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- IV. **Evaluation of AlphaFold structure-based protein stability prediction on missense variations in cancer**  
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- V. **A small non-interface surface epitope in human IL18 mediates the dynamics and self-assembly of IL18-IL18BP heterodimers**  
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- VI. Identification of Protein Interacting Partners of Na<sup>+</sup>/K<sup>+</sup>-ATPase Pump alpha 1 Subunit by Proteomic and Bioinformatic Analysis in InVitro Hypoxic Cardiomyocytes  
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- VII. Brave new surfactant world revisited by thermoalkalophilic lipases: computational insights into the role of SDS as a substrate analog  
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PHYSICAL CHEMISTRY CHEMICAL PHYSICS, cilt.25, sa.3, ss.2234-2247, 2022 (SCI-Expanded)
- VIII. SERUM ESTROGEN AND PROGESTERONE LEVELS AS PREDICTORS OF OUTCOME IN WOMEN UNDERGOING ARTIFICIALLY PREPARED FROZEN EMBRYO TRANSFER CYCLES  
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- X. Toward Compilation of Balanced Protein Stability Data Sets: Flattening the Delta Delta G Curve through Systematic Enrichment  
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- XVIII. Translation and cross-cultural adaptation of the extended version of the Nordic musculoskeletal questionnaire into Turkish  
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- XIX. Comparative Assessment of Seven Docking Programs on a Nonredundant Metalloprotein Subset of

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- XXI. In silico identification of inhibitors targeting N-Terminal domain of human Replication Protein A.**  
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*Plant physiology and biochemistry : PPB*, cilt.49, ss.346-51, 2011 (SCI-Expanded)

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- I. **Identification of Interaction Partners of *H.pylori* Outer Inflammatory Protein A**  
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- II. **Characterization of actin-binding tail structure and dynamics in metavinculin mutants associated**

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- III. Identification of Protein Interacting Partners of Na+/K+-ATPase Pump alpha 1 Subunit by Proteomic and Bioinformatic Analysis in In Vitro Hypoxic Cardiomyocytes**  
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- IV. SERUM ESTROGEN AND PROGESTERONE LEVELS AS PREDICTORS OF OUTCOME IN WOMEN UNDERGOING ARTIFICIALLY PREPARED FROZEN EMBRYO TRANSFER CYCLES**  
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- V. Molecular Docking and Dynamic studies for H.pylori OipA Possible Interaction Partner on Gastric Epithelial Cells**  
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8 International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 09 Haziran 2022
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- VII. Biochemical and structural characterization of the propeptide of pregnancy-associated plasma protein A and its cellular effects**  
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- VIII. Comparative Assessment of Molecular Docking for the Ligands Closely Interacting with Metals in Metalloproteins**  
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- IX. Magnesium confers stability to the PYL10 PP2C complex at high temperatures Insights from molecular dynamics simulations**  
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- X. Zinc induces self assembly of thermoalkalophilic lipases A strategy for thermostability**  
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- XI. Zinc Induces Self-Assembly Of Bacterial Thermoalkalophilic Lipases: A Strategy For Thermostability**  
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- XV. **Treatment of water polluted with antibiotic resistant bacteria via chlorine and ozone disinfection**  
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- XVIII. **Expression and Cellular Localization of ZIP1 Transporter Under Zinc Deficiency in Wild Emmer Wheat International Durum Wheat Symposium**  
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## Metrikler

Yayın: 58  
Atıf (WoS): 290  
Atıf (Scopus): 314  
H-İndeks (WoS): 9  
H-İndeks (Scopus): 10

## Ödüller

Timuçin E., Best poster award , Cnr , Ocak 2010