

**Cihan University/Duhok**

**In collaboration with**

College of Medicine- Tikrit University,  
College of Pharmacy- Basrah University,  
College of veterinary medicine- Basrah  
University Iraqi Teachers Union,  
Research and Development of Human  
Resources Center Remah/Jordan, Ibn  
Hayyan Center for Studies and  
Researches, University of Holy Quran and  
Taseel of Science/ Sudan, Modern  
University for Business and Science

**held**

**International Conference of Natural and Applied Science  
(ICNAS-11)**

*The Future of Natural and Applied Science:  
Reality and Challenges*

**In**

**Dubai / United Arab Emirates**

**March 15 – 17, 2022**

Research papers presented in the conference will be  
published in International peer-reviewed journal and  
Scopus-listed journals

**Scopus**

Abstracts are sent to: [conference11@duhokcihan.edu.krd](mailto:conference11@duhokcihan.edu.krd)

For more inquiry don't hesitate to contact us (Text, call &  
WhatsApp):

Jordan: +962799424774

Iraq: +9647709520311

**Dubai**

**15-17/ 3/ 2022**

**15 - 17 / 3 / 2022**

Research papers presented in the conference will be published in  
International peer-reviewed journal and Scopus-listed journals

Abstracts are sent to the e-mail of the International Conference of Neutral  
and Applied Science (ICNAS-11)

[conference11@duhokcihan.edu.krd](mailto:conference11@duhokcihan.edu.krd)

Which will be held in Dubai, March 15-17, 2022

For more inquiry don't hesitate to contact us (Text, call & WhatsApp):

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**Convener**

**Dr. Zirfan Abdulmuhsen Asa'd**  
**Rector of Cihan University/ Duhok**

**Vice-Convener**

**Dr. Ammar Lateef Hussein**  
**Assist. Dean for Scientific Affairs, College of Medicine,**  
**Tikrit University**

**Honorary Convener**

**Prof. Abkar Abdulbanat**  
**Rector of University of Holy Quran and Taseel of Sciences**

**General Supervisor**

**Khaled Ragheb Ahmed Al-Khatib**  
**Head of Research and Human Resources Development Center**  
**REMAH/Jordan**

**Consultant**

**Dr. Abdullah AbdShehab**  
**Ibn Hayyan Center for Studies and Researches**

**Committee Rapporteur:**

**Dr. Ali Muhsen Ali Saleh**  
**College of Medicine - Karbala University / Iraq**

## List of Sponsoring Journals

### \* International Journal

1- The Medical Journal of Tikrit University (MJOTU) Published by Tikrit University

ISSN: 1813-1638 (Print), Language: English, Subjects: Medicine (General)

Website Link: <https://jcoagri.uobaghdad.edu.iq/index.php/intro/index>

2- Teikyo Medical Journal - ISSN: 03875547

Website Link: <https://www.teikyomedicaljournal.com>

Acceptance: 10-28 days Publications: 30 days

3- Journal of Positive School Psychology (JPSP) - ISSN: 2717-7564

Website Link: <https://journalppw.com/index.php/jpsp>

Acceptance: 7 to 15 days, Publication: 45-60 days

4- Basrah Journal of Veterinary research (BAS.J.VET.RES) Published by College of Veterinary Medicine, University of Basrah, Iraq – Print ISSN:1813-8497 – Online ISSN:2410-8456

Website Link: <http://basjvet.org>

### \* Scopus Journals

1- Mathematics and Statistics - ISSN: 2332-2071, E-ISSN: 2332-2144 - **Q4**

Subjects: Decision Sciences, Statistics, Probability and Uncertainty Economics, Econometrics and Finance, Economics and Econometrics, Mathematics, Statistics and Probability

Journal Link: [https://www.hrpub.org/journals/jour\\_info.php?id=34](https://www.hrpub.org/journals/jour_info.php?id=34)

Scopus Link: <https://www.scopus.com/sourceid/21100905277>

Fee: 450\$

2- Journal of Physics: Conference Series - Print ISSN: 1742-6588, Online ISSN: 1742-6596 - **Q4**

Subjects: Physics, Astronomy, Mathematics and Multidisciplinary.

