

Res. Assist.
Furkan Ozan ÇÖVEN

Education Information

PhD

2018-present
Ege University
Bioengineeriing

Master

2018
Ege University
Bioengineeriing

Bachelor's

2015
Ege University
Bioengineeriing

+90 236 201 2462
furkan.coven@cbu.edu.tr

MANİSA CELAL BAYAR BİYOMÜHENDİSLİK

Research Topics

- Development of vaccine formulation
- *In ovo* antiviral activity
- *In vitro* and *in vivo* studies
- Bioprocessing
- Biotechnology

Collaborations

- Ege University Biengineering Department

Publications

1. Böke Sarıkahya N, Sümer Okkalı G, **Çöven FO**, İşen F, Gören AC, Nalbantsoy A. Chemical characteristics and biological activity screening of *Pistacia lentiscus* mastic gum and leaves from Türkiye. Journal of The Science of Food and Agriculture. 2023. https://doi.org/10.1002/jsfa.13056
2. Yakuboğullari N, **Çöven FO**, Çebi N, Çöven F, Çöven N, Genc R, Bedir E, Nalbantsoy A. Evaluation of adjuvant activity of Astragaloside VII and its combination with different immunostimulating agents in Newcastle Disease vaccine. Biologicals. 2021;70:28–37.. https://doi.org/10.1016/j.biologicals.2021.01.005
3. Böke Sarıkahya N, Sümer Okkalı G, Günay D, Gören AC, **Çöven FO**, Nalbantsoy A. LC-HRMS based approach for identification and quantification analysis of chemical constituents of sea cucumbers from Aegean Sea - their cytotoxic and antiviral potentials. Records of Natural Products. 2022;16(6):592-604. https://doi.org/10.25135/rnp.323.2202.2349

You can access the other publication from here.

Project Experience

1. Comparison of Cytotoxic and Antibacterial Activities of Dmso, Methanol and Water Extracts of Black Carrot (MCBÜ BAP Rapid Support, 2023-2024, Researcher)
2. Development of Inactivated Trivalent Influenza Vaccine Formulation (TÜBİTAK 1001, 2020-2023, Scholar)
3. Development of a New Vaccine Adjuvant Formulation Against IBV for Poultry (TÜBİTAK 1071, 2023-2023, Scholarship)

You can access the other projects from here.