

YAHIA MASSINISSA

Associate professor -A- | Research Scientist | Biological and pathophysiology sciences

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<https://www.researchgate.net/profile/Massinissa-Yahia-2>

05000 Batna. DZ



SUMMARY

Dedicated university professor and researcher with a proven track record in delivering exceptional education at both undergraduate and graduate levels. Known for innovative teaching methods, fostering critical thinking and achieving consistently positive student evaluations. A prolific researcher with numerous biological sciences publications in reputable journals, contributing to the academic advancement of the field. Committed to mentorship and actively involved in university service, demonstrating a comprehensive approach to academia.

EDUCATION

PhD Doctoral Degree; Biological Sciences
Option: Bioactive Molecule Biotechnology and Molecular Pathologies

University of BATNA 2 / University of Naples Federico II

01/2014 - 09/2018 Batna, Algeria

Master Degree in Molecular Cell Biology and Pathophysiology.

University of BATNA 2

2012 - 2014 Batna, Algeria

Bachelor's degree in Cellular and Molecular Physiopathology.

University of BATNA 2

2012 Batna, Algeria

CERTIFICATION

BIORISK MANAGEMENT By FRONTLINE HEALTHCARE WORKERS ,
July 30, 2019.

SAFETY FOUNDATION

Infection Prevention and Control (PCI) Applied to the New
Coronavirus (COVID-19)

WORLD HEALTH ORGANIZATION

Clinical Care Severe Acute Respiratory Infection

WORLD HEALTH ORGANIZATION

International Bodybuilding Trainer and Nutrition Specialist
Certificate

JOE WEIDER Institute

PUBLICATIONS

ANTI-INFLAMMATORY AND HEMOSTATIC ACTIVITIES OF
METHANOLIC EXTRACT FROM ATRIPLEX HALIMUS
LEAVES COLLECTED IN ALGERIA.

Arabian Journal of Medicinal and Aromatic Plants

1.Massinissa Yahia, Afaf Benhouda, Karima Takellalet

2023 <https://doi.org/10.48347/IMIST.PRSM/ajmap-v9i1.34185>

Publication Description

LANGUAGES

English

Proficient



French

Proficient



Arabic

Native



Tamazight

Native



Italian

Proficient



Spanish

Advanced



SKILLS

Confocal Microscopy

Fluorescence Microscopy

Tissue Calcium Measurement

Cell Culture

Molecular Biology

Immunohistochemistry

HPLC

NMR

RT-PCR

Histology

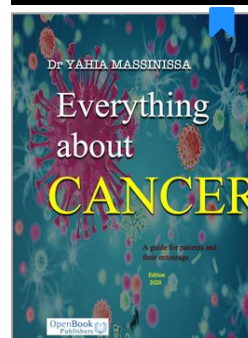
Apoptosis

MTT

Molecular Biology

Your Skill

BOOKS



Everything about
CANCER

Yahia Massinissa

WEBINARS

Molecular Biology , Genomics

Custom Description

PUBLICATIONS

Apoptotic Cell Death in Ewe Endometrium during the Oestrous Cycle.

[Journal of the Hellenic Veterinary Medical Society](#)

S Benbia, Yamina BELKHIRI, Massinissa YAHIA

📅 Date period 🔗 URL

Study of the Biological Activities of the Methanolic Extract of Globularia Alypum L from Algeria

[Pakistan Journal of Medical & Health Sciences.](#)

2.Yahia Massinissa, Benhouda Afaf, Benbia Souhila, Loucif Lotfi

📅 2022 🔗 <https://doi.org/10.53350/pjmhs22163501>

New Bioactive Molecules Isolated for the First Time from Hyoscyamus albus L. and their Mechanisms Underlying the Anticancer Effects .