Website Link: <https://iopscience.iop.org/journal/1742-6596>

Scopus Link: <https://www.scopus.com/sourceid/130053>

Acceptance: 30 days. Publication: 45-60 days. **Note:** Plagiarism should be below 15%. Fee: 500\$

3- IRAQI JOURNAL OF AGRICULTURAL SCIENCES (IJAS) - **Q3**

The international number of IJAS are PISSN 0075-0530, EISSN 2410-0862

Digital Object Identifier (DOI) - 10.36103

Website Link: <https://jcoagri.uobaghdad.edu.iq/index.php/intro/index>

Scopus Link: <https://www.scopus.com/sourceid/21100809798>

Fee: 200\$

4- Lecture Notes in Networks and Systems - ISSN: 2367-3370, E-ISSN: 2367-338

**Subjects:** Computer Science, Computer Networks and Communications, Signal Processing, Engineering, Control and Systems Engineering

**Website Link:** <https://www.springer.com/series/15179>

**Scopus Link:** <https://www.scopus.com/sourceid/21100901469>

5- AIP Conference Proceedings - ISSN: 0094-243, XE-ISSN: 1551-7616

**Subjects:** Physics and Astronomy (miscellaneous)

**Website Link:** <https://aip.scitation.org/journal/apc>

**Scopus Link:** <https://www.scopus.com/sourceid/26916>

6- Iranian Journal of War and Public Health - ISSN: 2008-2622, E-ISSN: 2008-2630 -

**Q4**

**Subjects:** Medicine, Health Policy Medicine, Public Health, Environmental and Occupational Health.

**Website Link:** <http://ijwph.ir>

**Scopus Link:** <https://www.scopus.com/sourceid/21100905904>

Acceptance: 10-15 days, Publication: 45 days.

7- Turkish Journal of Physiotherapy and Rehabilitation - Web of Science (ESCI)-ISSN: 2651-4451 - **Q4**

**Subjects:** Health Professions, Physical Therapy, Sports Therapy and Rehabilitation, Medicine, Orthopedics and Sports Medicine, Rehabilitation.

**Website Link:** <http://www.turkjphysiotherrehabil.org>

**Scopus Link:** <https://www.scopus.com/sourceid/21100893337>

Acceptance: 2 to 3 Days, Publication: 5 to 7 days.

8- SPORT TK-Euro American Journal of Sport Sciences - ISSN: 2254-4070, E-ISSN: 2340-8812- **Q4**

**Subjects:** Health Professions, Occupational Therapy, Physical Therapy, Sports Therapy and Rehabilitation, Social Sciences, Education, Medicine, Orthopedics and Sports Medicine, Complementary and Manual Therapy.

**Website Link:** <https://revistas.um.es/sportk/issue/view/19721>

**Scopus Link:** <https://www.scopus.com/sourceid/21101023086#tabs=2>

Fast Track: Acceptance: 20 days, Publication: 60 days

## **Preamble**

- The advancement and results of scientific research is a remarkable indicator of the advancement of nations. Therefore, there is an urgent need to seriously support higher education and make it the basis for development.
- Community service is the ultimate goal of all higher education institutions that work on developing scientific research, encourage innovation and inventors in various fields and support the excellent and talented researchers.
- The real investment is represented in participation in conferences held in Arabic countries and supporting knowledge development through developing and supporting scientific research, thus opening new vistas for cooperation between the Arabic and world universities, in addition to distance learning.

## **Conference objectives**

This conference mainly aims to develop scientific research in all subjects in addition to encouraging postgraduate students to publish the results of their scientific researches along with their suggestions which are important for diversifying the culture of scientific research among researchers and developing scientific ideas so as to shed light on scientific researches and study the possibility of making benefit of their results, in addition to providing the social and academic environment that supports creativity and innovation as a priority of researchers and faculty members.

We are hopeful that this conference will represent the optimism and positivity which are necessary to face all the challenges of scientific research in the Arab world. It will also spread the notion of following up the findings of scientific researches and making benefit of them in various fields of life.

