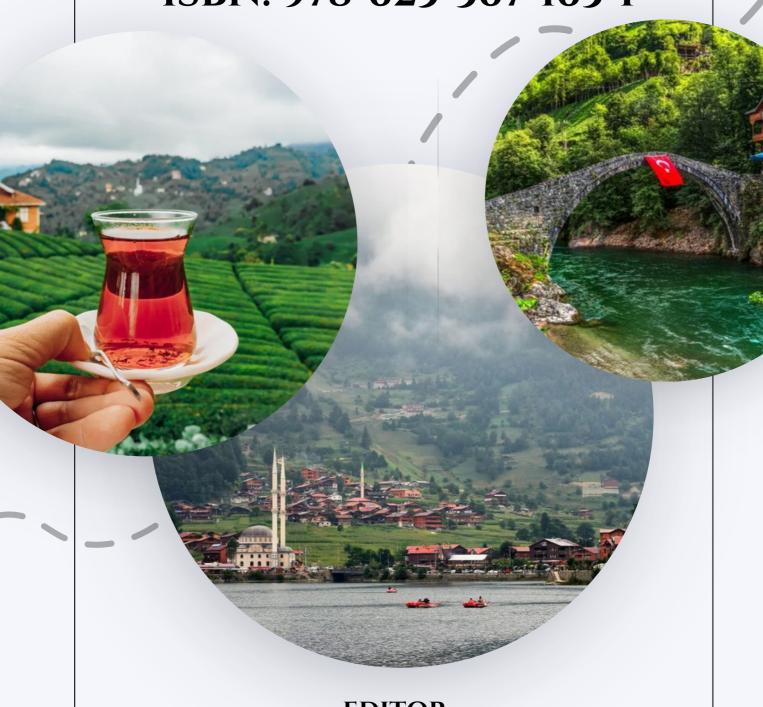
# 4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS

June 6-7, 2023 / Rize, Turkiye

ISBN: 978-625-367-163-1



EDITOR ASSOC. PROF. Dr. ETHEM İLHAN ŞAHİN

ABSTRACTS BOOK

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June 6-7, 2023 / Rize, Turkiye

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Assoc. Prof. Dr. Ethem İlhan ŞAHİN

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IKSAD Publications - 2023©

Issued: 30.06.2023

ISBN - 978-625-367-163-1

### **CONGRESS ID**

#### **CONGRESS TITLE**

4TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS

#### DATE AND PLACE

June 6-7, 2023 / Rize, Turkiye

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Dr. Ethem İlhan ŞAHİN

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**Total Accepted Article: 565** 

**Total Rejected Papers: 86** 

Accepted Article (Türkiye): 263

**Accepted Article (Other Countries): 302** 

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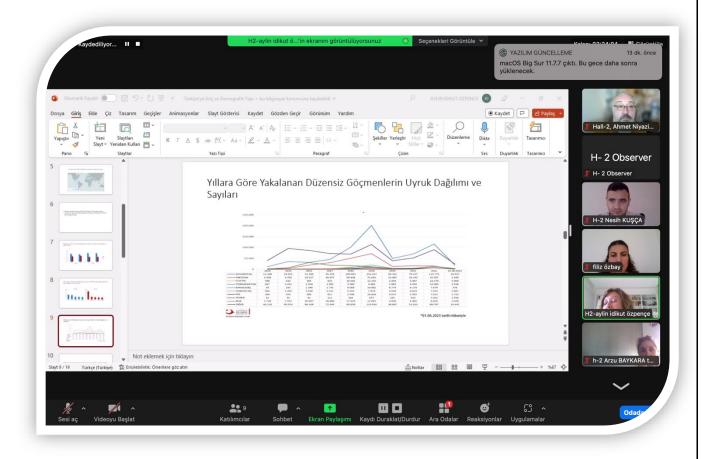
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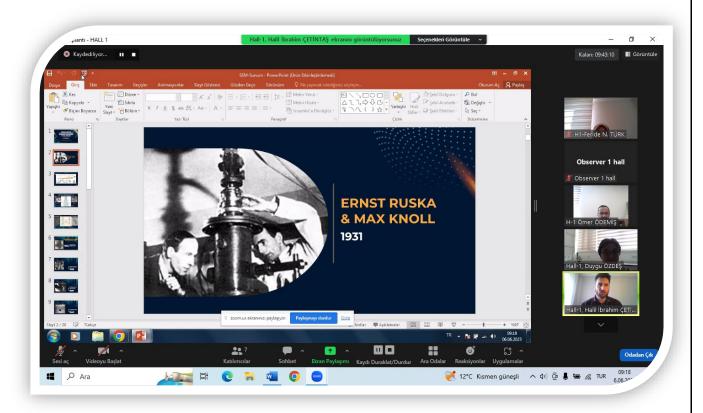


