

## Assoc. Prof. SERAP ÇETİNKAYA

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 55682

### Education Information

Doctorate, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2013 - 2018

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik, Turkey 2010 - 2013

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2010

Undergraduate, Vytautas Magnus University, Faculty of Natural Sciences, Lithuania 2009 - 2009

### Certificates, Courses and Trainings

Vocational Training, Protein Araştırmaları ve Proteomik, Kocaeli Üniversitesi, 2021

Health&Medicine, HPLC Analiz Yöntemleri ve Uygulamaları Eğitimi, İnönü Üniversitesi, 2016

Other, Olympus Mikroskopî Semineri, İncekaralar, 2015

Health&Medicine, 4th Applied Cell Culture and Molecular Biology Researches Course, Gazi University Life Sciences Application and Research Center, 2015

Vocational Course, Lisansüstü Öğrencilerine Eğitim Becerilerini Kazandırma Kursu, Sivas Cumhuriyet Üniversitesi, 2014

Vocational Training, Öğretmenlik Sertifikası / Pedagojik Formasyon Eğitimi, Sivas Cumhuriyet Üniversitesi, 2010

### Dissertations

Doctorate, Biyoaktif Molekül Analoglarının Yapımında Kullanılabilir Şeker Esterlerinin Sentezi, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, 2018

### Research Areas

Biochemistry, Biotechnology, Microbiology, Molecular Biology and Genetics, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2022 - Continues

Assistant Professor, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2022 - 2022

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2012 - 2022

## Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2023 - Continues

Deputy Head of Department, Sivas Cumhuriyet University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, 2022 - 2024

## Courses

Tıbbi Genetik , Undergraduate, 2024 - 2025

Laktik Asit Bakteri Biyoteknolojisi, Doctorate, 2023 - 2024

Biyolojik Aktivite Gösteren Doğal Ürünler, Postgraduate, 2023 - 2024

Moleküler Mikrobiyoloji Laboratuvarı, Undergraduate, 2022 - 2023

Biyokimya Laboratuvarı II, Undergraduate, 2021 - 2022

Moleküler Mikrobiyoloji Laboratuvarı, Undergraduate, 2021 - 2022

Maya Biyoteknolojisi, Postgraduate, 2022 - 2023

Moleküler Biyoloji ve Genetiğe Giriş II, Undergraduate, 2021 - 2022

Basic Immunology, Undergraduate, 2021 - 2022

Biyokimya Laboratuvarı I, Undergraduate, 2021 - 2022

Basic Immunology, Undergraduate, 2019 - 2020

Protein Saflaştırma Teknikleri, Undergraduate, 2019 - 2020

## Advising Theses

Çetinkaya S., Çevresel Bacillus izolatlarından lakkaz enziminin üretimi ve karakterizasyonu, Postgraduate, M.SAFA(Student), 2024

Çetinkaya S., Gezegen H., Mikrobiyal Pektinazın Kitosan Bazlı Destek Materyaline İmmobilizasyonu, Postgraduate, A.BAŞ(Student), 2023

Çetinkaya S., Yenidünya A. F., Actinobacteria üyelerinden pigment üretimi, kültür optimizasyonu ve pigment izolasyonu, Postgraduate, D.ARSLAN(Student), 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. Biosorption of dye crystal violet on Tragopogon sp. leaf powder: Equilibrium, kinetics, thermodynamics, and DFT calculations**  
Eyupoglu V., Aksu A., Çetinkaya H. F., ÇETİNTAŞ H. İ., ÇETİNKAYA S., TÜZÜN B.  
Journal of Molecular Liquids, vol.398, 2024 (SCI-Expanded)
- II. Removal of lead ions (Pb<sup>2+</sup>) from aqueous solution using chitosan/starch composite material: Experimental and density functional theory findings**  
Çelik M. S., ÇAYLAK O., KÜTÜK N., YENİDÜNYA A. F., ÇETİNKAYA S., Maslov M. M., BATIR G. G.  
Biomass Conversion and Biorefinery, 2024 (SCI-Expanded)
- III. Immobilization of pectinase on chitosan-alginate-clay composite beads: Experimental, DFT and molecular docking studies**  
Aksu A., Çetinkaya S., Fazıl Yenidünya A. F., Akkuş Çetinus Ş., Gezegen H., Tüzün B.  
Journal of Molecular Liquids, vol.390, 2023 (SCI-Expanded)
- IV. Equilibrium and DFT modeling studies for the biosorption of Safranin O dye from water samples using Bacillus subtilis biosorbent**  
ÇETİNKAYA S., KAYA S., Aksu A., ÇETİNTAŞ H. İ., Jalbani N. S., ERKAN S., Marzouki R.

