



Profil

Nationality: Algerian

Date of birth : September 23,1993

Place of birth: Sidi Aich , Bejaia ,Algeria

Disciplines

- Food engineering
- Pharmaceutical engineering
- Industrial Chemistry
- Bioengineering
- Encapsulation technology and nanotechnology
- Analytical Method Development and Validation

Contact



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TAOUZINET Lamia

Dr. In Processes engineering

Education



2017-2021

Doctorat Bejaia University, Algeria

Specialty : Processes engineering

Theses: vitamin E Encapsulated in cyclodextrines , liposomes and PEG. Application in animals sperm cryopreservation

2015-2017

Master Bejaia University, Algeria

Specialty : Processes engineering

Option: chemical engineering

2012-2015

Licence Bejaia University, Algeria

Spécialité : Processeses engineering

2011-2012

General Secondary Education Certificate – Seddouk

Secondary School , Bejaia

Sector: Sciences



Experience Pro.

2022-

In Progress

Researcher, Centre de recherche en technologies agro-alimentaires (CRTAA), Bejaia , Algeria

2021-2022

Supervisor- Master's Thesis ,

Specialty: Processes engineering, **Bejaia University**

Option: Pharmaceutical engineering

Topic 1: Sodium alginate as an encapsulation system of *Rosmarinus officinalis* essential oil

Specialty: Pharmaceutical Chemistry, **Mouloud Mammeri University, Tizi-ouzou**

Topic 2: Study and optimization of the synergistic effect of vitamin C and vitamin E (encapsulated or alone) on the sperm conservation

2021-2022

Temporary teacher in Bejaia University

Practical work on Numerical methods (Matlab)

Practical work on the production of dry drugs

2020-2021

Temporary teacher in Bejaia University

Practical work on the production of dry drugs

2020-2021

Co-Supervisor- Master's Thesis, Bejaia University

Specialty: Pharmaceutical engineering

Topic : Comparative study of different Processes of encapsulation of vitamin E and cholesterol and their effects on spermatoc conservation

2020-2021

Co-Supervisor- Master's Thesis , Bejaia University

Specialty: Processes engineering

Option: Food engineering

Topic 1: Optimization and characterization of an industrial dairy preparation (yogurt brew)

Topic 2: Optimization of an industrial dairy preparation "RAIB" based on milk powder by applying the experimental design Box-Bennken at the industry "HAMMADITE

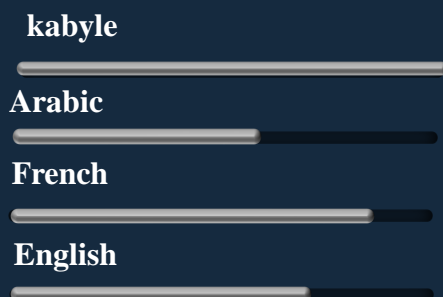
Professional skills

- Equipment and techniques of characterization (HPLC, UV, IR, SAA, laser granulometry).

Personal skills

- Creative spirit
- Reliable and professional
- Organized
- Time management
- Team player
- Fast learner
- Motivated

Languages



2020-2021

Co-supervision undergraduate , Bejaia University

Specialty : Processes engineering

Topic 1 : Tablets manufacturing

Topic 2 : Vaccines and vaccination

Topic 3 : Pharmaceutical form study : tablets

Teacher: Debbih cherif high school, Akbou, Bejaia, Algeria

Physics

From
21-03-2021

To
19-04-2021

2020

Formation Researcher Academy On Campus

The Article Publishing Processes: An Elsevier Author Workshop (En ligne)

2019-2020

Co-Supervisor- Master's Thesis, Bejaia University

Specialty: Processes engineering

Option : Pharmaceutical engineering

Topic: Use of cyclodextrins, liposomes and PEG to improve the solubility of hydrophobic active ingredients.

2019-2020

Co-supervision undergraduate, Bejaia University

Specialty : Processes engineering

Topic : Chloroquine Vs Coronavirus

2019-2020

Temporary teacher ,Bejaia University.

