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7TH INTERNATIONAL CONFERENCE
ON FOOD, AGRICULTURE AND ANIMAL SCIENCES
13-16 NOVEMBER 2025
ANTALYA, TÜRKİYE
(FACE TO FACE AND ONLINE)

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NOVEMBER 13-16, 2025

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19.12.2025
REF: *Akademik Teşvik*

İlgili makama;

7th International Conference on Food, Agriculture and Animal Sciences (ICOFAAS 2025) kongresi 13-16 Kasım 2025 tarihleri arasında hibrit olarak IC Hotels Santai Family Resort Antalya'da 27 farklı ülkenin (Türkiye:55, Diğer Ülkelerden:113) akademisyen / araştırmacılarının katılımıyla gerçekleştirilmiştir. Kongre 16 Ocak 2020 Akademik Teşvik Ödeneği Yönetmeliğine getirilen "Tebliğlerin sunulduğu yurt içinde veya yurt dışındaki etkinliğin uluslararası olarak nitelendirilmesi için Türkiye dışından en az beş farklı ülkeden sözlü tebliğ sunan konuşmacının katılım sağlaması ve tebliğlerin yarıdan fazlasının Türkiye dışından katılımcılar tarafından sunulması esastır." değişikliğine uygun düzenlenmiştir.

Bilgilerinize arz edilir,

Saygılarımla

Prof. Dr. Kağan KÖKTEN
ICOFAAS 2025 Başkanı

7TH INTERNATIONAL CONFERENCE ON FOOD, AGRICULTURE AND ANIMAL SCIENCES (ICOFAAS 2025)
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To the relevant authority;

The 7th International Conference on Food, Agriculture and Animal Sciences (ICOFAAS 2025) was held in a hybrid format between 13–16 November 2025 at IC Hotels Santai Family Resort, Antalya, with the participation of academic staff and researchers from 27 different countries (Türkiye: 55, other countries: 113). The conference was organized in compliance with the amendment introduced by the Academic Incentive Allowance Regulation dated 16 January 2020, which states that "for an event held domestically or abroad where papers are presented to be qualified as international, it is essential that speakers presenting oral papers from at least five different countries outside Türkiye participate, and that more than half of the papers are presented by participants from outside Türkiye.

Respectfully submitted for your information,

Sincerely

Prof. Dr. Kağan KÖKTEN
Chair of ICOFAAS 2025

Dear Conference Participants,

Welcome to 7th International Conference on Food, Agriculture and Animal Sciences.

On behalf of the Organizing Committee, I am very happy to open 7th International Conference on Food, Agriculture and Animal Sciences. I believe that this event, which is the fruit of an intensive and devoted teamwork, will have an invaluable contribution to the scientific world. At the end of busy schedule of nearly one year, we have now achieved to organize this conference.

The conference will be held as a hybrid system, with both online and face to face participation. The conference is going to be held with bigbluebutton platform for online participants. All presentations will be virtual presentation. We, organizing committee members, wish you all good health and high spirits.

The aim of the International Conference on Food, Agriculture and Animal Sciences is to bring together experts and young researchers from all over the world working in Food, Agriculture and Animal Sciences to present their researches, exchange new ideas, discuss challenging issues, foster future collaborations and interact with each other. In this sense, we are happy to bring together world mathematicians and exchange information with them.

The main objective of our conference is to discuss recent results in Food, Agriculture and Animal Sciences and applications and their relationship with other disciplines. We expect the participation of many prominent researchers from different countries who will present high quality papers. The conference brings together about over 168 participants from 27 countries (Algeria, Azerbaijan, Bangladesh, Bulgaria, China, Egypt, France, Georgia, Germany, Greece, Iran, Kosovo, Kyrgyzstan, Latvia, Libya, Lithuania, Malaysia, Moldova, Morocco, Pakistan, Philippines, Russia, Saudi Arabia, Spain, Türkiye, Ukraine, United States). Including seven keynote talks, a total of 196 papers—comprising 170 oral presentations and 26 poster presentations contribute to the hybrid (online and face to face) meeting.

It is also a purpose of the conference to promote collaborative and networking opportunities among senior scholars and graduate students in order to advance new perspectives. The papers presented in this conference will be considered in the journals listed on the conference websites.

I'd like to express my gratitude to all our authors, members of scientific committee, keynote speakers and contributing reviewers. I believe we will see the best papers of scholars in this event. My sincere thanks go to Prof. Dr. Mehmet KUL, the rector of Sivas University of Science and Technology, and Prof. Dr. Ahmet HACIMÜFTÜOĞLU, the rector of Atatürk University, sets the goal of being also a top-ranking university in scientific sense, for supporting and motivating us in every respect. Special thanks are also due to the organizing committee members, for completing all preparations that are necessary to organize this conference. I express my gratitude to the members of technical committee of the conference for the design and proofreading of the articles.

We wish everyone a fruitful conference and pleasant memories in our online event.

Thank you.

Prof. Dr. Kağan KÖKTEN
Chair of ICAFOAS 2025

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Abstract Paper

The Effect of Green Synthesis Selenium Nanoparticles on DNA Damage: In Vitro Analysis Using the Comet Assay**

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Abstract

Nanoparticles, also known as nanotechnology products, are particulate materials with at least one dimension in the range of 1-100 nm. Thanks to their superior physicochemical properties, they have a wide range of applications, including in cancer treatment and medical diagnosis. This widespread use has made human exposure to nanoparticles inevitable. The current literature clearly demonstrates that nanoparticles can cause genotoxic effects in different model organisms and test systems. In this context, current research has focused on reducing nanoparticle toxicity by modifying the nanoparticle structure or altering the production processes. Due to their biocompatibility, selenium nanoparticles are currently being considered as a material for targeted drug delivery, antibacterial applications, and the detection of heavy metals. Scientists believe that selenium nanoparticles produced through industrial processes compromise their therapeutic effects. Within the scope of our research, the genotoxic potential of biogenic selenium nanoparticles (BiSeNP) obtained from P. kudriavzevii JD2 postbiotics, synthesized using a green method, was evaluated on human peripheral blood lymphocyte cells using the alkaline single-cell gel electrophoresis test (COMET). Examination of the data obtained from the COMET method, in terms of tail intensity and tail moment parameters, revealed that exposure to BiSeNPs did not have a genotoxic potential on lymphocyte cells, as determined by statistical analyses. In this context, the production of nanoparticles via green synthesis is considered a promising option for reducing their toxic potential. Further in vivo and in vitro studies are crucial for evaluating the reliability of green-synthesized nanoparticles and for better understanding the toxicity of BiSeNPs.

Keywords: COMET assay, Genotoxicity, Green-synthesized, Selenium nanoparticles

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We would like to thank you for your contributions as a participant with oral presentation entitled «***The Effect of Green Synthesis Selenium Nanoparticles on DNA Damage: In Vitro Analysis Using the Comet Assay***» to the 7TH International Conference on Food, Agriculture and Animal Sciences held in **13-16 NOVEMBER 2025**, Antalya/TÜRKİYE

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