

Asst. Prof. SAMET KOCABAY

Personal Information

Office Phone: [+90 422 377 3000](tel:+904223773000) Extension: 3810

Email: samet.kocabay@inonu.edu.tr

Web: https://www.researchgate.net/profile/Samet_Kocabay

Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik, Turkey 2015 - 2020

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik, Turkey 2012 - 2015

Undergraduate, Cumhuriyet Üniversitesi, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, HPLC ANALİZ YÖNTEMLERİ VE UYGULAMALARI, İNÖNÜ ÜNİVERSİTESİ, 2016

Education Management and Planning, DENEY HAYVANLARI YETİŞTİRME, İNÖNÜ ÜNİVERSİTESİ, 2014

Dissertations

Postgraduate, GAİTA BAKTERİLERİNDEN EKTRASELÜLER AMİLAZ ÜRETİMİ, İZOLASYONU VE KARAKTERİZASYONU, Cumhuriyet Üniversitesi, Moleküler Biyoloji Ve Genetik , Moleküler Biyoloji Ve Genetik , 2015

Research Areas

Life Sciences, Biochemistry, Enzymology, Bioinformatics, Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Microbiology, Molecular Biology and Genetics, Molecular Biology of Cancer, Health Sciences, Natural Sciences

Academic and Administrative Experience

Deputy Head of Department, Inonu University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2021 - Continues

Courses

yok, Undergraduate, 2013-2014

yok, Undergraduate Double Major, 2013-2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Chemical and biological characterization of sulfated chitosan oligomer as heparin mimics**
Kocabay S., Bahar M. R., TEKİN S., AKKAYA R., AKKAYA B.
POLYMERS & POLYMER COMPOSITES, vol.29, no.9_SUPPL, 2021 (SCI-Expanded)
- II. **Probiotic Properties of a Lactobacillus fermentum Isolated from New-born Faeces.**
Kocabay S., Çetinkaya S.
Journal of oleo science, vol.69, pp.1579-1584, 2020 (SCI-Expanded)
- III. **Preparation of sulfatide mimicking oleic acid sulfated chitosan as a potential inhibitor for metastasis**
Kocabay S., AKKAYA B.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.147, pp.792-798, 2020 (SCI-Expanded)
- IV. **Production, purification, and characterization of metalloprotease from Candida kefyr 41 PSB**
Yavuz S., KOCABAY S., ÇETİNKAYA S., AKKAYA B., AKKAYA R., YENİDÜNYA A. F., Bakici M. Z.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.94, pp.106-113, 2017 (SCI-Expanded)
- V. **Characterization of thermostable beta-amylase isozymes from Lactobacillus fermentum**
KOCABAY S., ÇETİNKAYA S., AKKAYA B., YENİDÜNYA A. F.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.93, pp.195-202, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Screening of Probiotic Properties of Bacillus Licheniformis Isolated from Yoghurt**
kocabay s.
Cumhuriyet Science Journal, vol.44, no.1, pp.1-6, 2023 (Peer-Reviewed Journal)
- II. **An investigation of the probiotic properties of Lactobacillus fermentum**
ÇETİNKAYA S., KOCABAY S., YENİDÜNYA A. F.
International Journal of Life Sciences and Biotechnology, vol.3, no.2, pp.180-190, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Screening Of Potential Probiotic Properties Of Lactobacillus helveticus and Lactobacillus plantarum in Low pH**
KOCABAY S., İÇEN TAŞKIN I.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), 19 - 20 March 2020
- II. **Screening Of Potential Probiotic Properties Of Lactobacillus helveticus and Lactobacillus plantarum in Low pH**
KOCABAY S., İÇEN TAŞKIN I.
3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 - 20 March 2020, pp.1
- III. **Predicting and classifying functional sites of proteins using support vector machines**
KOCABAY S., BAKIR H. G., ATALAN E.
3rd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020, pp.532
- IV. **A word-dictionary based algorithm to predict functional sites using perl**
ATALAN E., KOCABAY S., BAKIR H. G.
2nd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2019), 28 - 29 July 2019, no.1
- V. **Organic Solvent Tolerant B-Amylase From Lactobacillus Fermentum**
KOCABAY S., AKKAYA B., YENİDÜNYA A. F., ÇETİNKAYA S.

4th International Türk-Pak Conference Chemical Sciences (ITPCCS 2017), 26 - 28 October 2017

VI. Screening Of Potential Probiotic Properties Of Lactobacillus Fermentum Isolated From Newborn Baby Gaita

KOCABAY S., ÇETİNKAYA S., AKKAYA B., YENİDÜNYA A. F.

8th International Advanced Technologies Symposium, 19 - 21 October 2017

VII. Bentonit Akrilamid Akrilikasit Kompozitine Lizozim Adsorpsiyonu

KOCABAY S., AKKAYA B., AKKAYA R.

16. Ulusal Kromatografi Kongresi, Turkey, 31 August - 02 September 2016

VIII. ORGANIC SOLVENT TOLERANT AMYLASE FROM LACTABACILLUS FERMENTUM

KOCABAY S., ÇETİNKAYA S., AKKAYA B., YENİDÜNYA A. F.

Conference: 11th International Conference on Protein Stabilisation, 9 - 11 May 2016

Supported Projects

İÇEN TAŞKIN I., KOÇ A., KOCABAY S., YOLBAŞ S., Project Supported by Higher Education Institutions, FMF Hastalarında SFK'ların Proinflatuvar Sitokinler ve NLRP3 Regülasyonundaki Rollerinin Araştırılması, 2020 - 2022

ATALAN E., KOCABAY S., BAKIR H. G., Project Supported by Higher Education Institutions, Homo Sapiens Türünde Karakterize Edilmiş Proteinlerden Yararlanarak 20 Kelimelik Prototip Genetik Sözlüğü PERL Programlama Dili Kullanılarak Oluşturulması, 2018 - 2020

Metrics

Publication: 17

Citation (WoS): 19

Citation (Scopus): 11

H-Index (WoS): 3

H-Index (Scopus): 2

Congress and Symposium Activities

4th International Turk-Pak Conference on Chemical Science, Attendee, Konya, Turkey, 2017

International Advanced Technologies Symposium, Attendee, Elazığ, Turkey, 2017