



# منهاج المؤتمر الدولي الثاني للكيمياء



دور الكيمياء في التنمية والتقدم

23-24 حزيران 2021



University of Mosul, College of Science, Chemistry Department



Under the Patronage of the Minister  
of Higher Education and Scientific  
Research

***Prof. Dr. Nabeel Kadhim Abd-Alsahib***

and Under the Supervision of the Chancellor of  
University of Mosul

***Prof. Dr. Qusay Kamaladdin Al-Ahmedy***

with Conference Chair

***Assistant Prof. Dr. Hiyam A. Altai***

and Conference Co-Chair

***Prof. Dr. Assad Fasil***

The Department of Chemistry - Collage of  
Science holds the 2<sup>nd</sup> International Conference of  
Chemistry at University of Mosul Under the Slogan

***“The Role of Chemistry in Developing and Progress”***

***23<sup>rd</sup>-24<sup>th</sup> June 2021***



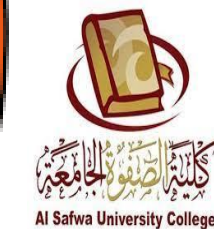
# 2<sup>nd</sup> International Conference of Chemistry







# The Participants



University of Mosul, College



Chemistry Department



# Supporters







# Conference Program

اليوم الاول 2021 /6/23

في رحاب المنتدى الثقافي العلمي في جامعة الموصل		
9:30 – 10:00	The Audience Entered the Hall	
10:00-10:05	Welcome Words	كلمة الترحيب
10:05-10:10	National Anthem	النشيد الوطني
10:10-10:20	Holy Quran	تلاوة لما تيسر من القرآن الكريم
10:20-10:25	Reading Surat Al-Fatihah to Martyrs of Iraq	قراءة سورة الفاتحة على شهداء العراق
10:25-10:35	The Conference Chair	كلمة السيدة عميد كلية العلوم
10:35-10:45	Head Of Chemistry Department	كلمة السيد رئيس قسم الكيمياء
10:45-11:00	Department Video Show	فلم وثائقي تعريفى عن قسم الكيمياء
11:00-11:10	Certificates and Honors	الشهادات التقديرية والتكريم
11:10-11:40	Keynote lecture Prof. Dr. Mikdad T. Ayoub A-Arif	المحاضر: أ. د. مقداد توفيق
11:40-12:00	<i>Coffee Break</i>	
12:00-13:00	افتتاح المعارض للجهات الداعمة وبراءات الاختراع والبوسترات في رحاب قسم الكيمياء	
13:00-14:30	بدء جلسات ومناقشة البحوث في رحاب قسم الكيمياء - كلية العلوم	
14:30-	<b>وجبة الغداء</b>	



# Conference Program

اليوم الثاني 2021/6/24

في رحاب المنتدى الثقافي العلمي في جامعة المنصورة		
Keynote lectures (Keynote Speakers)		المتحدثون
09:00-09:30	Indian Institute of Technology Roorkee: Roorkee, India.	Prof. Dr. Kailash C. Gupta
09:30-10:00	Department of Chemistry, M.M.H. College (CCS University), Ghaziabad, India.	Associate Prof. Dr. Madhu Gupta
10:00-10:30	Faculty of Science, Mansoura University, Egypt.	Prof. Dr. Sahar Mostafa
10:30-11:30	العرض التقديمي للشركات الداعمة	
11:30-12:00	<i>Coffee Break</i>	
12:00-14:00	بدء جلسات ومناقشة البحوث في رحاب قسم الكيمياء – كلية العلوم	
14:00-14:10	توصيات المؤتمر في قاعة المؤتمرات في قسم الكيمياء – كلية العلوم	
14:10-14:20	توزيع الشهادات على الجهات الداعمة في قاعة المؤتمرات في قسم الكيمياء – كلية العلوم	
14:20-14:30	الجلسة الختامية في قاعة المؤتمرات في قسم الكيمياء – كلية العلوم	
14:30-	وجبة الغداء	