# Conference Axes

## First: Neutral Sciences

- 1. Chemistry**
- 2. Physics**
- 3. Biology**
- 4. Mathematics and Statistics**
- 5. Geology**
- 6. Environment and Pollution**
- 7. Agriculture**
- 8. Computer and Information Technology**

## Second: Medical Sciences

- 1. General medicine** (All branches)
- 2. Dentistry** (Oral, face and palm surgery, orthodontics, oral and gum diseases).
- 3. Pharmacy** (Medicines and toxins, pharmaceutical chemistry, pharmaceutical and biological pharmacy).
- 4. Pathological sciences** (Clinical biochemistry, microbiology, molecular biology, clinical immunology, hematology).
- 5. Biological technology** (Biological medical technology, genetic engineering, cell biology, tissue culture technology, environmental biological technology, nanotechnology).
- 6. Veterinary medicine** (internal and preventive, surgery, zoology, illnesses, general veterinary health, anatomy, physiology).

### **Third: Engineering Sciences**

- 1. Mechanic engineering** (Car engineering, plane engineering, HVAC engineering, power conversion engineering, metallurgy and production engineering, applied engineering).
- 2. Civil engineering** (environment engineering, construction and investment engineering, space engineering, hydraulic structure engineering, water resources engineering, road and bridge engineering).
- 3. Electricity engineering** (Electronics, telecommunication, computer, electric capacity).
- 4. Chemical engineering** (materials processing, materials structuring, petrochemicals, nuclear engineering).
- 5. Architecture and city planning engineering** (urban design, contemporary architecture, local traditional architecture, outdoor spaces, sustainable development, city planning, environmental planning, sustainable planning, transportation planning).

### **Fourth: Sport Sciences**

- 1. Natural sport medicine.**
- 2. Sport and physical education.**
- 3. Sport psychology.**
- 4. Sport nutrition.**

### **Fifth: Patents**

There is an exhibition of all patents recorded in the last ten years, in all subjects. The patent certificate must be presented with the abstract.

# Academic Committee

**Chairperson:** Prof. Abdullah Saleh Hassan / College of Medicine Anbar University / Iraq

**Scientific committee commissioner:** Dr. Ali Muhsen Ali Saleh / College of Medicine - Karbala University / Iraq

Academic Title and Name	University	Country
Prof. Ibrahim Jawad Kadhim Al Yusuf	Dean, College of Construction Engineering/ Technological University	Iraq
Prof. Jassim Abood Al-Dabbagh	Former Dean, College of Engineering/ Al-Nahrain University	Iraq
Prof. Falah Hasan Shri	Dean, College of Pharmacy, University of Basrah	Iraq
Prof. Rahman Kadhum Muhsen	Dean, College of veterinary medicine, Basrah University	Iraq
Prof. Thamer Al-Helfi	World Health Organization	Middle East
Prof. Mahmoud Hatem Saleh	Al-Balqa' Applied University	Jordan
Prof. Abdullah Ahmed Talafheh	Jordanian University	Jordan
Prof. Hana Al-Hunaiti	Islamic University	Jordan
Prof. Hareth Mustafa Tawfiq Hebatallah Al-Khatib	Tikrit University	Iraq
Prof. Sumaiah Taher Saihood Abd	Tikrit University	Iraq
Prof. Muhaimid Maddallah Mohammed Hasan Al-Jabori	Tikrit University	Iraq