Journal of Molecular Structure, vol.1276, 2023 (SCI-Expanded)

- V. **Recycling of Labada (Rumex) biowaste as a value-added biosorbent for rhodamine B (Rd-B) wastewater treatment: biosorption study with experimental design optimisation**  
Senol Z. M., Çetinkaya S., Arslanoğlu H.  
BIOMASS CONVERSION AND BIOREFINERY, vol.13, no.3, pp.2413-2425, 2023 (SCI-Expanded)
- VI. **Biosorption of Rhodamine B dye from aqueous solution by Rhus coriaria L. plant: Equilibrium, kinetic, thermodynamic and DFT calculations**  
Çelik M. S., Çetinus Ş., Yenidünya A. F., Çetinkaya S., Tüzün B.  
Journal of Molecular Structure, vol.1272, 2023 (SCI-Expanded)
- VII. **Biosorption of lead ions (Pb<sup>2+</sup>) from water samples using dried Lemna minor biomass: experimental and density functional theory studies**  
KAYA S., ÇETİNKAYA S., Jalbani N. S., YENİDÜNYA A. F., KÜTÜK N., KASAKA E., Maslov M. M.  
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- VIII. **Removal of Erythrosine B dye from wastewater by Penicillium italicum: experimental, DFT, and molecular docking studies**  
ÇETİNKAYA S., Eyupoglu V., ÇETİNTAŞ H. İ., YENİDÜNYA A. F., KEBABCI Ö., TÜZÜN B.  
Journal of Biomolecular Structure and Dynamics, vol.41, no.23, pp.14212-14223, 2023 (SCI-Expanded)
- IX. **Removal of safranin O from wastewater using Streptomyces griseobrunneus dead biomass and in silico calculations**  
Çelik M. S., KÜTÜK N., YENİDÜNYA A. F., ÇETİNKAYA S., TÜZÜN B.  
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- X. **Tromethamine and dodecanol appear to be the major secondary metabolites of Streptomyces decoyicus M\***  
Çelik M. S., Aksu A., YENİDÜNYA A. F., ÇETİNKAYA S.  
ARCHIVES OF MICROBIOLOGY, vol.204, no.8, 2022 (SCI-Expanded)
- XI. **Epichlorohydrin and tripolyphosphate-crosslinked chitosan-kaolin composite for Auramine O dye removal from aqueous solutions: Experimental study and DFT calculations**  
HASDEMİR Z. M., ÇETİNKAYA S., YENİDÜNYA A. F., Başoğlu-Ünal F., Ece A.  
International Journal of Biological Macromolecules, vol.199, pp.318-330, 2022 (SCI-Expanded)
- XII. **Novel imidazo[2,1-b]thiazole-based anticancer agents as potential focal adhesion kinase inhibitors: Synthesis, in silico and in vitro evaluation**  
Basoglu F., Ulusoy-Guzeldemirci N., AKALIN ÇİFTÇİ G., ÇETİNKAYA S., Ece A.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.98, no.2, pp.270-282, 2021 (SCI-Expanded)
- XIII. **A Novel Isolate (S15) of Streptomyces griseobrunneus Produces 1-Dodecanol**  
ÇETİNKAYA S.  
CURRENT MICROBIOLOGY, vol.78, no.1, pp.144-149, 2021 (SCI-Expanded)
- XIV. **Probiotic Properties of a Lactobacillus fermentum Isolated from New-born Faeces**  
Kocabay S., Çetinkaya S.  
Journal Of Oleo Science, vol.69, no.12, pp.1579-1584, 2020 (SCI-Expanded)
- XV. **Esterification of Fructose-oleic Acid by tert-Butanol/Dimethyl Sulfoxide and by 2-Methyl-2-butanol/Dimethyl Sulfoxide.**  
ÇETİNKAYA S., YENİDÜNYA A. F., Basoglu F., Polat Z., Savas S.  
Journal of oleo science, vol.69, no.10, pp.1281-1285, 2020 (SCI-Expanded)
- XVI. **Synthesis of Ribose - Oleic Acid Esters in the Presence- and Absence of Candida antarctica Lipase B**  
Çetinkaya S., Yenidünya A. F., Başoğlu F., Saraç K.  
Journal Of Oleo Science, vol.69, no.8, pp.907-912, 2020 (SCI-Expanded)
- XVII. **D-Glucose-fatty Acid Ester Synthesis with or without a Biocatalyst in the Same Organic Media**  
ÇETİNKAYA S., YENİDÜNYA A. F., Basoglu F., Sarac K.  
JOURNAL OF OLEO SCIENCE, vol.69, no.7, pp.737-742, 2020 (SCI-Expanded)
- XVIII. **Molecular Typing of Different Salmonella Serotypes by Multiple-Locus Analysis of Tandem Repeats**  
SAVAŞ S., ÇETİNKAYA S.

