



## Conference program

It is pleased to announce the holding of the International Conference of Applied Biology (ICAB 2022, March 30-31) in cooperation between Department of Biology, College of Science, University of Basrah and Al-Kunooze University College in Basrah Province “By Scientific Research we are developing among the modern Renaissance”.

First day (Wednesday) Morning Program: 30.03.2022 at Oil Cultural Centre	
Time	Program
8:00-9:00	<b>Registration</b>
9:00 -10:30	<p><b>Opening ceremony</b></p> <p>1 – Holy Quran</p> <p>2 – Iraqi National Anthem</p> <p>3 – Speech by <b>Prof. Dr. Saad Shaheen Hammadi (Chancellor of Basrah University)</b>.</p> <p>4 – Speech of <b>Assist. Professor. Dr. Mowaffaq F. Al-Shahwan (Dean of the College of Science)</b>.</p> <p>5 – Speech of <b>Assist. Professor Dr. Osama N. Saadoun (Dean of Al-Kunooze University College)</b></p> <p>6 – Promotion video about College of Science and Al-Kunooze University College</p>
10:30-11:00	<p><b>Opening session) : (Chair Prof. Wafaa Sadoon Shani (International Speaker) Prof. Hadeel Tawfiq Al-Hadithi</b></p>
11:00-11:30	<b>Break</b>

**First day: 30.03.2022 Morning**

**Microbiology and Immunology Session**

**Great hall (Oil Cultural Centre)**

**Prof. Dr. Samir K. Abdullah (Chair)**

**Prof. Dr. Sondos S. Bakr (Rapporteur)**

<b>Time</b>	<b>Session</b>
<b>11:30 – 11:40</b>	Chemical composition and antioxidants of <i>Artemisia herba-alba</i> (Asteraceae)
<b>11:40 – 11:50</b>	Evaluation of various nutritional and environmental factors effect on Biosurfactant production by <i>Staphylococcus epidermidis</i>
<b>11:50 – 12:00</b>	The prevalence of Hospital acquired fungal infections in some hospitals of Basrah Province
<b>12:00 – 12:10</b>	Determination genes of Beta-lactamase in <i>E.coli</i> and histological state for appendicitis patients in Basra province
<b>12:10 – 12:20</b>	Role of Thermophilic Bacteria Isolated from Oil Reservoir in Microbial Enhanced Oil Recovery
<b>12:20 – 12:30</b>	Using Flow cytometry technique to characterize Toll- Like Receptors (TLR2 and TLR4) among patient with tuberculosis in Basrah – IRAQ
<b>12:30 – 12:40</b>	Statistical association between age groups, body mass index and cancer grade with serological concentrations of immunological biomarkers (interleukin IL-1B, IL-6, IL-10 and INF- $\gamma$ ) among females with breast cancer
<b>12:40 -12:50</b>	Interleukin 4 expression, sequencing and recording a new gene in patients with bladder cancer
<b>12:50 – 1:00</b>	Prevalence of Antibiotic Resistance and Extended Spectrum $\beta$ -Lactamase in <i>Proteus</i> Species Isolated from Patients with Urinary Tract Infection in Al-Najaf Alashraf Hospitals
<b>1:00 – 1:10</b>	Detection of Secondary Metabolites of Nematode-Trapping Fungi from Culture Filtrates Using GC-MS technique
<b>1:10 – 1:20</b>	Association of some innate immune system markers with covid-19 severity
<b>1:20 – 1:30</b>	Seroprevalence of hepatitis C virus infection in in Hemodialysis patients
<b>1:40 – 2:30</b>	<b>Lunch time</b>