Prof. Kadhim Hashim Yaseen	Mustansiriyah University	Iraq
Prof. Musa Mahmoud Marbat Nasrallah	Tikrit University	Iraq
Prof. Baha Dhia Muhyeddin Abdullah	Tikrit University	Iraq
Prof. Maitham Ghali Yusuf	Al-qadisiyah University	Iraq
Prof. Abdulbari Abbas Sahi	University of Basrah	Iraq
Prof. Ahmed Hashim Abdulghafour Salman	Tikrit University	Iraq
Prof. Najat Ahmed Dahham	Tikrit University	Iraq
Prof. Awatif Saber Jasim Al-Hadithi	Tikrit University	Iraq
Prof. Haitham Yunus Mohammed	Tikrit University	Iraq
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A. Prof. Dr. Hayrettin Ozan Gülcan	Eastern Mediterranean University	Turkey
A. Prof. Dr. Hamoni EA. Prof. Dris	Ibn Tufail University	Morocco
A. Prof. Dr. Feras Shatat	Emirates College of Technology	UAE
A. Prof. Dr. Muthanna Mahmoud Shaker	Research and Development of Human Resources Center/ REEMAH	Jordan
A. Prof. Dr. Su'ad Abdulfattah Mohammed	Al-Balqa' University	Jordan
A. Prof. Dr. Ghassan Ezzaddin Aref	Tikrit University	Iraq
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A. Prof. Dr. Haidar Taresh Haidar	Mustansiriyah University	Iraq
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A. Prof. Dr. Ehsan Majeed Hameed	Thi-Qar University	Iraq
A. Prof. Dr. Saria Naji Muhsen Saleh	Tikrit University	Iraq
A. Prof. Dr. Yaser Ismail Abbas Badiwi	Tikrit University	Iraq
A. Prof. Dr. Marwan Salah Salman Aitan	Tikrit University	Iraq
A. Prof. Dr. Aalaa Zanzal Ra'd Dahham	Tikrit University	Iraq
A. Prof. Dr. Qanat Mahmoud Atiah	Tikrit University	Iraq
A. Prof. Dr. Sundus Jasim Mohammed	Tikrit University	Iraq
A. Prof. Dr. Diar Salahaddin Ali	Salahaddin University	Iraq
A. Prof. Dr. Mohammed Wajed Mohammed Ali	University of Mosul	Iraq
A. Prof. Dr. Reyam Faris Saleh Mahmoud	Tikrit University	Iraq
A. Prof. Dr. Lamia Najah Sanudi	Tikrit University	Iraq
A. Prof. Dr. Israa Mahdi Al-Sudani	Ibn Sina University of Medical and Pharmaceutical Sciences	Iraq
A. Prof. Dr. Emad Hammody Abdulla	Ibn Sina University of Medical and Pharmaceutical Sciences	Iraq
A. Prof. Dr. Gulboy Abdolmajeed Nasir	University of Baghdad	Iraq
A. Prof. Dr. Shatha A. Hasan	University of Baghdad	Iraq
A. Prof. Dr. Risala Hussain Allami	Al-Nahrain University	Iraq
A. Prof. Dr. Enas Abdulmajid Rashid	Tikrit University	Iraq
A. Prof. Dr. Mohammed Rahil Ali	Tikrit University	Iraq
A. Prof. Dr. Maha Esam Abdulaziz Ali	Tikrit University	Iraq
Dr. Amel D. Hussein	Wasit University	Iraq
Dr. Nufel Alkateb	Ibn Sina Medical University	Iraq

Dr. Sadeq Abdurrezha Abd	Al-Qasim Green University	Iraq
Dr. Ya'rub Mahjoub Nafi	Mustansiriyah University	Iraq
Dr. Zainah Mundher Al-KarahGhuli	University of Baghdad	Iraq
Dr. Wisam Haitham Abbood	Mustansiriyah University	Iraq
Dr. Eman Lutfi Ibrahim Al-Babli	Mansoura University	Egypt
Dr. Luma Abdulqader Hatem	Tikrit University	Iraq
Dr. Abdullah Musa Abdulmawjood	Al-Azhar University	Egypt
Dr. Zainab Mustafa Mahdi	Tikrit University	Iraq
Dr. Maitham Ghali Yusuf	University of Al-Qadisiyah	Iraq
Dr. Aala Ali Abdurrahman Al-Tawalbeh	Al-Balqa' Applied University	Jordan
Dr. Salar Faisal Nuri	Cihan University / Duhok	Iraq
Dr. Ronak Mohammed Haj Ersan	Cihan University / Duhok	Iraq
Mr. Belal Hekmat Rashid	Cihan University / Duhok	Iraq
Mr. Rayan Ali Hajji	Cihan University / Duhok	Iraq
Dr. Shirin Abdulkarim Musa	Cihan University / Duhok	Iraq
Dr. Kazin Hasan Jasim	Cihan University / Duhok	Iraq
Dr. Raghdan Hashim Muhsin	University of Basrah	Iraq
Dr. Dhurgham Ismael Baqer	AL-Kunooze University College	Iraq
Dr. Nehad Hussein Ahmed	Tikrit University	Iraq
Dr. Ali Hussein Abbas	Tikrit University	Iraq
Dr. Omar Hussein Ahmed	Tikrit University	Iraq