## Supervising Members of Lectures and Electronic Sessions

**Prof. Dr. Thikra Ali Allwsh**

**Prof. Dr. Abdulrahman Basil**

**Asst. Prof. Dr. Ammar Abdul Sattar**

**Dr. Aladdin Mohamed Hani**

**Dr. Ibrahim Mohamed Hayes**

**Dr. Alaa Hussein Jalil**

**Dr. Emad Younes Hasan**

**Ibraheem Haleema**

**Afyaa Muayad Younus**

**Basima Ahmed Abed Al-Hadi**

**Enas Sameer Thanoon**

**Saba Hazem Sedeeq**

**Gassan Qasim Ismaeel**

**Mohammed Adnan**

University of Mosul, College of Science, Chemistry Department





## Presentation Sessions (13:00-14:30)

### Session Theme: Biochemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 1

**Session Chair:** Prof. Dr. Fadhel Al-Tu'ma

**Session Co. Chair:** Prof. Dr. Luay A. Ali

**E-Meeting Manager:** Basima A. A. Al-Hadi

Time	Paper Id	Author	Title
13:00-13:10	EJCHEM-2105-3792	Othman Rashid Al Samarrai	Estimation of 6Ckine and Chemokine Receptor Type 7 With Some Biomarkers in Type 2 Diabetes Mellitus Patients in Ramadi City-Iraq.
13:10-13:20	EJCHEM-2105-3794	Othman Rashid Al Samarrai	Measurement of lipids levels and lipase enzyme in women who take birth control pills in Samarra city – Iraq.
13:20-13:25	ICC-A0321	Zahraa Abdul Adheem Al-Maiyaly	Association between Protein Kinase C Beta Genotypes and Pathogenesis of Type 2 Diabetic Nephropathy Complications.
13:25-13:30	ICC-A0623	Suzan Haleem Kamel	Angiotensin Converting Enzyme-2 Receptors Gene Polymorphism and its Relations with Severity of Iraqi Covid-19 Pandemic.
13:30-13:40	EJCHEM-2106-3889	Aser Ihsan Abdullah	Study of the effect of laurel plant (Laurus Nobilis) on some biochemical markers in diabetic mellitus rats.

University of Mosul, College of Science, Chemistry Department



## Session Theme: Biochemistry



**Wednesday, June 23<sup>rd</sup>, 2021**

**Hall No. 1**

<b><u>Session Chair:</u></b>		<b>Prof. Dr. Fadhel Al-Tu'ma</b>	
<b><u>Session Co. Chair:</u></b>		<b>Prof. Dr. Luay A. Ali</b>	
<b><u>E-Meeting Manager:</u></b>		<b>Basima A. A. Al-Hadi</b>	
<b>Time</b>	<b>Paper Id</b>	<b>Author</b>	<b>Title</b>
13:45-13:50	ICC-A0620	Khalid Farouq Al-Rawi	Physiological effect of some biochemical parameters in breast cancer patients in different cases of Al-Anbar Governorate.
13:50-14:00	EJCHEM-2106-3874	Marrwa Mowafak Naif	Trimester Specific Thyrotropin Hormone Reference Levels in Nineveh Province, Iraq.
14:00-14:10	EJCHEM-2105-3775	Fatin Natiq Yaseen kassabBashi	Outcomes of Pregnancy in Euthyroid Women with Positive Thyroid Peroxidase Antibodies.
14:10-14:20	EJCHEM-2104-3619	Noor Thair Tahir	Visfatin as a Biomarker of Obesity in Iraqi Adolescents with Metabolic Syndrome.
14:20-14:30	EJCHEM-2106-3867	May Taha Hamid Al wattar	Oil Acids Content Comparison for Some of Aminaceae Family Genera by Gas Chromatography Technique.
14:30-14:35	ICC-A0626	Neam Muzahim Alhafidh	Hormonal Evaluation of Obesity as a Risk Factor for Breast Tumors.
14:35-14:45	EJCHEM-2106-3894	Maha Arshad Hamdi	Determination of Liver Enzymes, Lipid Profile, Tumor Necrosis Factor- $\alpha$ and C-Reactive Protein Concentrations in Women in Toxemia of Pregnancy in Tikrit City.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (12:00-14:00)