- Journal Of Oleo Science, vol.69, pp.1585-1589, 2020 (SCI-Expanded)
- XIX. **Secondary Metabolites of an of Streptomyces griseorubens Isolate Are Predominantly Pyrrole- and Linoleic-acid like Compounds**  
Çetinkaya S., Yenidünya A. F., Arslan K., Arslan D., Doğan Ö., Daştan T.  
JOURNAL OF OLEO SCIENCE, vol.69, no.10, pp.1273-1280, 2020 (SCI-Expanded)
- XX. **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)
- XXI. **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)
- XXII. **Selective and single step adsorption of  $\alpha$ -lactalbumin from whole cow's milk on hydroxyapatite microbeads**  
ÇETİNKAYA S., AKKAYA B.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.68, pp.573-578, 2016 (SCI-Expanded)
- XXIII. **Metal Concentrations of Wild Edible Mushrooms from Turkey**  
Sarıkurkcü C., TEPE B., SOLAK M. H., ÇETİNKAYA S.  
ECOLOGY OF FOOD AND NUTRITION, vol.51, no.4, pp.346-363, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Purification and characterization of 1-dodecanol from an isolate of Streptomyces viridodiastaticus**  
ÇETİNKAYA S., YENİDÜNYA A. F., AKSU A., ÇELİK M. S.  
Biocatalysis and Agricultural Biotechnology, vol.34, 2021 (ESCI)
- II. **An Isolate of Bacillus clausii Appears to Possess Four Distinct Pectinolytic Activities**  
BERBER S., ÇETİNKAYA S.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, 2021 (Peer-Reviewed Journal)
- III. **Fractionation, dosage and rating of the antioxidant activity of the aqueous extract of Melissa Officinalis from northeastern Morocco**  
El Ouadi Y., Bouyanzer A., Çetinkaya S., Bendaif H.  
MOROCCAN JOURNAL OF CHEMISTRY, vol.9, no.1, 2021 (Scopus)
- IV. **Benzoat esteri içeren kumarin yapılı bileşiğin deneysel ve kuantum kimyasal hesaplamaları**  
Saraç K., Çetinkaya S.  
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.4, pp.1587-1595, 2020 (Peer-Reviewed Journal)
- V. **Modification by natural sources to reduce immuno-reactivity of milk proteins**  
AKKAYA R., AKKAYA B., ÇETİNKAYA S.  
Cumhuriyet Science Journal, vol.41, no.1, pp.235-238, 2020 (Peer-Reviewed Journal)
- VI. **Modification by natural sources to reduce immuno-reactivity of milk proteins**  
AKKAYA R., AKKAYA B., ÇETİNKAYA S.  
CUMHURİYET SCIENCE JOURNAL, vol.41, no.1, pp.235-238, 2020 (Peer-Reviewed Journal)
- VII. **Effects of Detergents, Ions, and Organic Solvents on the Activity of Four Bacillus clausii Pectinases**  
SEVİNÇ B., ÇETİNKAYA S.  
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.16, no.4, pp.387-392, 2020 (Peer-Reviewed Journal)
- VIII. **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)
- IX. **Evaluation of In Vitro Anticancer Effect of Plantago major L and Plantago lanceolata L Leaf Extracts from Sivas**  
DURNA DAŞTAN S., DAŞTAN T., ÇETİNKAYA S., ATEŞŞAHİN D., KARAN T.