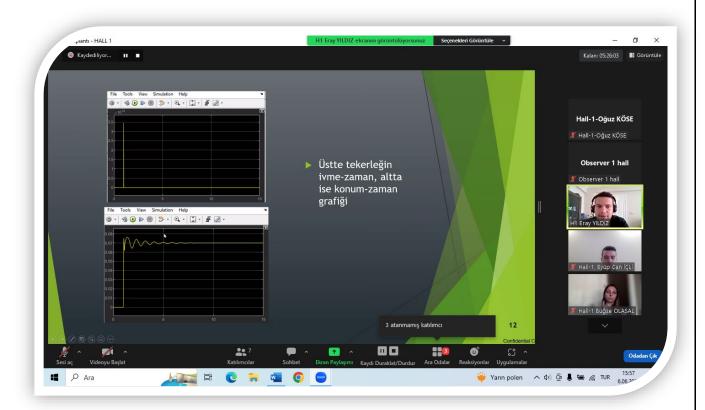








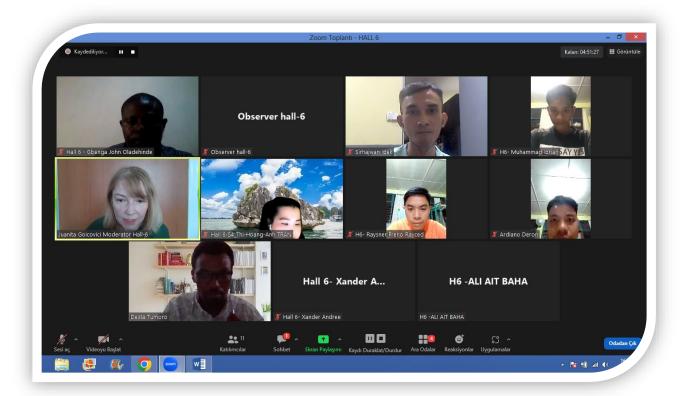


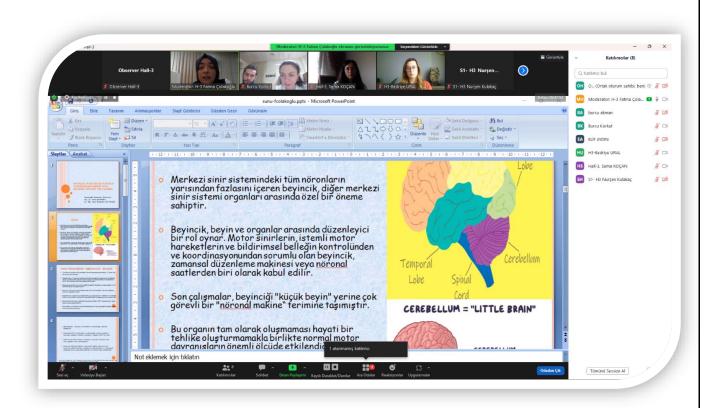


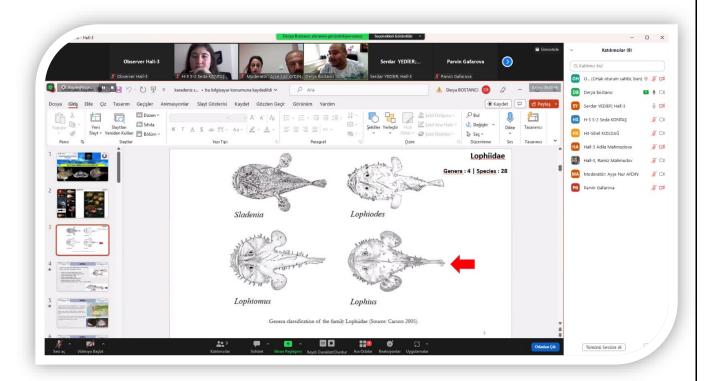




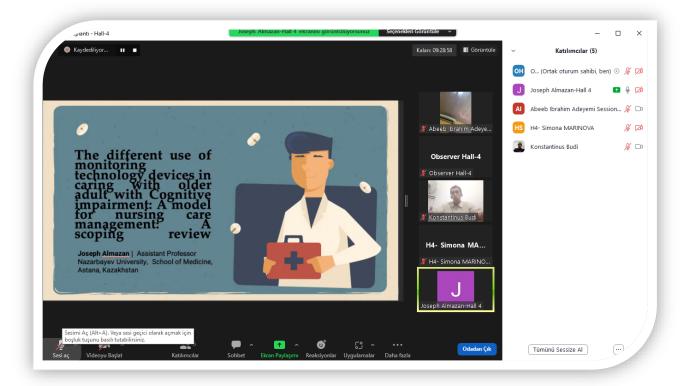


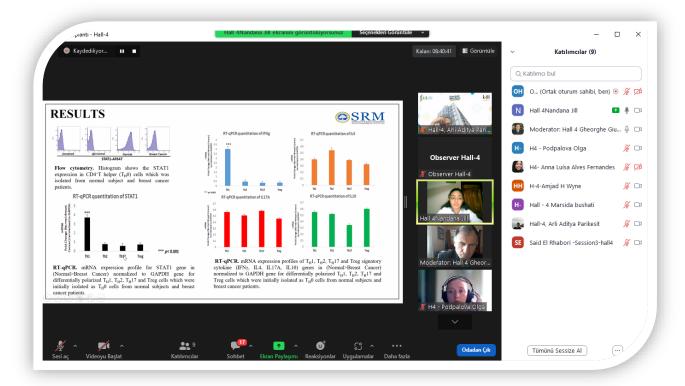




























# 4<sup>th</sup> INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS

6-7-8 June 2023 Rize, Turkiye

### CONGRESS PROGRAM

Zoom Meeting ID: 885 8479 8409 Zoom Passcode: 040404

#### Participant Countries (48):

Turkiye, Algeria, Indonesia, Pakistan, Romania, Azerbaijan, Italy, Albania, Germany, Nigeria, Vietnam, China, Malaysia, India, Libya, Egypt, Morocco, Iran, Benin, Kosovo, Brazil, Russia, Moldova, Ethiopia, Ukraine, Bosnia And Herzegovina, Serbia, Philippines, Iraq, Portugal, Georgia, Saudi Arabia, United Kingdom, Bulgaria, Poland, Hungary, Myanmar, Spain, República Dominicana, Mexico, Sri Lanka, Peru, North Macedonia, Kazakhistan, Oman, Mongolia, Uzbekistan, United States Of America