### Session Theme: Biochemistry

Thursday, June 24<sup>th</sup>, 2021

Hall No. 1

<b><u>Session Chair:</u></b>		<b>Prof. Dr. Thikra A. Allwsh</b>	
<b><u>Session Co. Chair:</u></b>		<b>Asst. Prof. Dr. Layla A. Mustafa</b>	
<b><u>E-Meeting Manager:</u></b>		<b>Basima A. A. Al-Hadi</b>	
Time	Paper Id	Author	Title
12:00-12:10	EJCHEM-2106-3916	Lelas Farhan Bdaawi	Evaluation the Role of Hepcidin in Women with Osteoporosis.
12:10-12:20	EJCHEM-2105-3745	Omar Mohammed Hameed	Levels for Total Fucose and Some of Enzymes in Patients with Neurological Diseases
12:20-12:25	ICC-A1126	Mahmoud Ahmed Mohammad Fakhri	Studying of Myeloperoxidase Activity and Relationship with Some Biochemical Parameters in $\beta$ -Thalassemia.
12:25-12:35	EJCHEM-2105-3741	Faehaa Azher Almashhadane	Biochemical Effects of Systemic Sodium Fluoride on Liver and Kidney in Rabbits.
12:35-12:45	EJCHEM-2106-3965	Eman Waleed Hayder	Study of the Metabolic Action of Ghrelin Hormone in Obese Women.
12:45-12:55	EJCHEM-2106-3942	Ruaa Waleed Alramadhany	Study the Level of Arginase Activity and its Correlation with Liver and Kidney Functions for Patients with Type-2 Diabetes in Nineveh Governorate.
12:55-13:00	ICC-A0323	Layla A. Mustafa	Isolation and Study of Prostatic Acid Phosphatase from Serum of Prostate Cancer Patients.





## Session Theme: Biochemistry



**Thursday, June 24<sup>th</sup>, 2021**

**Hall No. 1**

<b><u>Session Chair:</u></b>		<b>Prof. Dr. Thikra A. Allwsh</b>	
<b><u>Session Co. Chair:</u></b>		<b>Asst. Prof. Dr. Layla A. Mustafa</b>	
<b><u>E-Meeting Manager:</u></b>		<b>Basima A. A. Al-Hadi</b>	
<b>Time</b>	<b>Paper Id</b>	<b>Author</b>	<b>Title</b>
13:00-13:10	RJS-2106-1092	Saba Zaki AL-Abachi	Therapeutic Effects of Consumption Zahdi Dates (Phoenix dactylifera) as One Types of Date Fruits in Type 2 Diabetic Patients.
13:10-13:20	EJCHEM-2105-3685	Reem Mohammed Abd Alwahab	Evaluation of Protein Oxidation Parameters in Women with Pregnancy Complications.
13:20-13:30	EJCHEM-2106-3887	Sura Khairialdeen Mohialdeen	Inflammatory Markers in Pre-eclampsia.
13:30-13:40	EJCHEM-2106-3943	Entedhar Rifaat Sarhat	Evaluation of Vimentin and Some Biochemical Parameters in the Blood of Acute myocardial Infarction Patients.
13:40-13:50	EJCHEM-2106-3956	Amel Taha yaseen	The Fasion of Some Mineral Elements in Patients with Stroke.
13:50-13:55	ICC-A0627	Hadeel Mohammed Ahmed	Lycopene promotes bone metabolism.
13:55-14:05	EJCHEM-2105-3748	Ahmed Jasim Nawfal	Hemoglobin A1c And Blood Pressure in Type2 Diabetic Patients.

University of Mosul, College of Science, Chemistry Department



## Session Theme: Biochemistry



**Thursday, June 24<sup>th</sup>, 2021**

**Hall No. 1**

<b><u>Session Chair:</u></b>		<b>Prof. Dr. Thikra A. Allwsh</b>	
<b><u>Session Co. Chair:</u></b>		<b>Asst. Prof. Dr. Layla A. Mustafa</b>	
<b><u>E-Meeting Manager:</u></b>		<b>Basima A. A. Al-Hadi</b>	
<b>Time</b>	<b>Paper Id</b>	<b>Author</b>	<b>Title</b>
14:05-14:15	EJCHEM-2106-3947	Rana F. Jasim	The Relation Between Fibroblast Growth Factor 21 and Insulin Resistance in hyperlipidemia Patients.
14:15-14:25	EJCHEM-2105-3723	Maher A. Ibrahim	Comparison between immunoassay technique and a manual laboratory method for the measurement of sorbitol dehydrogenase (SDH) activity for different types of diabetes in Nineveh governorate.
14:25-14:35	EJCHEM-2105-3835	Su'adod Osama Al-khateeb	The effect of sulfuric eyes on the blood and hormonal components of the people who live near them in the district of Heet.
14:35-14:45	RJS-2106-1096	H.M. Al-Hashemi	Lycopene promotes bone metabolism.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (13:00-14:30)