## Books & Book Chapters

- I. **Deep Learning and Machine Learning and Their Application on Computational Chemistry.**  
Çetinkaya H. F., Yenidünya A. F., Çetinkaya S., Tüzün B.  
in: Emerging Engineering Technologies and Industrial Applications, Younes El Kacimi, Khaoula Alaoui, Editor, IGI Global yayınevi, Tanjah, pp.21-35, 2024
- II. **Anticancer Activity of Medicinal Plants Extract and Molecular Docking Studies**  
Çetinkaya S., Tüzün B.  
in: Applied Computer-Aided Drug Design: Models and Methods,, Igor José dos Santos Nascimento, Editor, Bentham Science, Maceio, pp.136-158, 2023
- III. **Quantitative Structure-activity relationship (QSAR) in studying the biologically active molecules**  
Çetinkaya S., Tüzün B., Sarıpmar E.  
in: Applied Computer-Aided Drug Design: Models and Methods, Igor José dos Santos Nascimento, Editor, Bentham Science, Maceio, pp.33-56, 2023
- IV. **The Potential of Medicinal and Aromatic Plants to Prevent Prostate Cancer**  
ÇETİNKAYA S., TÜZÜN B.  
in: Horizons in Cancer Research, Watanabe Hiroto S., Editor, Nova Science Publishers, New York, pp.117-142, 2023
- V. **Polymeric nanoparticles and their composites in corrosion inhibition**  
ÇELİK M. S., ÇETİNKAYA H. F., ÇETİNKAYA S., TÜZÜN G., TÜZÜN B.  
in: Corrosion Prevention Nanoscience: Nanoengineering Materials and Technologies, Turhlievich Berdimurodov Elyor, Verma Chandrabhan, Editor, Walter de Gruyter GmbH, pp.135-145, 2023
- VI. **MXenes and their composites as corrosion prevention**  
AKSU A., ÇETİNKAYA H. F., ÇETİNKAYA S., TÜZÜN G., TÜZÜN B.  
in: Corrosion Prevention Nanoscience: Nanoengineering Materials and Technologies, Turhlievich Berdimurodov Elyor, Verma Chandrabhan, Editor, Walter de Gruyter GmbH, pp.53-65, 2023
- VII. **Omicron: Emergence, Detection, and Response**  
ÇETİNKAYA S., ÖZBİLÜM ŞAHİN N., YENİDÜNYA A. F., TÜZÜN B.  
in: Advances in Health and Disease, Duncan, Lowell T., Editor, Nova Science Publishers, New York, pp.161-197, 2023
- VIII. **BIOLOGY OF NATURAL AND SYNTHETIC LANTIBIOTICS AND THEIR CURRENT APPLICATION STATUS**  
YENİDÜNYA A. F., ÇETİNKAYA S.  
in: DEPTHS OF SCIENCE, YÜCEL, Cenk, Editor, iksad publishing house, Ankara, pp.91-121, 2022
- IX. **GENETIC INTERPLAY BETWEEN THE DAIRY STREPTOCOCCUS THERMOPHILUS AND ITS PHAGES**  
ÇETİNKAYA S., YENİDÜNYA A. F.  
in: RECENT ADVANCES IN BIOLOGICAL SCIENCES, KÜLAHCI Meryem Burcu, Editor, İksad, Ankara, pp.35-61, 2021
- X. **Biotransformations in Organic Chemistry**  
Çetinkaya S. (Editor)  
Eđitim Yayınevi, Konya, 2020
- XI. **Organik Kimyada Biyotransformasyonlar**  
YENİDÜNYA A. F., BOZTUĐ A., ÇETİNKAYA S., ÖZKAYNAK Ö.  
Eđitim Yayınevi, Konya, 2020
- XII. **Karsinogenez ve Kanserin Moleküler Temeli Sinyal İletimi - Molecular Bases of Carcinogenesis and Canser Signal Transmission**  
ÇETİNKAYA S., ÖZBİLÜM ŞAHİN N.  
in: Her Yönüyle Kanser, Prof. Dr. Hilmi Ataseven, Doç. Dr. Koray Sayın, Editor, Sivas Cumhuriyet Üniversitesi Rektörlük Matbaası, Sivas, pp.157-179, 2020
- XIII. **Structure and Function of Proton Pumps**  
ÇETİNKAYA S., YENİDÜNYA A. F.

