



Fatine AISSANI

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Date of birth: 29/04/1992 **Nationality:** Algerian

DIGITAL SKILLS

My Digital Skills

Computer use | Microsoft Word, Microsoft excel, Microsoft power point, Mendeley, Zoom|

EDUCATION AND TRAINING

[2010 – 2013] **Bachelor's in Biochemistry and Molecular Biology**

University 8 Mai 1945, Guelma, Algeria

Address: Guelma, 24000, Algeria

First Class honors in Bachelor's degree

[23/09/2013 – 07/06/2015] **Master in Molecular and Cellular Biology, option: Molecular Biology of Prokaryotic**

University 8 Mai 1945, Guelma, Algeria

Address: Guelma, 24000, Algeria

First Class honors in Master's degree

[23/11/2016 – 30/01/2022] **Doctor in Applied Biochemistry**

University 8 Mai 1945, Guelma, Algeria

Address: Guelma, 24000, Algeria

Final grade: Doctor

Thesis: Phytochemical characterisation, biological and toxicological valorisation of different extract from the Algerian *Sonchus oleraceus L.*

[08/11/2021] **Publishing Academic Books with Springer Nature, AD Webinars**

Address: Online.

[26/09/2021 – 30/09/2021] **1er Cours de l'Institut Pasteur d'Algérie en Expérimentation Animale et Animaux de Laboratoire**

Institut Pasteur d'Algérie

Address: Algiers, Algeria

[23/07/2021] **Coursera course about 'Everyday Chinese Medicine'**

Online non-credit course authorized by The Chinese University of Hong Kong and offered through Coursera d'Algérie

Address: Online.

[30/11/2019 – 23/07/2020] **Trainee at Università Degli Studi di Salerno, Italy**

Long-term scholarship from the Ministry of Higher Education and Scientific Research of Algeria

Address: Salerno, Italy

[29/12/2018 – 01/05/2019] **Trainee at the Intergative Pharmacogenomics Institute (iPROMISE), Universiti Teknologi Mara 'UiTM', Selangor, Malaysia**

Short-term scholarship from University 8 Mai, Guelma, Algeria

Address: Selangor, Malaysia

[01/09/2018 – 29/11/2018] **Trainee in Research Center of Biotechnology**

Research Center of Biotechnology (CRBt), Constantine

Address: Constantine, Algeria

[14/04/2018 – 15/04/2018] **Training in Biostatistics under the "GraphPad Prism Software 2016-2017**

Excellence for Formation, Development and Training

Address: Tébessa, Algeria

[02/2015 – 04/2015] **Trainee at the Laboratory of Bacteriology of Ibn Zohr Hospital of Guelma, Algeria**

Address: Guelma, Algeria

[06/2013] **Trainee at the Laboratory of Biochemistry of Ibn Zohr Hospital of Guelma, Algeria**

Address: Guelma, Algeria

LANGUAGE SKILLS

Mother tongue(s): Arabic

Other language(s):

ENGLISH (B2) | FRENCH (B2) | ITALIAN (A1)