### Session Theme: Industrial Chemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 2

**Session Chair:** Prof. Dr. Mohammed Almammory

**Session Co. Chair:** Dr. Fadhel K. Dahash

**E-Meeting Manager:** Saba H. Sedeeq

Time	Paper Id	Author	Title
13:00-13:10	EJCHEM-2106-3945	Azad S. Sadraddin	Microwave Synthesis and Characterization of Some Azo-monomers and Their Azo-Polyimides Polymers.
13:10-13:20	EJCHEM-2104-3613	Muayad Albozahid	The Effect of Addition Graphite Filler on Mechanical Properties of Epoxy Material.
13:20-13:30	EJCHEM-2106-3940	Shaymaa Al-Mutlaq	Amelioration of Bitumen Characteristics Via Natural Rubber Latex and Chlorine Gas.
13:30-13:40	EJCHEM-2106-3915	Saba Hazem Sedeeq	Biodiesel Production from Lipidium Sativum L. Seed Oil by Alkali-catalyzed Transesterification with Different Alcohols: Evaluation and Analysis of Biodiesels.
13:40-13:45	ICC-FP0324	Shaymaa A.A. Al-Talebi	Adsorption of Methylene Blue Dye and Lead on activated Iraqi Red Mud: Kinetics and Equilibrium Study.
13:45-13:50	ICC-A0622	Eman Ismael Ahmed	Bio Oil Improves the Rheological Characteristics of Qayiarah Asphalt Modified SBS.
13:50-14:00	EJCHEM-2106-3944	Nizar Jawad Hadi	Experimental and Modelling Study for Polymer Flooding Rheology Towards Enhanced Oil Recovery: A review.





## Session Theme: Industrial Chemistry



Wednesday, June 23<sup>rd</sup>, 2021

**Hall No. 2**

**Session Chair:** Prof. Dr. Mohammed Almammory

**Session Co. Chair:** Dr. Fadhil K. Dahash

**E-Meeting Manager:** Saba H. Sedeeq

Time	Paper Id	Author	Title
14:00-14:10	EJCHEM-2105-3801	Fadhil K.Dahash	Manufacture Shield from nano – rubber Composite to Protection from X – ray radiation.
14:10-14:20	EJCHEM-2106-3971	Falah Dawood Sulaeman	Manufacture of wooden furniture Processor using walnut shell waste.
14:20-14:30	EJCHEM-2106-3883	Wafa Kadhim Essa	Application the Principle of Sacrificial Anodes to Corrosive Cells Created in Different pH Media.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (12:00-14:00)



### Session Theme: Industrial Chemistry

Thursday, June 24<sup>th</sup>, 2021

Hall No. 2

**Session Chair:** Prof. Dr. Assad Fasil

**Session Co. Chair:** Prof. Dr. Abdulrahman B. Fadhil

**E-Meeting Manager:** Saba H. Sedeeq

Time	Paper Id	Author	Title
12:00-12:10	EJCHEM-2104-3613	Salih Abbas Habeeb	A Compressive Review on Swelling Parameters and Physical Properties of Natural Rubber Nano composites.
12:10-12:20	EJCHEM-2105-3802	Fadhil Ketab Dahash	Effect of TiO <sub>2</sub> on the mechanical Properties of natural rubber (NR) and X-ray penetration resistance.
12:20-12:30	EJCHEM-2105-3805	Nehaya Jameel Thamer	The Effect of SAP Polymer on The Properties of Concrete.
12:30-12:40	EJCHEM-2106-3962	Zainab Nayef Mageed	Study of the photostabilization of polystyrene in the presence and absence of benzoxazin derivatives.
12:40-12:50	EJCHEM-2105-3814	Sara Khalid Saeed	Functionalizing of Waste Tire Rubber with Active Functional Groups.
12:50-13:00	EJCHEM-2106-3927	Huda Abdul Razzak Younis	The effect of the double doping on the electrical properties of polyaniline.
13:10-13:20	EJCHEM - 2106-3868	Wisam Okash Toamah	Removing Crude Oil from Water by Activated Carbon Prepared from Dried Papyrus Plant.
13:20-13:25	ICC-A0225	Nehaya Jameel Thamer	Study the effect of adding a super absorbent polymer on the elastic modulus of concrete.
13:25-13:30	ICC-A0222	Sami D. Salman	Adsorption of Phenolic compound using Eichhornia activated carbon.