[Indian Journal of Pharmaceutical Education and Research](#)

Massinissa Yahia, Afaf Benhouda, Mouloud Yahia, Hamada Haba, Francisco Campos, Souhila Benbia, Antonio Rangel

📅 2020 🔗 DOI: 10.5530/ijper.54.2s.88

Dairy dessert processing: Effect of sugar substitution by date syrup and powder on its quality characteristics

[Journal of Food Processing and Preservation](#)

Kahina Djaoud, Lila Boulekbache-Makhlouf, Massinissa Yahia, Hafid Mansouri, Nassima Mansouri, Khodir Madani, Alberto Romero

📅 2020 🔗 doi.org/10.1111/jfpp.14414

The In vivo evaluation of anticryptosporidiosis activity of the methanolic extract of the plant Umbilicus rupestris ,

[Biodiversitas Journal of Biological Diversity](#)

Afaf BENHOUDA, Djahida BENHOUDA, Massinissa YAHIA

📅 2019 🔗 DOI:10.13057/biodiv/d201203

Antitumor Activity of Methanolic Fractions Extracted From the Aerial Part of Algerian Hyoscyamus albus and apoptotic cell aspect screening

[Indian Journal of Pharmaceutical Education and Research](#)

Massinissa Yahia, Mouloud Yahia, Afaf Benhouda

📅 2018 🔗 DOI: 10.5530/ijper.52.2.30

New Biological Anticancer Activities of Atropine Isolated from Hyoscyamus Albus's Leaves.

[Int J Pharma Res Health Sci](#)

*.Massinissa Yahia *, Mouloud Yahia , Paolo Grieco , Daniela Rigano , Afaf Benhouda , Francesco Merlino , Hamada Haba , Michele Caraglia*

📅 Date period 🔗 DOI:10.21276/ijprhs.2017.02.10

Evaluation Of The Diuretic Activity For The First Time Of Hyoscyamus Albus And Umbilicus Rupestris In Rats

[British Journal of Pharmaceutical and Medical Research](#)

Massinissa Yahia , Mouloud Yahia , Afaf Benhouda .

📅 2017 🔗 <https://doi.org/10.24942/bjpmr.2017.91>

ANTIDIABETIC ACTIVITY OF ALGERIAN HYOSCYAMUS ALBUS'S ON STREPTOZOTOCIN DIABETIC RATS.

[PharmacologyOnline](#)

Massinissa Yahia, Mouloud Yahia , Afaf Benhouda*

📅 Date period 🔗 URL

WEBINARS

-Enhancing efficiency in quality control procedures through optimization of resources and sustainable practices ,

SelectScience February 2024 , Webinar
Speaker: Oswald Sonntag

-Fighting antimicrobial resistance in sexually transmitted infection,

SelectSciences January 2024 , Webinar Speaker:
Colin Denver CEO , SpeedX.

-Precision oncology targeting cancer metabolism, SelectSciences December 2023, Webinar Speaker: Dr Raphael J. Morscher, Head of the Oncology Research Group,

University Children's Hospital Zurich, Switzerland
- Fiona Farnhammer MSc, Doctoral student,
University Children's Hospital Zurich, Switzerland.

-Tertiary lymphoid structures to the forefront of immunotherapy: what are they good for? ,

Labroots , May 2023 .

SCIENTIFIC JOURNALS REVIEWERS

Reviewer

[Research Journal of Pharmacy and Technology](#)

ISSN (ONLINE): 0974-360X

Reviewer

[MDPI](#)

MDPI journals

Reviewer

[Asian Journal of Pharmaceutical and clinical research](#)

Print ISSN- 0974-2441Online ISSN- 2455-3891

PUBLICATIONS

Ulcer Healing and Gastroprotective Activity of Methanolic Extracts of *Hyoscyamus albus* and *Umbilicus rupestris* Leaves against Gastric Injury Caused by Ethanol in Rats.

Global Journal of Research and Review

Massinissa Yahia, Mouloud Yahia, Afaf Benhouda

📅 2017 🔗 URL

Hepatoprotective effect of *hyoscyamus albus* leaves on carbon tetrachloride-induced acute hepatotoxicity on rats

European Journal of Biotechnology and Bioscience.

Massinissa Yahia, Mouloud Yahia, Afaf Benhouda, Nassiba Chafaa, Hachani Khadraoui, Djahida Benhouda, Boutaghrine Sihem

📅 2016 🔗 URL

Evaluation of the cytology and histology of uterus and cervix as predictors of estrous stages in ewes and dairy cows

International Conference on Biology and Biomedicine

Benbia S1., Yahia M1., Boutelis S1., Chennaf A1., Yahia Massinissa1

📅 2013 🔗 URL

INTERNATIONAL CONGRESSES AND SYMPOSIA

.Yahia Massinissa. ENVIROMENTAL AND OCCUPATIONAL IMPACT OF TRAMADOL ON MALE REPRODUCTIVE HORMONE: A META-ANALYSIS.