Practical work in biochemistry

2019

Training in Bejaia University, The choice of scientific journals for the publication of scientific articles and copyright.

2019

Associated member in research project PRFU D00L05UN060120190001: Improvement of the solubility of poorly soluble active ingredients using cyclodextrins, solid dispersions and liposomes. **Bejaia University**

2018-2019

Co-Supervisor- Master's Thesis , Bejaia University

Specialty: Processes engineering

Option: Pharmaceutical Engineering

Topic : Formulation and characterization of complexes and liposomes of vitamin E and study of their impacts on the conservation of bovine semen.

2018-2019

Co-supervision undergraduate, Bejaia University

Specialty : Processes engineering

Topic : The modified release tablets

2018-2019

Temporary teacher in Bejaia University

Practical work on the production of dry drugs

2018-2019

Temporary teacher in Bejaia University

Practical work in fermentative engineering and bio transformation

2018

Training RUDN University, Moscow, Russia
Smart Agriculture" event

2015

Practical training in Tchin Milk 'Candia', laboratory. Bejaia. Algeria

Data Processsing

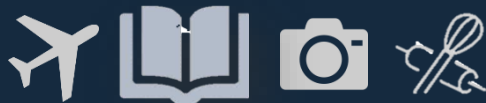
Microsoft tools

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint

Software

- CASA (computerized seed analyzer)
- Mendeley (bibliographic management software)
- Zotero
- MOOD
- JMP
- ChemDraw
- Matlab
- Pascal
- ASPEN
- Image J

Hobbies



Scientific Events

2022

Second international congress on biological and health sciences 24-25-26-27 February 2022(webinar)

2021

Séminaire National Hybride - La Biotechnologie au Service de l'Innovation -La Faculté des Sciences de la Nature et de la Vie December 08-09, 2021 (Poster)

2021

1st National Seminar in Processes Engineering SNGP 2021 October 18-19, 2021 (Oral)

2021

International Seminar on Natural and Life Sciences online (webinar), organized by **International**

2020

Journal of Human Settlements on February 19-20, 2021
1er biopharm scientific annual meeting BSAM1, Alger, Mars,12, 2020 (Poster)

2019

National seminar on biodiversity, medical biology and environmental ecotoxicology October 2019 , Skikda (Poster)

2019

3rd international Conference on Traditional Medicine, Pharmacy and Pharmaceutical Sciences , July 22-24,2019 , Rome , Italy (Oral)



Publications

2022

International Publication CryoLetters
Drug Release, Stability And Efficiency Of Vitamin E Loaded In Liposomes For Bovine Sperm Protection In Cryopreservation Medium

2022

National Publication Biopolymer Applications Journal
Stability ring lactone study of camptothecin and irinotecan in artificial media and Human plasma

2022

National Publication Biopolymer Applications Journal
Development and validation of high-performance liquid chromatography assay method for simultaneous determination of Caffeic acid, Vanillin, and Cinnamic acid in Algerian propolis extract

2022

International Publication Materials Today: Proceedings
Mathematical modeling of transdermal drug delivery using microneedle

2022

International Publication Materials Today: Proceedings
Drug release and sperm motility protection studies of vitamin E encapsulated in liposome, cyclodextrin or polyethylene glycol

2021

International Publication CryoLetters
Encapsulation nanotechnology in sperm Cryopreservation: systems preparation methods and antioxidants enhanced delivery. Review

2020

International Publication Drug Delivery Letters
Alpha Tocopherol Loaded in Liposome: Preparation, Optimization, Characterization and Sperm Motility Protection

2020

International Publication Current Drug Delivery
The Use of Cyclodextrin or its complexes as a potential treatment against the 2019 novel coronavirus. A mini-review

2020

International Publication Biomedical Chromatography
Development and validation of HPLC method for simultaneous quantification of alpha-tocopherol (free or encapsulated) and cholesterol in semen cryopreservation media

2020

International Publication Anti-Cancer Agents in Medicinal Chemistry ,New Formulation and Evaluation of Camptothecin Encapsulated and/or Dispersed Suppository