## Presentation Sessions (13:00-14:30)



### Session Theme: Analytical Chemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 3

Session Chair: Prof. Dr. Dhyaa Al-Sabha

Session Co. Chair: Prof. Dr. Salim Ali

E-Meeting Manager: Dr. Imad Y. Hasan

Time	Paper Id	Authors	Title
13:00-13:10	RJS-2106-1091	Fatimah Yunadi Mohammed Ismail	Spectrophotometric Determination of Chloramphenicol by Oxidative Coupling Reaction with Naphthalene-1,5-diamine in the Presence of Potassium Iodate.
13:10-13:20	EJCHEM-2105-3749	Amina M.Abass	Potentiometric determination of fexofenadine hydrochloride drug by fabrication of liquid membrane electrodes.
13:20-13:30	EJCHEM-2105-3750	Ayad Kadhim Fadhil	A Comparative review of methods for estimation of some drugs in Pharmaceutical Production.
13:30-13:40	EJCHEM-2105-3811	Dashty khasraw Ali	Second and Third Derivative Spectrophotometric Determination of Liothyronine and Thyroxine in Human Serum.
13:40-13:45	ICC-A0423	Ahmed Aqeel Mohmmmed	The functional monomers allyl chloride and acrylamide were used to determine lead using atomic absorption spectroscopy based on Molecularly Imprinted Solid-phase.
13:45-13:55	EJCHEM-2106-3848	Hana Shuker Mahmood	Determination of Loperamide in Pharmaceutical Formulation by Using Oxidative - Coupling Reaction In The Presence of Potassium Dichromate.





## Session Theme: Analytical Chemistry



Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 3

**Session Chair:** Prof. Dr. Dhyaa Al-Sabha

**Session Co. Chair:** Prof. Dr. Salim Ali

**E-Meeting Manager:** Dr. Imad Y. Hasan

Time	Paper Id	Authors	Title
13:55-14:05	RJS-2105-1088	Dheyaa Thamer Azeez	Development of Spectrophotometric Method to Assay Sulfadiazine in Pure and in Pharmaceutical Dosage form through Diazotization and Coupling Reaction.
14:05-14:15	EJCHEM-2106-3852	Chnar Mohammed Rasheed	Hollow Fiber Nano Membrane as Liquid Phase Microextraction for Determination of enrofloxacin in Chicken Tissues.
14:15-14:25	EJCHEM-2106-3967	Fatma M. Jabar	Spectrophotometric Determination of Salbutamol and Terbutaline using 9-Chloroacridine Reagent.
14:25-14:35	EJCHEM-2106-3892	Hassan Noori Mohsen	Synthesis and adsorption characteristics of ionic imprinted polymers IIPs for removal and preconcentration of Nickel from aqueous solution.
14:35-14:40	ICC-A1221	Tamathir Abbas	Spectrophotometric Determination of Cobalt(II) with Mordant Blue 9-Application to Vitamin B12 (Injections and Powder).
14:40-14:45	ICC-A0528	Ahlam Ahmed Shehab	Spectrophotometric Determination of Carvedilol via Oxidation and Bleaching Colour of Methyl Red.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (12:00-14:00)