VI International Antalya Scienitific Research and Innovative Studies Congress, December 02-04 Antalya, TURKIYE.

Massinissa yahia, Benhouda A, Marref S, Mellakhssou A, Yahia M, Algerian Hyocyamus Albus induce apoptosis on human prostate cancer cell line PC3 and DU145

VIIème congrès International de Biotechnologie et Valorisation des Bio-Ressources 20 au 23 mars 2019 à Tabarka

Massinissa yahia, Benhouda A, Marref S, Mellakhssou A. Anticancer Activity of *Hyoscyamus Albus* extracts against several cancer cell lines

30th Internntional congress of the Tunisian society of Biological sciences ATSB. Sousse, Tunisia 25-28 Mars 2019

Massinissa Yahia, Mouloud Yahia, Paolo Grieco, Daniela Regano, Afaf Benhouda, Francesesco Merlino, Michele Caraglia, Hamada Haba. Bioguided isolation of Quercetin 3-[β - glucopyranosyl]- (1-6)- β -glucopyranoside], N-trans-feruloyltyramine and Atropine with new in vitro anticancer activity of methanolic fractions extracted from *Hyoscyamus albus*'s.

VIème congrès International de Biotechnologie et Valorisation des Bio-Ressources 20 au 23 mars 2018 à Tabarka

Imene Becheker, M Berredjem, Massinissa Yahia, H Berredjem. Evaluation de la genotoxicité par le teste d'Ames et le SOS chromotest de sulfamides antibactériens neosynthetisés.

1er Colloque International de Bioressources et Economie Bleue et Verte , Hammamet – Tunisie du 26 au 29 Avril 2018

INTERNATIONAL CONGRESSES AND SYMPOSIA

Massinissa Yahia * , Mouloud Yahia , Paolo Grieco , Daniela Rigano , Afaf Benhouda , Francesco Merlino , Hamada Haba , Michele Caraglia . New Biological Anticancer Activities of Atropine Isolated from Hyoscyamus Albus's Leaves.

Deuxième séminaire international en biologie « Valorisation des Bio-Ressources dans les Zones Arides » Bechar 2017

Massiniss yahia . Paolo Greico . 15th Naples Workshop on Bioactive Peptides in Naples,

01-07June 2016 Naples.

Yahia Massinissa, Yahia M et Benhouda A. Evaluation of cytotoxic activity of methanolic extract of Hyoscyamus Albus L. and Umbilicus rupestris in human line cells.

IVème congrès International de Biotechnologie et Valorisation des Bio-Ressources. Hammamet Tunisie 24-27 mars 2016

Massinissa Yahia, Mouloud Yahia, Afaf BENHOUDA, Djahida BENHOUDA, Laura De Martino, Vincenzo De Feo . Evaluation of Cytotoxic Activity of Methanolic Extract of Hyoscyamus albus L. and Umbilicus rupestris in Human line cells

International Symposium On Genomics, Metagenomics, Plant Biotechnology, Environment And Health .Biskra . Algeria 22-24 November , 2015

Yahia Massinissa, Kalla Adel, Yahia Mouloud, Benbia Souhila. Genetic polymorphism of the hyperhomocysteinemia and its relation with the acute lymphoblastic leukaemia for a group of children in the East of Algeria.

Waset 2012 Madrid, Spain

Yahia Mouloud., Chennaf Ali., Benbia S., Yahia Massinissa. Study of the Factors Limiting the Male Fertility in the Area of Batna "Algeria".

Waset Dubai 05-06 March, 2013

NATIONAL CONGRESSES AND SYMPOSIA

- Yahia Massinissa . Infection Control and antimicrobial Stewardship Review and Recommendation.

Le deuxième séminaire national Biotechnologie et Biodiversité Microbienne. 08 novembre Université de Khenchela

-Guemmaz Rahma , BENHOUDA A., YAHIA M., MERADI H. et FERRAH I. Evaluation of antioxidant and anti-inflammatory Activities of methanolic extract of Bupleurum Spinosum gouan.