- in: Current Studies at Positive Sciences, Mehriban Emek, İlhan Şahin, Editor, Iksad Publications, pp.284-307, 2020
- XIV. **AN INTRODUCTION TO THE STRUCTURAL AND FUNCTIONAL METHODOLOGY FOR FRAGMENT tRNA MOLECULES**  
ÇETİNKAYA S.  
in: Current Researches in Science and Mathematics Sciences, Canan Demir, Editor, IVPE Yayınevi, pp.40-58, 2020
- XV. **Sınırsız replikasyon Potansiyeli - Unlimited Replication Potential**  
ÖZBİLÜM ŞAHİN N., ÇETİNKAYA S.  
in: Her Yönüyle Kanser, Prof. Dr. Hilmi Ataseven, Doç. Dr. Koray Sayın, Editor, Sivas Cumhuriyet Üniversitesi Rektörlük Matbaası, Sivas, pp.201-207, 2020

## Refereed Congress / Symposium Publications in Proceedings

- I. **Breast cancer Properties of Extract of Artemisia absinthium**  
ÇETİNKAYA S., TÜZÜN B.  
3 rd International Conference on Scientific and Academic Research, Konya, Turkey, 25 - 26 December 2023
- II. **Breast cancer Properties of Extract of Ceratonia siliqua**  
ÇETİNKAYA S., TÜZÜN B.  
3 rd International Conference on Scientific and Academic Research, Konya, Turkey, 25 - 26 December 2023
- III. **ISOLATION OF LACTIC ACID BACTERIA WITH BACTERIOCIN ACTIVITY AND PRODUCTION OF DIFFERENT BACTERIOCINS**  
Abbaszade N., ÜNAL K., AKSU A., ÇETİNKAYA S.  
2nd International Karatekin Science and Technology Conference, Çankırı, Turkey, 21 - 22 December 2023
- IV. **ISOLATION OF TRADITIONAL KEFIR YEASTS AND INVESTIGATION OF PROBIOTIC PROPERTIES**  
KAYA N., Dere T., YENİDÜNYA A. F., ÇETİNKAYA S.  
2nd International Karatekin Science and Technology Conference, Çankırı, Turkey, 21 December 2023
- V. **Antioxidant Properties of Lycium barbarum Extracts**  
ÇETİNKAYA S., TÜZÜN B.  
PROCEEDINGS OF IKSTC 2023 - 2ND INTERNATIONAL KARATEKİN SCIENCE AND TECHNOLOGY CONFERENCE, Çankırı, Turkey, 21 - 22 December 2023
- VI. **IMMOBILIZATION OF PROBIOTIC BACTERIA INTO BIOCOMPATIBLE SUPPORT MATERIALS**  
YERSEL B. N., ÇELİK M. S., ÇETİNTAŞ H. İ., ÇETİNKAYA S.  
2nd International Karatekin Science and Technology Conference, Çankırı, Turkey, 21 - 22 December 2023
- VII. **Immobilization of Microbial Pectinase to Chitosan-Based Composite: Experimental, DFT, and Molecular Docking Studies**  
AKSU A., ÇETİNKAYA S., YENİDÜNYA A. F., ÇETİNUS Ş., GEZEĞEN H., TÜZÜN B.  
2nd International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 04 April 2023
- VIII. **Breast cancer Properties of Extract of Rosa damascena Plant**  
ÇETİNKAYA S., TÜZÜN B.  
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 December 2022
- IX. **Breast cancer Properties of Extract of Viscum album Plant**  
ÇETİNKAYA S., TÜZÜN B.  
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 December 2022
- X. **Prostate cancer Properties of Extract of Olea europaea Plant**  
ÇETİNKAYA S., TÜZÜN B.  
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 December 2022
- XI. **Colon cancer Properties of Extract of Saffron (Crocus sativus L.) Plant**  
ÇETİNKAYA S., TÜZÜN B.  
1st International Conference on Engineering, Natural and Social Sciences, Konya, Turkey, 20 December 2022
- XII. **A Modelling Study on the Binding of Three Different Bile Salts to the Active Site of Bacterial Bile Salt Hydrolase**