### Session Theme: Analytical Chemistry

Thursday, June 24<sup>th</sup>, 2021

Hall No. 3

**Session Chair:** Prof. Dr. Nabeel S. Othman

**Session Co. Chair:** Prof. Dr. Najih H. Shekho

**E-Meeting Manager:** Dr. Imad Y. Hasan

Time	Paper Id	Authors	Title
12:00-12:10	EJCHEM - 2105-3791	Firas Hassan Awad	Spectrophotometric Determination of Doxycycline Via Oxidation Reduction Reactions.
12:10-12:20	EJCHEM - 2106-3937	Abdulhameed Mustafa Azeez	Determination of ketoprofen in tablet dosage forms by derivative IR spectroscopy.
12:20-12:30	EJCHEM - 2106-3969	Aveen Faidhalla Jalal	Synthesis and Characterization of Green Fe <sub>3</sub> O <sub>4</sub> Nanoparticle Using the Aqueous Plant Extract of Gundelia Tournefortii L.
12:30-12:40	EJCHEM - 2106-3919	Thura Zeyad Fathullah Al-Sarraj	A Green Indirect Spectrophotometric Estimation of The Analgesic Naproxen In The Existence Of The Another Analgesic Paracetamol.
12:40-12:50	EJCHEM - 2106-3964	Hashim Jaafar Abdullah Ahmed	Development and Validation CFIA / MZ System as a Green Method for Spectrophotometric Determination of D-Penicillamine Thiol Drug in Pure Form, Urine and Pharmaceuticals Using Sodium NQS as Organic Analytical Agent in Basic Medium.
12:50-13:00	EJCHEM - 2106-3964	Mahasin Abdulrhman hussein	Indirect Spectrophotometric Estimation of Ciprofloxacin Hydrochloride in Pharmaceuticals using N-Bromosuccinimide and Methylene Blue dye.



## Session Theme: Analytical Chemistry



Thursday, June 24<sup>th</sup>, 2021

Hall No. 3

**Session Chair:** Prof. Dr. Nabeel S. Othman

**Session Co. Chair:** Prof. Dr. Najih H. Shekho

**E-Meeting Manager:** Dr. Imad Y. Hasan

Time	Paper Id	Authors	Title
13:00-13:10	EJCHEM - 2106-3952	Hassan Noori Mohsen	Ionic imprinted polymers IIPs to determination Vanadium (IV) ion in Crude and Fuel Oil.
13:10-13:20	EJCHEM - 2104-3613	Salih Abbas Habeeb	A Compressive Review on Swelling Parameters and Physical Properties of Natural Rubber Nano composites.
13:20-13:30	EJCHEM - 2105-3817	Enas amouri hadi	Preparation and characterized study of new molecularly imprinted polymers for determination Cocaine by GC-Mass based on different Functional Monomers.
13:30-13:40	EJCHEM - 2105-3728	Hiba Abd Al-Salam Mohamed. Alhfidha	Application of the Cloud Point Extraction Method in Spectrophotometric Estimation of Esomeprazole using Diazotised p-Nitroaniline and Triton X -114.
13:40-13:50	EJCHEM - 2106-3880	Ikhlass thanoon saleem	Spectrophotometric Estimation of Carvedilol Via Schiff's base Reaction With 4-Hydroxybenzaldehyde.
13:50-14:00	EJCHEM - 2106-3907	Rabee M. Ali	Spectrophotometric Determination of Metoclopramide Hydrochloride in Pharmaceutical Preparations Via Schiff 's Base Reaction.

University of Mosul, College of Science, Chemistry Department





## Session Theme: Analytical Chemistry



Thursday, June 24<sup>th</sup>, 2021

Hall No. 3

**Session Chair:** Prof. Dr. Nabeel S. Othman

**Session Co. Chair:** Prof. Dr. Najih H. Shekho

**E-Meeting Manager:** Dr. Imad Y. Hasan

Time	Paper Id	Authors	Title
14:00-14:05	ICC-A0081	Basima A.A.Saleem	Estimation of Famotidine Medication Using Rhodamine 6G Dye.
14:05-14:10	ICC-A0044	Sahbaa Y. Majeed	A New Colorimetric Methods for the Determination of Furosemide in Pharmaceutical Dosages Form.
14:10-14:15	ICC-A0019	Afyaa M. Younus	Determination of Atenolol in pharmaceutical preparations using an indirect spectrophotometric method.
14:15-14:20	ICC-A0094	Fayhaa K. al-Jarah	Spectrophotometric Determination of Amlodipine in Pure Form and Pharmaceutical Formulations.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (13:00-14:30)