SNSICB 18-19 october 2023. Université de SOUK AHRAS .

-Guemmaz Rahma, A BENHOUDA, M YAHIA, R MEZHOUDI, CM MAAFA and A SMADI, In vitro evaluation of antioxidant and anti-inflammatory activities of Hydromethanolic Extract of Bupleurum Spinosum Gouan.

National conference of the laboratory of molecular Toxicology 25-26 October 2023 jijel.

-Guemmaz Rahma, A BENHOUDA, M YAHIA, R MEZHOUDI, CM MAAFA. Chemical Composition and biological activities of Bupleurum Spinosum Gouan. Seminaire Nationale sur les Applications Therapeutiques et Agroalimentaires des

Substances Naturelles. 11 novembre 2023 Mila

EXPERIENCE

Associate Professor A

University of khenchela

📅 2022 - Present 📍 Khenchela, Algeria

- Research Teacher Department of Molecular and Cellular Biology of courses. practical work, directed work on :
 - Immunopathology for Master students Applied Chemistry and Master 2 Genetics ,
 - Animal Biology for L1 students Biological science
-

Associate Professor Of Biology

University of KHENCHELA

📅 2018 - 2022 📍 Khenchela, Algeria

- Research Teacher Department of Molecular and Cellular Biology of courses. practical work, directed work on :
 - Immunopathology for Master students Applied Chemistry and Master 2 Genetics .
 - Animal Biology for L1 students Biological science
-

Senior Research Scientist

LBMBPC Lab

📅 03/2014 - Present 📍 Batna, Algeria

- researcher in the Molecular and Cellular Pathophysiology team
 - Research into new bioactive molecules for cancer treatment
 - Research into the biological activities of medicinal plants
 - research on the pathological effects of analgesic consumption on fertility
-

Research Scientist

Molecular Diagnostic Unit

📅 05/2022 - Present 📍 Khenchela, Algeria

- molecular diagnostics of infectious and genetic diseases
 - Orchestrated a research project on molecular biology that increased understanding of molecular disease mechanisms.
 - Managed a lab team of 5, providing training and mentorship, which improved the team's skillset and research output.
 - Authored and co-authored four articles in high-impact scientific journals, disseminating key findings to the research community.
 - Conducted effective literature reviews using library search engines that influenced the direction of on-going research projects.
-

Associate Research Scientist

Laboratory of Peptide chemistry Federico II Naples

📅 05/2015 - 05/2019 📍 Naples, Italy

- pharmacology
 - pharmaceuticals
-

SCIENTIFIC RESPONSIBILITIES

President of the Scientific Committee

University of KHENCHELA

📅 2022 - Present 📍 Khenchela, Algeria

Chairman of the Scientific Committee of the Department of Cell and Molecular Biology.

- SNV
-

Member of the Disciplinary Board

University of KHENCHELA

📅 2022 - Present 📍 Khenchela, Algeria

University

- Member of the Disciplinary Board of the Department of Cell and Molecular Biology

SCIENTIFIC RESPONSIBILITIES

Member of the PRFU Research Project

University of BATNA 2

2022 Batna, Algeria

project :

- Evaluation of the health impact of exposure and co-exposure to analgesics in the region of Aurès.

Member of the PRFU Research Project

University of BATNA 2

2022 Batna, Algeria

project :

- Valorisation of some medicinal, aromatic and endemic plants from the Aurès region

TRAINING

Internship at the NUTRITION - GENETIC - EXPOSURE TO ENVIRONMENTAL RISKS laboratory .Unit INSERM 954. Faculty of Medicine of Nancy – 9. France

Certifying the expertise in PCR , DNA Sequencing , Molecular Biology techniques

nternship at the Peptide and Synthesis Laboratory and peptidomimetic MODILABS.University of Naples Federico II. Department of Pharmacy. Naples. Italy.

peptide synthesis , HPLC , RMN

INDUSTRY EXPERTISE

Medicare's Biology and pharmaceuticals

PASSIONS

Advanced Imaging Techniques

Passionate about exploring new imaging technologies, particularly in the study of neurological functions and disorders.