# Organizing Committee

**Chairperson:** Mr. Nawar Nadhim Rashid / Cihan University - Dahuk/ Iraq

Academic Title and Name	University	Country
A. Prof. Dr. Huda Abd Ali Hattab	University of Baghdad	Iraq
Dr. Eman Abdulghaffar Mohammed Abohijleh	Al-Balqa' Applied University	Jordan
Dr. Omar Ali Ilias	University of Musol	Iraq
Dr. Azad Naif Mustafa	Cihan University/ Dahuk	Iraq
Dr. Aras Faddhel Abu Zaid	Cihan University/ Dahuk	Iraq
Dr. Mahdi Saleh Mohammed	Tikrit University	Iraq
Dr. Jwan Bakhtiar Bahaaddin	Sulaimaniyah Univesity	Iraq
Dr. Isra Fakher	Cihan University/ Dahuk	Iraq
Mr. Taha Abdullah Mohammed	Dahuk University	Iraq
Mrs. Huda Jarrar	Research and Development of Human Resources Center/ Remah	Jordan

# Committee of media and reception

**Chairperson** Mrs. Sara Muhsen Qader/ Salahaddin University / Iraq

Academic Title and Name	University	Country
Dr. Khaled Al-Rauf Shehab	Cairo University	Egypt
Dr. Shima Abdurrahim Khaled	General Directory of Salahaddin Education	Iraq
Dr. Shah Zad Ramadan Hasan	Frensh and Lebanese University	Iraq

## Terms of Participation

1. Anti-plagiarism check certificate should be submitted with the research paper.
2. The research paper should be new and has not previously been presented in any conference or published in any peer-reviewed journal.
3. The research is subject to arbitration. It may be accepted, rejected or edited according to the arbitrators' decision, and the researcher must abide by these decisions.
4. The abstract should be sent in no more than 250 words.
5. The research should be presented a month after its discussion in the conference.
6. The researcher undertakes to publish his research in any of the sponsoring journals of the conference, and in a special number within the conference proceedings.
7. The research should be subject to scientific sobriety and according to the conditions of publication in the scientific journal in which the research will be published.

## Benefits of participating in the conference

- Attendance participation with publication (conference bag, stationery, all conference certificates, hospitality).
- Virtual participation with publication (all conference certificates).
- Attendance participation in the conference without publication (conference bag, certificate of participation, certificate of attendance, thanks and appreciation).
- Virtual participation in the conference without publication (certificate of participation, thanks and appreciation).
- Conference certificates include (certificate of participation, certificate of publication, certificate of attendance, and thanks and appreciation).

## Participation Fees

- Fees for attending the conference for the individual participating researcher: \$250.
- Participation fee for joint research: \$150.
- Remote virtual participation fee: \$150.
- Fees for the researcher's companion: \$150.
- Publication in Scopus magazines: (according to the magazine level costs).
- The above fees do not include visa, travel and accommodation. The fees include conference certificate + conference bag + research publication + hospitality.

## Important dates:

Date of the conference **March 15-17, 2022.**

The last date for receiving abstracts is **01/03/2022.**

- The last date for receiving the full research is one month after the conference to give researchers an opportunity to benefit from the discussion notes and to amend the research by the researcher after taking the notes raised in the discussion.
- Research is published according to journal dates.
- The research is sent in English to those who wish to publish in Scopus magazines.

## Form of Participation

Full Name: .....

Nationality: .....

Current Address: .....

Qualification: .....

Telephone: .....

Mobile: .....

Fax: .....

E-mail: ..... @ .....

Type of participation: Attendance  Research Presentation

Topic of the research

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.....

Research area:

.....

Signature:

# Conference Venue

## Holiday Inn Express Dubai Safa Park, an IHG Hotel



# International Conference of Neutral and Applied Science

## ICNAS-11



INTERNATIONAL CONFERENCE

Dubai

15 - 17 / 3 / 2022