### Session Theme: Organic Chemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 4

**Session Chair:** Prof. Dr. Adnan O. Omer

**Session Co. Chair:** Asst. Prof. Moayed S. Al-Jawady

**E-Meeting Manager:** Enas S. Thanoon

Time	Paper Id	Authors	Title
13:00-13:10	EJCHEM-2106-3950	Bassam Faisal Slaw	Synthesis and Characterization of Some New Hydrazones Containing 1,2,4-Triazole Moiety.
13:10-13:20	EJCHEM-2105-3793	Amal F. Al-Dulaimi	Co-Crystals for Improving Solubility and Bioavailability of Pharmaceutical Products.
13:20-13:30	EJCHEM-2106-3949	Ahmed Abdull-Jabbaar Mahmood	Synthesis, antioxidant and antimicrobial activities for new 4,4'-methylenedianiline amid compounds.
13:30-13:40	EJCHEM-2106-3951	Saad Salem Jasim	Synthesis and Antibacterial Evaluation of Some Bis-Pyrazole Derivatives.
13:40-13:50	EJCHEM-2105-3754	Jassim Abdalrazaq Jassim	Multicomponent Wittig Reaction as Simple and Efficient Method for Synthesis of New Tri Substituted Pyrroles Under Catalytic Phosphine Mediated.
13:50-14:00	EJCHEM-2105-3844	Mohammed Ahmed Al-Iraqi	Synthesis of Some 2-Substituted Quinazolin-4(3H)-one Compounds from Methyl $\alpha$ -[(4-oxoquinazolin-2-yl)thio]acetate.
14:00-14:05	ICC-A0629	Zina Kalid Yahya	Synthesis of some new Heterocyclic compounds derived from Bis-Chalcones.



## Presentation Sessions (12:00-14:00)



### Session Theme: Organic Chemistry

Thursday, June 24<sup>th</sup>, 2021

Hall No. 4

**Session Chair:** Prof. Dr. Faris T. Abachi

**Session Co. Chair:** Asst. Prof. Dr. Shaymaa K. Younis

**E-Meeting Manager:** Enas S. Thanoon

Time	Paper Id	Authors	Title
12:00-12:10	EJCHEM-2106-3905	Maysaa Khairulden Shakir Al-Mala Khder	Synthesis of New Heterocyclic Compounds Derived from Ortho-Carboxybenzaldehyde.
12:10-12:20	EJCHEM-2106-3924	Dr. Jasim Ali Abdullah	Synthesis of Some Imidazolidinone Compounds Under Phase Transfer conditions and photo cleavages Studies of Molecular for These Compounds.
12:20-12:30	EJCHEM-2106-3957	Enas Abdulqader Altaee	Synthesis and Reactions of 4-(Bromomethyl)but-2-enolide With Some Schiff Bases.
12:30-12:40	EJCHEM-2105-3842	Salim J. Mohammed	Using Microwave and Ultrasound to synthesize of substituted Bis-acylhydrazone derivatives.
12:40-12:45	ICC-A0920	Mariam Fawzi Habeeb	Synthesis and characterization of some new schiff bases derived from amino acridon and bioassay biological activity.
12:45-12:55	EJCHEM-2105-3758	Hala shkyair lihumis	Synthesis and Identification of Some New Heterocyclic Compounds for Mesalazin Drug Derivatives with Evaluating of Their Biological Efficiency and Anti-oxidant Activity.





## Presentation Sessions (13:00-14:30)

### Session Theme: Inorganic Chemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 5

**Session Chair:** Prof. Dr. Widad T. Al-Kattan

**Session Co. Chair:** Asst. Prof. Dr. Mohammed Jasim

**E-Meeting Manager:** Afyaa M. Younus

Time	Paper Id	Authors	Title
13:00-13:10	EJCHEM-2106-3876	Shaimaa Hammad Hafidh	Characterization and biological effectiveness of synthesized complexes of Palladium (II) from imine compounds.
13:10-13:20	EJCHEM-2106-3856	Qusay Husam Aziz	Synthesis Antibacterial Activity and DFT Calculation of Co(II) and Ni(II) Schiff Bases Complexes Derived From Acenaphthenequinone and phenylendiamine.
13:20-13:30	EJCHEM-2105-3774	Faris subhi Al alsultan	Preparation, Spectral Characterization, DFT and Antibacterial of New Azo Ligand Derived from 2-aminoanthracene-9,10-dione With Antipyrine Mixed Ligand Complexes involving 1,10-phenanthroline ligand.
13:30-13:40	EJCHEM-2105-3815	Eman Mohammad Salih	Synthesis and Characterization of Some Transition Metal Complexes with Bis(o-aminophenyl)Disulfide Alkane Ligands.
13:40-13:50	EJCHEM-2106-3963	Sahbaa Ali Ahmed	Synthesis, Characterization, DFT, and Antibacterial Evaluation of Some Complexes Derived from (4-Hydroxy-2-methoxybenzylidene) amino)-Antipyrinyl with Serine Amino Acid Ligand.