CONFERENCES AND

SEMINAR

- [13/12/2022–14/12/2022] **Investigation of cupric ion reducing antioxidant capacity ‘CUPRAC’ of different solvent extracts from *Sonchus* aerial parts**
University Mohamed Boudiaf de M’sila, M’sila, Algeria
Premier séminaire national ‘webinar’ sur les substances bioactives, Substance Naturelle aujourd’hui, Médicament prometteur demain! SNAMPD
- [10/10/2022 – 11/10/2022] **Study of the sub-acute oral toxicity of an Algerian medicinal plant extract on Wistar mice**
University Frères Mentouri Constantine 1, Constantine, Algeria
Journées Nationales en: Biotechnologies et Bioinformatique JNBTBI.
- [05/11/2019–06/11/2019] **Phytochemical analysis of different extracts from the aerial parts of an Algerian medicinal plant of the genus *Sonchus* (*Asteraceae*)**
University Mohamed Cherif Mesaadia 1, Souk Ahras, Algeria
Symposium International Environnement, Risques et Santé.
- [16/10/2018–17/10/2018] **Evaluation de la toxicité aigüe de l’extrait aqueux des parties aériennes de l’espèce *Sonchus***
University 8 Mai 1945, Guelma, Algeria
Le Premier séminaire International sur l’Agroalimentaire SIA.
- [15/10/2018–16/10/2018] **Evaluation of antibacterial activity of different *Sonchus* extract**
University Frères Mentouri Constantine 1, Institut de la Nutrition, de l’Alimentation et des Technologies Agro–Alimentaire (INATAA), Constantine, Algeria
Séminaire International des sciences alimentaires SISA.
- [08/10/2018–09/10/2018] **Toxicité aigüe de l’extrait méthanolique des parties aériennes de l’espèce *Sonchus* extract**
University 20 Aout 1995, Skikda, Algeria
Séminaire National Biologie Environnement et Santé SNBES.
- [29/10/2017–30/10/2017] **Effet antibactérien de l’extrait méthanolique de l’ail (*Allium sativum* L.)**
University Mohamed Boudiaf de M’sila, M’sila, Algeria
Séminaire international sur : phytodiversité et plantes d’intérêt écologique et économique en Algérie. Inventaire, Conservation et Valorisation.

[05/11/2017-06/11/2017]

Criblage phytochimique et effet antibactérien de l'extrait méthanolique de l'ail sur *Pseudomonas aeruginosa* ATCC 27853 et *Morganella morganii*

University M'hamed Bougara, Boumerdes, Algeria

Congrès International sur la valorization et la préservation de la biomasse CI-VAPD

PUBLICATIONS

[2022] **Phytochemical screening and toxicity investigation of hydro methanolic and aqueous extracts from aerial parts of *Sonchus oleraceus* L. in Swiss albino mice. *Comparative Clinical Pathology*, 31:3 (2022).**

Reference: *Comparative Clinical Pathology*. DOI: 10.1007/s00580-022-03349-x

[2021] **Algerian *Sonchus oleraceus* L. : a comparison of different extraction solvent on phytochemical composition, antioxidant properties and anti-cholinesterase activity. *Advances in Traditional Medicine*, 22 (3): 1-12 (2021).**

Reference: *Advances in Traditional Medicine*. DOI: <http://doi.org/10.1007/s13596-021-00553-y>

EDUCATIONAL WORK

- Teaching:

[18/09/2022-21/12/2022] Assistant professor at the University 8 Mai 1945 Guelma, Algeria
Module taught and level of study: Biochemical engineering and industrial microbiology (Course+ TP), Master 2 Applied Biochemistry;
Microbial Biochemistry (TD), Master 1 Applied Biochemistry.

[01/02/2022-10/05/2022] Temporary teacher at the University 8 Mai 1945 Guelma, Algeria
Module taught and level of study: Microbial Biochemistry (TD) : Master 1 Applied Biochemistry ;
Cell Culture (Course), Master 1 Molecular and Cellular Biology.

[20/09/2021-20/12/2021] Temporary teacher at the University 8 Mai 1945 Guelma, Algeria
Module taught and level of study: Genetic Engineering (TD), 3rd year Applied Biochemistry; Applied Biochemistry (TP), Master 1 Applied Biochemistry.

[01/02/2021-15/05/2021] Temporary teacher at the University 8 Mai 1945 Guelma, Algeria
Module taught and level of study: Genetic Engineering (TD), 3rd year Applied Biochemistry; Applied Biochemistry (TP), Master 1 Applied Biochemistry.

[15/09/2017-20/12/2017] Temporary teacher at the University 8 Mai 1945 Guelma, Algeria
Module taught and level of study: General Microbiology (TD), 2nd year Biological Sciences and Environmental Ecology.