### **06.06.2023** / Session-1, Hall-4 Ankara Local Time: **09:00** – **11:00**

Moderator: Assoc. Prof. R. Devi Meeting ID: 885 8479 8409 / Passcode: 040404

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NIOSOMES: A NOVEL CARRIER DRUG DELIVERY SYSTEM	Assoc. Prof. R. Devi	Bharath Institute of Higher Education and Research INDIA
COMPARATIVE STUDY OF TECHNO- FUNCTIONAL PROPERTIES OF COCOA AND CAROB FLOURS (CERATONIA SILIQUA)	Prof. Farida BENMEZIANE Mrs Meriem-Ghozlane BOUHAIK	Bendjedid University of El-Tarf ALGERIA Bendjedid University of El-Tarf ALGERIA
THE EFFECT OF RABBIT URINE LIQUID FERTILIZER AS A PARTIAL SUBSTITUTION OF AB –MIX NUTRITION ON THE GROWTH AND YIELD OF MUSTARD GROWN WITH HYDROPONIC SYSTEM	Darwin H. Pangaribuan Yohannes C. Ginting Tarissa Bunga MAB Rafi S. Bagaskara Ardian Hayane A.Warganegara	University of Lampung INDONESIA
BLOOD PRESENCE IN TRACHEA AND LENGTH OF DEATH AS ANIMAL WELFARE INDICATORS IN TANAH MERAH SLAUGHTERHOUSE	Ari Wibowo Suhardi Khoiru Indana	Mulawarman University INDONESIA
FEED-FORWARD BASED DIRECT TORQUE AND FLUX CONTROL OF INDUCTION MOTOR IN FIELD WEAKENING REGIME	Moamer Musbah Mohammed Ahmed Amhimmid .Q. Almabrouk	Bani walid university LIBYA
CORNMEAL FOR THE SYNTHESIS OF BIODEGRADABLE PLASTIC FILMS BY MICROWAVE POLYMERIZATION TECHNIQUE	Dr. Mahmood Ahmed, PhD	University of Education PAKISTAN
REMOVAL OF CHLORIDES AND HARDNESS FROM CONTAMINATED WATER BY USING VARIOUS BIOSORBENTS: A COMPREHENSIVE REVIEW	Subhashish Dey	Gudlavalleru Engineering College INDIA
DISTRIBUTION OF HEAVY METALS IN SURFACE SEDIMENT IN THE COASTAL WATERS OF SMALL ISLANDS IN INDONESIA	Najamuddin Halikuddin Umasangadji	Khairun University INDONESIA
IMIDAZOQUINAZOLINES AND BENZIMIDAZOQUINAZOLINES: SYNTHESIS AND IMPORTANCE	Ayesha Rafiq Sana Aslam Matloob Ahmad	Government college university PAKISTAN

All participants must join the conference 10 minutes before the session time.

Every presentation should last not longer than 10-12 minutes.

Kindly keep your cameras on till the end of the session.

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### BLOOD PRESENCE IN TRACHEA AND LENGTH OF DEATH AS ANIMAL WELFARE INDICATORS IN TANAH MERAH SLAUGHTERHOUSE

#### Ari Wibow

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Animal welfare is of paramount importance in reducing stress and discomfort in animals, emphasizing their comfort, pleasure, and health. Stress can have detrimental effects on animals, leading to the presence of blood in the trachea and prolonged death. This study aims to evaluate the presence of blood in the trachea and the length of death, using blood gushing downtime as an indicator of animal welfare. The research was conducted between December 2021 and February 2022 at the Tanah Merah Slaughterhouse in Samarinda City, Indonesia, utilizing 363 slaughtered cattle. Descriptive statistical analysis was employed to analyze the collected data, presenting the findings in percentage (%). Shortly after the slaughter process, the presence of blood in the trachea was observed. Additionally, the length of death was measured from the slaughter process until the cessation of blood radiating. The results indicated that 54.5% (198 cattle) exhibited blood in the trachea. Furthermore, when assessing the length of death based on the blood gushing downtime parameter, the highest percentage (72.2% or 262 cattle) fell within the 2-3 minute range. This observation suggests that the cattle were still attempting to breathe during the slaughter process, indicating elevated levels of stress. In conclusion, the presence of blood in the trachea and the length of death showed the Slaughterhouse has not fully adhered to the principles of animal welfare prior to carrying out the slaughtering process. The findings underscore the need for improved animal welfare practices to minimize stress and enhance the well-being of animals in slaughterhouses.

**Keywords**: Animal Welfare, Blood in Trachea, Blood Gushing Downtime