## Session Theme: Inorganic Chemistry



Wednesday, June 23<sup>rd</sup>, 2021

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Time	Paper Id	Authors	Title
13:50-14:00	EJCHEM-2106-3953	Jassim M Alyass	Preparation and characterization of some new complex salts of Cr(III), Fe(III), Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) ions with tetra propyl ammonium iodide.
14:00-14:10	EJCHEM-2106-3968	Amenah A. Alfares	Synthesis and Characterization of Mn(II), Co(II), Ni(II), Cu(II) and Zn(II) complexes with 2-Carboxy benzaldehyde Aroylhydrazones.
14:10-14:20	RJS-2106-1094	Kawakib Abdul-Aziz Mohammed	Preparation and Investigation of Some Substituted Thiazole Complexes with Divalent and Trivalent Metals.
14:20-14:25	ICC-A1027	Esraa A. Alshakarchi	Synthesis and characterization of new complex salts of some Transition Metals with Indolium salts.

University of Mosul, College of Science, Chemistry Department



## Presentation Sessions (13:00-14:30)

### Session Theme: Physical Chemistry

Wednesday, June 23<sup>rd</sup>, 2021

Hall No. 6

**Session Chair:** Prof. Dr. Rabah Ali Khalil

**Session Co. Chair:** Asst. Prof. Dr. Omer A. Shareef

**E-Meeting Manager:** Mohammed Adnan

Time	Paper Id	Authors	Title
13:00-13:05	ICC-A1226	Aeysha Sultan	Preparation and Evaluation of Various Silica Supported Heterogeneous Catalysts for Synthesis of Chalcones.
13:05-13:10	ICC-A0523	Amita Kumari	Prediction of QSAR Models for Water Solubility of Organohalogen Compounds using Topological and Physio-chemical Parameters.
13:10-13:15	ICC-A0920	Maryam Khoshtinat Nikoo	Effect of Argon on Methane Dry Reforming Using Dielectric Barrier Discharge.
13:15-13:25	EJCHEM-2106-3929	Mohammed Saud Al-Rasheed	White Portland cement as an amazing additive for treatment the weak points of local construction gypsum.
13:25-13:35	EJCHEM-2106-3857	Zahraa N. Salman	Study The Rheological and Optical Properties of Nickel Ferrite/Pmma Nano- Composite Growth in Crude Oil Via Laser Ablation.
13:35-13:45	EJCHEM-2104-3617	Fadhel Ibrahim	Estimation of Trimethoprim by using a New Selective Electrodes dependent on Molecularly Imprinted Polymers.





## Session Theme: Physical Chemistry



**Wednesday, June 23<sup>rd</sup>, 2021**

**Hall No. 6**

<b><u>Session Chair:</u></b> <b>Prof. Dr. Rabah Ali Khalil</b>			
<b><u>Session Co. Chair:</u></b> <b>Asst. Prof. Dr. Omer A. Shareef</b>			
<b><u>E-Meeting Manager:</u></b> <b>Mohammed Adnan</b>			
Time	Paper Id	Authors	Title
13:45-13:50	ICC-A1224	Ammar A. Ibrahim	Computational Chemistry for Docking of Ten Drugs Compounds with Alanine.
13:50-14:00	EJCHEM-2105-3734	Saddam Mohammed Al-Mahmoud	Adsorption of Tetracycline Antibiotic from Aqueous solutions using Natural Iraqi Bentonite.
14:00-14:10	EJCHEM-2105-3718	Ammar A. Ibrahim	Theoretical, Voltammetric and Thermodynamic study for Cadmium(II)-Tyrosine Complex at 293-313 K.
14:10-14:15	ICC-A0723	Eman Abdel Aziz	QSAR Study Using DFT for Some Biologically Active Compounds Derived from (E)-N-(CH <sub>3</sub> -substituted-phenyl)-1-Phenylmethanimine.

University of Mosul, College of Science, Chemistry Department



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