Çetinkaya S.

9. ULUSAL MOLEKÜLER BİYOLOJİ ve BİYOTEKNOLOJİ KONGRESİ, 18 - 20 December 2020

**XIII. Synthesis of tRNA-fatty acid esters**

ARSLAN D., ÇETİNKAYA S.

9th International Molecular Biology and Biotechnology Congress, Kars, Turkey, 6 - 10 December 2020

**XIV. Purification of some of the predominant bacterial pigment molecules by SDS-PAGE**

ÇETİNKAYA S.

International Congress on Medical Sciences and Biotechnology, 1 - 03 October 2020

**XV. Determination of the Molecular Structures of the Dominant Pigment Substances Produced by Isolate S19 of Streptomyces albogriseolus**

ÇETİNKAYA S.

32. Ulusal Kimya Kongresi, Eskişehir, Turkey, 17 - 19 September 2020

**XVI. Production and partial characterization of four different pectinases from a Bacillus clausii isolate**

Arslan K., Sevinç S., ÇETİNKAYA S., Savaş S., YENİDÜNYA A. F.

1. uluslararası sağlık bilimleri ve biyoteknoloji kongresi, 14 - 16 October 2019

**XVII. DMSO and tert-butanol is able to esterify monosaccharides and fatty acids**

ÇETİNKAYA S., YENİDÜNYA A. F., BAŞOĞLU F., SARAÇ K.

1. uluslararası sağlık bilimleri ve biyoteknoloji kongresi, 14 - 16 October 2019

**XVIII. A Molecular Modelling Study on the Antitumor Potential of Riboflavin-Fatty Acid Esters**

AKSU A., ÇETİNKAYA S., BAŞOĞLU F.

1. ULUSLARARASI KANSER GÜNLERİ, 19 - 21 September 2019

**XIX. Determination of Antitumor Activity of Secondary Metabolite Extracts From Bacillus clausii**

Kayan D., Berber S., Özkaynak Ö., ÇETİNKAYA S.

1. ULUSLARARASI KANSER GÜNLERİ, 19 - 21 September 2019

**XX. Oncogene and Tumour Suppressor Genes**

ÇETİNKAYA S.

1. ULUSLARARASI KANSER GÜNLERİ, 19 - 21 September 2019

**XXI. INVESTIGATION OF ANTI-CARCINOGENIC ACTIVITIES OF STREPTOMYCES ISOLATES**

DURNA DAŞTAN S., ÇETİNKAYA S., DAŞTAN T., TARHAN Ö., ARSLAN K., ARSLAN D., YENİDÜNYA A. F.

1ST CANCER DAYS, Sivas, Turkey, 18 - 20 September 2019

**XXII. 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

**XXIII. Sivas İli Plantago major ve Plantago lanceolata Bitki Yapraklarının In Vitro Antikanser Aktivitelerinin Değerlendirilmesi**

DAŞTAN T., PEKTAŞ A. N., DURNA DAŞTAN S., ÇETİNKAYA S., ATEŞŞAHİN D., KARAN T., BARAL İ.