**First day: 30.03.2022 Morning Session**

**Microbiology and Immunology Session**

**Shatt Al-Arab Hall (Oil Cultural Centre)**

**Prof. Dr. Kawther H. Mahdi (Chair)      Prof. Dr. Inaam M. Najem (Rapporteur)**

<b>Time</b>	<b>Session</b>
<b>11:30 – 11:40</b>	Molecular and morphological identification of wild mushrooms isolated in Basrah province with global recording of new strains.
<b>11:40 – 11:50</b>	Isolation and diagnosis of bacterial species from eye injuries in Al-Diwaniyah Province, Iraq
<b>11:50 – 12:00</b>	Immune Responses in Patient Infected with <i>Entamoeba histolytica</i> and the antigenicity of cyst in Basrah Province
<b>12:00 – 12:10</b>	Effect of different local substrates and supplement with three types of spawn on <i>Letinula edodes</i> parameters for first production in Iraq
<b>12:10 – 12:20</b>	Correlation of D.dimer test with infection severity of covid-19 Patients
<b>12:20 – 12:30</b>	Effects of sub-MIC Vancomycin on <i>Staphylococcus aureus</i> Biofilm Genes Expression
<b>12:30 – 12:40</b>	Isolation of fungi from floors dust and soil for primary schools in Diwaniyah, Iraq
<b>12:40 -12:50</b>	Humoral immune response in acute, chronic, and asymptomatic hepatitis B virus infection
<b>12:50 – 1:00</b>	The role of pro-inflammatory cytokines in women with recurrent spontaneous abortion of Basrah province
<b>1:00 – 1:10</b>	Evaluation of Soluble Toll-like receptors 2, 4, 9 and their DAMPs signaling molecule(HMGB1) in Breast cancer patients of Basrah province
<b>1:10 – 1:20</b>	Assessment of the Epidemiology, Transmission, and Spread of HIV/AIDS Disease by the Health Staff at Basrah Teaching Hospital
<b>1:20 – 1:30</b>	Immunogenetic detection of human herpes virus-6 type a and interleukins 4 in male patients suffering from infertility disorders
<b>1:30 – 1:40</b>	Prevalence Study For Main Protozoa Diarrheal Agents Among Patients By Using Microscopically and Molecular Methods in Babylon Province
<b>1:40 – 2:30</b>	<b>Lunch Time</b>

## First day: 30.03.2022 Morning Session

### Zoology Session

Heritage Hall (Oil Cultural Centre)

Prof. Dr. Kadhim S. Hassan (Chair) Prof. Dr. Maha K. Almallak (Rapporteur)

Time	Session
11:30 – 11:40	Physiological study of Cholecystokinin level changes in type 2 diabetes mellitus patients
11:40 – 11:50	Embossed Cone Snail, Banded Conical Snail, <i>Cochlicella Barbara</i> , Transporter of Respiratory Diseases of Human Beings and Small Ruminants
11:50 – 12:00	Description of some species belong to genus <i>Bledius</i> (Staphilinidae: Coleoptera) from Basra province south of Iraq
12:00 – 12:10	Quantification the degree remodeling of spiral artery according to degree of invasiveness of Extravillous cytotrophoblast migration in gestational diabetes in pregnancy women
12:10 – 12:20	Certain heavy metals and trace elements association with lung cancer patients southern of Iraq
12:20 – 12:30	Histological biomarkers of the gills in two freshwater fish species for Environmental Assessment in a different sites of the Shatt al-Arab River in Basra Governorate – Iraq
12:30 – 12:40	Malathion-induced biochemical and molecular changes in the brain of <i>Danio rerio</i> as biomarkers of oxidative stress damage
12:40 -12:50	Effects of Quinoa Seed on Some Biochemical Parameters in Overweight and Obese Iraqi women
12:50 – 1:00	Some aspects of entomopathogenic nematode, <i>Metarhabditis blumi</i> Sudhaus (Nematoda:Metarhabditida) as biocontrol agents for the palm borers, <i>Oryctes</i> spp.
1:00 – 1:10	Demographical and epidemiological study of the cutaneous Leishmaniasis patients in Diyala government, Iraq
1:30 – 2:30	<b>Lunch Time</b>

**First day: 30.03.2022 Afternoon (Online Session)**

**Dr. Marwan Al Maqtoofi (Chair)      Dr. Wijdan Al Tamimi (Rapporteur)**

**Online session code: meet.google 1**

**Session link: <https://meet.google.com/yuy-qvzh-ajb>**

<b>Time</b>	<b>Session</b>
<b>6:00 – 6:10</b>	Frequency of the genotypes of anemia patients in Basra- Iraq
<b>6:10 – 6:20</b>	Immunological effects of <i>Penicillium Digitatum</i> in rabbits
<b>6:20 – 6:30</b>	The Presence of Tobacco Whitefly Bemisia tabaci (Gennadius), and Onion Thrips Thrips tabaci (Lindquist) on Different Cucumber Plant Cultivars in the Field Conditions
<b>6:30 – 6:40</b>	Sperms abnormalities and testicular damage induced by cyclosporine A drug and the protective effect of garlic in albino male rats
<b>6:40 – 6:50</b>	Flowcytometric determination of monocytes subsets of beta thalassemia major patients in Basrah province
<b>6:50 – 7:00</b>	Molecular study of Cystic Echinococcosis In Human, sheep And Camel
<b>7:00 – 7:10</b>	Genotypic estimation of the biofilm formation of <i>Staphylococcus aureus</i> ( MRSA) isolates from dental staff
<b>7:10 – 7:20</b>	Assessment of the efficiency of the essential oil of Eucalyptus camaldulensis on fig moth Ephestia cautella (Pyralidae: Lepidoptera) reared on the “Zahdi” date
<b>7:30 – 8:00</b>	<b>From Spain (Dr. Luis V. Lopez-Llorca): 07:30 - 07:45 Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>
<b>8:00 – 8:30</b>	<b>From the UK (Dr. George Littlejohn): 08:30 -08:45pm Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>

