

Democratic and Popular Algerian Republic
Ministry of Higher Education and Scientific
Research



Setif 1 University Ferhat ABBAS
Faculty of Medicine, Department of Pharmacy
Laboratory of Investigation and Research
Specialized in Health, Environment and
Innovation
Algerian Chemical Society
Faculty of Sciences, Chemistry Department of
Mansoura University Egypt
Organize:
1st International Seminar on the Interest of
Chemistry in the Development of Medical
Sciences (SIICDSM2025) 04-09/05/2025

TOPICS

1. Educational approach to chemistry in medical formation
2. Contribution of chemical pioneers in the medical field
3. Applications and impact of chemistry in medical sciences (organic, mineral, chemistry-physics, macromolecular chemistry and electrochemistry)
4. Advances in food chemistry
5. Advances in chemistry in the fight against cancer

6. Chemistry in the service of biological diagnosis

7. Chemistry in the service of toxicology

Call for communication

Objects

Chemistry occupies a central place in medical sciences on several levels. In drug development: A thorough understanding of the chemistry of organic and inorganic compounds is necessary to design, develop and manufacture drugs. Pharmacology is the study of how drugs affect living organisms. Chemistry is used in this discipline to understand how drugs work, their absorption, distribution, metabolism and elimination, and their effects on biological systems. Many medical diagnostic tests, such as blood tests, urine tests, and genetic tests, use chemical techniques to detect and measure specific substances in the human body. For example, chemical techniques such as mass spectrometry and chromatography are used to locate and quantify disease biomarkers. Medical imaging: In disease diagnosis, imaging techniques such as magnetic resonance imaging (IRM) and positron emission tomography (TEP) use chemical contrast agents to improve visualization of tissue and internal organs. Gene and cell therapies are innovative therapies that treat diseases by genetically modifying the patient's cells or using stem cells to regenerate damaged tissues through advances in organic chemistry and biotechnology. In summary, chemistry is essential to the research, diagnosis, treatment and understanding of diseases in the medical field. Its role is present in various medical disciplines and continues to be crucial to advances in fighting disease and improving health care. As it has always been said "Chemistry is the mother of all specialties", in this context and to

better understand the usefulness and importance of chemistry in medical sciences, the laboratory (LIRSSEI) of the Faculty of Medicine of UFAS 1 and in collaboration with the ACS (SAC) and other universities took the initiative to organize this seminar.

Notes to authors

Summaries can be written in Arabic, French or English and sent by email. They must be presented according to the following instructions: TITLE (14, Bold, Times)
A. Author a, B. Author b,...
Affiliation 1, Address, email...
Affiliation 2, Address, email...
The summary must be written on an A4 page (21 x 29.7 cm) with a margin of 2.5 cm on each side in Times New Roman font size 12. The text must be justified on the right and left with single spacing. The title (Times New Roman, 14) in bold and capital letters. The names of the authors (Times New Roman, 10), emphasizing the name of the author who will present the work. Affiliations in italics (Times New Roman, 10).

Secretariat

Melle GUETTA Leila Faculty of Medicine Setif
1 University, City El-Bez Setif (19000) - Algérie
**Tél/fax : +(213) 36620034;
00213777156810**

<http://www.univ-setif.dz> . siicdsm32@gmail.com;
<https://events.univ-setif.dz/event/10/overview>

Organization committee

Honorary President: Pr Mohamed El Hadi LATRECHE: Rector of Ferhat ABBAS University - SÉTIF 1

Honorary Vice-Presidents:

- Pr S. LAOUAMRI : Doyen de la Faculté de Médecine.
- Pr S. BENBOUDIAF : Chef de Département de Pharmacie.

President: Pr. A. FLILISSA

Vice-President Pr A.L. BAHLOULI (U.Sétif 1)

- Pr A. AMRANE(U.Séti 1)
- Pr I. OUAHAB(U.Sétif 1)
- Pr L. BECHKI(U. Ouargla)
- Pr M. SAIDI (U. Ouargla)
- Pr M. HADJADJ (U. Ouargla)
- Pr S. BENBOUDIAF (U.Sétif 1)
- Pr N. BOUMAZA(U.Sétif 1)
- Pr S. CHERMAT(U.Sétif 1)
- Pr I. ADOUANI(U.Sétif 1)
- Pr N. HANNACHI(U.Sétif 1)
- Pr E BENTOUHAMI (U.Sétif 1)
- Pr L. Z. ADIMI(U.Sétif 1)
- Pr A. ADDALA (U.Sétif 1)
- Pr F. ABBACEN (U.Sétif 1)
- Pr N BOULACHEB (U.Sétif 1)
- Pr M. N. KAARAR (U.Sétif 1)
- Pr A. KERDOUN (U. Ouargla)
- Pr F. BOUCHALA (U.Sétif 1)
- Dr I. RAHMANI (CAC Sétif)
- Dr K. ACHOURI(U.Sétif 1)
- Dr A. KEDARI (U.Sétif 1)
- Dr Y. DJABBAR (U.Sétif 1)
- Dr A.CHIKHE (U.Sétif 1)
- Dr K. LAOUAMEUR (U.Sétif 1)
- Dr A. KHABABA (U.Sétif 1)
- Dr. BOUNAAS (U.Sétif 1)
- Dr O. FLILISSA(CHU Kouba)
- Mme L.GUETTAF(U.Sétif 1)
- SAMT (Société Algérienne de Médecine de Travail)
- Elite Nationale Des Sciences Médicales