II. INTERNATIONAL ACEDMIC RESEARCH CONGRESS, 18 - 21 October 2017

**XXIV. 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

**XXV. BENTONİT-AKRİLAMİD-MALEİKASİT KOMPOZİTİNE LİZOZİM ADSORPSİYONU**

ÇETİNKAYA S., AKKAYA B., AKKAYA R.

16. KROMATOĞRAFI KONGRESİ, Turkey, 31 August - 03 September 2016

## Supported Projects

Çetinkaya S., Kılıç İ. M., Kara B., TUBITAK Project, Streptomyces İzolatından Pigment ve Antimikrobiyal Aktivite Gösteren Sekonder Metabolit Üretimi ve Yapı Analizi, 2023 - 2024

Çetinkaya S., Mete M. E., Erfirat M., TUBITAK Project, Artizanal kefir örneklerinde maya izolasyonu, tanımlanması, ve

probiyotik özelliklerinin araştırılması, 2023 - 2024

Çetinkaya S., Kandemir F., Akgül A. H., TÜBİTAK Project, Anne Sütünde Laktik Asit Bakteri Varlığının Araştırılması, 2022 - 2023

Çetinkaya S., Yersel B. N., Karakaya Ş., TÜBİTAK Project, Probiyotik Bakterilerin Biyo-Uyumlu Destek Malzemelerine İmmobilizasyonu, 2022 - 2023

Çetinkaya S., Çelik M. S., Project Supported by Higher Education Institutions, Çevre Bacillus İzolatlarından Lakkaz Enziminin Üretimi ve Karakterizasyonu, 2022 - 2023

Çetinkaya S., Yenidünya A. F., Aksu A., Project Supported by Higher Education Institutions, Mikrobiyal Pektinazın Kitosan Bazlı Destek Malzemelerine İmmobilizasyonu, 2022 - 2023

Çetinkaya S., Çelik M. S., Kaya N., Karahan S., Project Supported by Higher Education Institutions, Geleneksel Kefir Mayalarının İzolasyonu ve Probiyotik Özelliklerinin Araştırılması, 2022 - 2023

Çetinkaya S., Aksu A., Ünal K., Yersel B. N., Project Supported by Higher Education Institutions, Bakteriyosin Aktivitesi Gösteren Laktik Asit Bakterilerinin İzolasyonu ve Farklı Bakteriyosinlerin Üretimi, 2022 - 2023

Çetinkaya S., Yenidünya A. F., Arslan D., Project Supported by Higher Education Institutions, Actinobacteria Üyelerinden Pigment Üretimi, Kültür Optimizasyonu ve Pigment İzolasyonu, 2020 - 2022

Çetinkaya S., Yenidünya A. F., Akın Polat Z., Saraç K., Başoğlu F., Durna Daştan S., Project Supported by Higher Education Institutions, Synthesis of transfer RNA-fatty acid esters and testing of biologically active molecular potentials on pathogenic Acanthamoeba and Trichomonas species., 2019 - 2021

Çetinkaya S., Yenidünya A. F., Savaş S., Berber S., Arslan K., Project Supported by Higher Education Institutions, Toprak Örneklerinden Bacillus clausi Suşlarının İzolasyonu, Genotipik ve Fenotipik Karakterizasyonu, 2018 - 2020

Çetinkaya S., Yenidünya A. F., Kocabay S., Başoğlu F., Berber S., Project Supported by Higher Education Institutions, Lactobacillus fermentumun Probiyotik Özelliklerinin Araştırılması, 2016 - 2018

Çetinkaya S., Yenidünya A. F., Project Supported by Higher Education Institutions, Biyoaktif Molekül Analoglarının Yapımında Kullanılabilir Şeker Esterlerinin Sentezi, 2016 - 2018

Çetinkaya S., Yenidünya A. F., Project Supported by Higher Education Institutions, Fekal örneklerden Proteaz Üreten İzolatların Genotipik ve Fenotipik Karakterizasyonu, 2014 - 2015

Çetinkaya S., Yenidünya A. F., Project Supported by Higher Education Institutions, Bazı Bitkisel Fenolik Asitlerin In Vitro Aktioksidan Aktivitelerinin İncelenmesi, 2014 - 2015

## Metrics

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