## First day: 30.03.2022 Night (Online Session)

**Prof. Dr. Sahar A. Malik (Chair) Assist. Prof. Dr. A. Al-Hilfi (Rapporteur)**

**Online session code: meet.google 2**

**Session link: <https://meet.google.com/bmc-seih-yyu?authuser=1>**

Time	Session
<b>6:00 – 6:10</b>	Genetic variation at hsp60 Gene of <i>Enterobacter cloacae</i> isolated from frozen chicken meat in Iraq
<b>6:10 – 6:20</b>	Molds And Mycotoxins In Ration Wheat Flour In Sulymania City
<b>6:20 – 6:30</b>	Estimation Kur4 Gene Polymorphisms In Iraqi Type 2 Diabetes Mellitus Patients Using Pcr-Sscp Technique
<b>6:30 – 6:40</b>	Immunology and Molecular study of human Metapneumovirus in children among respiratory tract infection in Najaf of the province, Iraq
<b>6:40 – 6:50</b>	Estimation of Heavy Metal Accumulation in Cardiac Tissue of Birds Within Polluted Areas in Wasit Province
<b>6:50 – 7:00</b>	Determining the environmental factors on some water and sediments quality parameters of the eastern Al-Hammar Marsh
<b>7:00 – 7:10</b>	Chemical modulation of cephalixin antibiotic and study their chemical structure, biological activity and toxicity against <i>Staphylococcus aureus</i> .(MRSA) in <i>vitro</i> and in <i>vivo</i>
<b>7:10 – 7:20</b>	Effect of aqueous extract of leaves of Damas plant <i>Conocarpus lancifolus</i> Engl. On the vegetative and chemical characteristics of plant <i>Borago officinalis</i> (L.)
<b>7:20 – 7:30</b>	Evaluation of Total Antioxidant Capacity and Total Oxidant Status in Patients with COVID-19.
<b>7:30 – 8:00</b>	<b>From Spain (Dr. Luis V. Lopez-Llorca): 07:30 - 07:45 Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>
<b>8:00 – 8:30</b>	<b>From the UK (Dr. George Littlejohn): 08:30 -08:45pm Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>

## First day: 30.03.2022 Night (Online Session)

**Prof. Najwa M. Jamil (Chair) Assist. Prof. Dr. Muhannad Khalaf (rapporteur)**

**Online session code: meet.google 3**

**Session link: <https://meet.google.com/mve-zphx-ttd>**

Time	Session
6:00 – 6:10	Histological, biochemical and Chromosomal aberrations associated with Pituitary gland dysfunction induced by Acrylamide in Male Rats.
6:10 – 6:20	effect of glutamine supplementation on histology and pathophysiology
6:20 – 6:30	Production, purification and characterization of terpenes isolated from two new strains of yeasts in Iraq and study of their antiparasitic activity
6:30 – 6:40	Effect of some ecological factors on the occurrence of yeasts in soils and sediments from Iraq.
6:40 – 6:50	16S rRNA profiling of nine global new strains of <i>Staphylococcus aureus</i> isolated from clinical specimens in Basrah province, Iraq
6:50 – 7:00	Novel Iraqi Fungal Isolates of <i>Trichoderma reesei</i> Registration
7:00 – 7:10	Evaluation of Serum Selenium, Chromium, lead and Iron In Children with Autism in Thi Qar Governorate
7:20 – 7:30	The Association between adiponectin , adiponectin receptor and obesity for diabetic Female Type II
7:30 – 7:40	Water quality assessment of Sawyer River using some Environmental indices
7:30 – 8:00	<b>From Spain (Dr. Luis V. Lopez-Llorca): 07:30 - 07:45 Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>
8:00 – 8:30	<b>From the UK (Dr. George Littlejohn): 08:30 -08:45pm Iraqi time, presentation for 10mins and 5mins Q&amp;A</b>