Scientific Committee

President: Pr. M. AMRANE (U. Sétif 1)
Vice-President Pr L. BECHKI (U. Ouargla)
 Pr A.L BAHLOULI (U. Sétif 1)
 Pr S. LAOUAMRI (U. Sétif 1)
 Pr N. MOSBAH (U. Sétif 1)
 Pr A. FLILISSA (U. Sétif 1)
 Pr M.L. BELFAR (U. Ouargla)
 Pr M. AMARA (ENSN Sidi abdalla)

Pr T. LANEZ (U. Eloued)
 Pr. S. KHATABI (U. Sétif 1)
 Pr S. TOUABTI (U. Sétif 1)
 Pr A. KHANCHOUCHE (U. Sétif 1)
 Pr S. BENBOUDIAF (U. Sétif 1)
 Pr M. ELKOLLI (U. Sétif 1)
 Pr I. OUAHAB (U. Sétif 1)
 Pr H. ZOUBIRI (U. Sétif 1)
 Pr A. ADDALA (U.Sétif 1)
 Pr F. DJARBOUA (U. Sétif 1)
 Pr D. BENACHOUR (U. Sétif 1)
 Pr F. DJABI (U.Sétif 1)
 Pr M. BOUTAHALA (U.Sétif 1)
 Pr S. KHENOUF (U. Sétif 1)
 Pr H. LAOUER (U. Sétif 1)
 Pr K. MANSOURI (CHU, ALGER)
 Pr A. MAIZA (L. Salem Sétif)
 Pr R. DJIDJIK (Faculté de Pharmacie ALGER)
 Pr A.OUYAHIA (U. Sétif 1)
 Pr N. HANNACHI (U.Sétif 1)
 Pr H. HABA (U. Batna1)
 Pr D. HARZALAH (U. Sétif 1)
 Pr S. I. MOSTAFA (U. Mansoura EGYPT)
 Pr A.El-Sied FOUDA (U. Mansoura EGYPT)
 Pr A DARCHEN (U. Rennes 1 FRANCE)
 Pr A. AMRANE (U. Rennes 1 FRANCE)
 Pr D. HAUCHARD (U. Rennes 1 FRANCE)
 Pr TJ. HANG (CPU ,China)
 Pr Pr. NOHAD ABDEULWAHHAB AL-OMARI (Faculty of Pharmacy IRAQ)
 Pr M. HAMIDOUCHE (U. Sétif 1)
 Pr N. GHAFOR (king ABDELLAH U. SAUDI ARABIA)
 Pr Morcy Amin ABU-YOUCF (Alexandria U. EGYPT)
 Pr Ahmed Fahmy A.YOUCF (Cairo University EGYPT)
 Pr M. SELLAMI (Senior Official Director Presidency)
 Pr N. BOULAACHEB (U. Sétif 1)
 Pr S. CHERMAT (U. Sétif 1)
 Pr M.N.KAARAR (U.Sétif 1)
 Pr F. ZOUAI (U. Sétif 1)
 Pr N.LAMDAOUI (U.Sétif 1)
 Pr I. ADOUANI(U.Sétif 1)
 Pr M. DJENNAD (U. Mostaganem)
 Pr F. BOUCHALA (U.Sétif 1)
 Pr L. Z. ADIMI(U.Sétif 1)
 Pr N. BOUTRID (U.Sétif 1)
 Pr A. BOUDIS (Fac de pharmacie Alger)

Pr F. DJELOULI (USTHB)
 Pr K. BIYAZ (USTHB)
 Pr N. ABBASSEN (U.Sétif 1)
 Pr M. YOUSFI (U. Laghouat)
 Pr B. BENARBA (ATRSSV Oran)
 Pr Z. KABOUCHE U. Constantine 3)
 Pr M.F.ABOUEL-NOUR HEGAZY (U.Mansoura Egypt)
 Pr W. M. SAAD MOHAMED (U. Damietta Egypt)
 Pr M. HAROUN (U.Sétif 1)
 Pr F. ZAIDI (U.Sétif 1)
 Pr W. SOBHI (Centre de Biotechnologie Constantine)
 Pr M. BENTOUHAMI (U.Sétif 1)
 Pr T BOUKAZOULA (U.Sétif 1)
 Pr Dj ADJIRI (U.Sétif 1)
 Pr Z. BOUHADADJA (U.Sétif 1)
 Dr A. MAAROUF (U.Sétif 1)

Important dates

- Deadline for abstract submissions:
February 10th 2025
- Notification of acceptance of abstracts:
February 25th 2025
- Confirmation of participation :
March 30th 2025

Program

- Plenary conferences
- Oral communications
- Poster communications
- Workshops (*Docking moléculaires, Biologie moléculaire et séquençage, Maitrisez la technique ELISA , La métabolomique et son rôle dans la médecine de précision, SPSS, Gestion des produits chimiques , How to succeed your LC-MS/MS analysis in amino-acidopathies, Optimisation des tests phénotypiques grâce à la bioinformatique, Extraction des acides nucléiques et initiation a la technique PCR , Validation des méthodes analytiques : critère de qualité.....*)

Analysis of lithiasis)

Nam :
First name:
University/Society :
Département :
Tel :Fax :
E-mail :
Communication Title :
Communication: ☐ Oral ☐ Poster
Topics: 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐
Registration fees ☐ Doctorant: 5000 DA ☐ Teacher : 10000 DA ☐ other : 12000 DA ☐ Stranger : 200 Euro
NB. The registration fee for speakers covers admission to all seminar sessions and catering except workshops.

Bulletin to be returned with the summary to the secretariat by E-mail or on the seminar platform no later than **February 10th 2025**

