

Curriculum Vitae

C.V



Name: Ahmed Yassin Ahmed Nassar.

Position: Professor of Biochemistry.

**Institution: Assiut University - Faculty of medicine-
Department of Biochemistry**

Date and place of birth: 13-07-1941, Al Sharkiea governorate.

**Professional history: 1-Chemist in the ministry of scientific
research- the institute of medical research, 01-02-1966.**

**2- Demonstrator of Biochemistry in the institute of medical
research-Alexandria University since 12-07-1971.**

**3- Assistant lecturer of Biochemistry in the institute of medical
research since, 01-01- 1974.**

**4- Assistant lecturer of Biochemistry, Assiut University, since,
04-06-1974.**

**5- Lecturer of Biochemistry, Assiut University since, 14-12-
1977.**

**6- Assistant professor of Biochemistry, Assiut University, since
14-10-1984.**

**7- Professor of biochemistry, Assiut University, since 07-01-
1990.**

8- Chief of the department of biochemistry, Assiut faculty of medicine, since 27-09-1992 to 1995.

**Missions abroad: Scientific mission to Denmark 1988,
Scientific mission to the USA to attend, in the name of Egypt,
the 9th international congress on toxinology, Oklahoma 1988.
Scientific expert to Etiopia (1996-2001).**

**Scientific mission to France, Marseles, 1992.
As a delegate expert to Ethiopia from 1996 to 2002.**

**Scientific background: 1- Bachelor of Science (Chemistry and
Geology) from Alexandria University, june 1965.with general
grade, very good.**

2- Master of Biochemistry from Alexandria University, 1973.

**3- PhD. in Chemistry, Biochemistry, from Assiut University,
1977.**

Scientific interests and societies membership:

**The main fiels of interest are: Natural toxins and biology of
copper complexes.**

**- Lead many works on animal and plant toxins in the eighties
through the nineties, and asserted this trend in Assiut
University in collaboration with European recognized
scientists.**

- Conducted and lead many works on the isolation and characterization, besides studying the beneficial effects, of some extracts from Egyptian scorpion venoms.
- Conducted many researches on the biological beneficial activities of copper complexes, the possible therapeutic effects of copper(I)-nicotinic acid complex on some inflammatory diseases ,like : gastric ulcer, rheumatoid arthritis, fatty liver, and side effects of cancer chemotherapy on liver.

*** Member of:**

- “International Society on Toxinology”.
- ”The Egyptian society of Natural Toxins”.
- “The New York Academy of Sciences”.
- American Association for The Advancement of Science.

*** Conferences Attendance:**

Attended many local and regional conferences, besides international conferences in Europe, USA and Far Asia

Awards and honoring:

- 1- "Gold Medal for Egypt. 2007 " from the American biographical institute.
- 2- Nominated for 21st intellectuals by The International Biographical Centre , Cambridge 2008.

3- Nominated for "The Davinci Diamond for Distinction In Science" from The International Biographical Centre, Cambridge 2008.

****Patents:***

1-A PCT Patent: PCT/EG2007/000029-W11-153,

Title: A COMPOSITION OF EGG WHITE COPPER COMPLEXES WITH MEDICINAL BENIFITS.

2- Applicant of a local patent on the synthesis of a peptide with medicinal benefits 2007.

3- Applicant of a local patent on a composition for treating Psoriasis containing one part of a copper peptide complex 2007.

Publications

- 1- Iron Kinetics in Albino rats. Nassar A.Y., Salah M.K. and Abdalla M. Assiut. Vet .Med. J. Vol. 8 pp. 48-50 (1981).
- 2- Normal Cholinesterase values in adult human. Nassar A.Y. Abdel Mageed S. and Helal M. Assuit Med. J. Vol. 5 No. 1 pp.16-21.
- 3- Binding of Aflatoxins B₁, G₁ and M₁ to plasma albumin. Nassar A.Y. Megalla S. Hafez and EL-Deep T. Mycopathologia 79, pp.35-38.
- 4- Estrogenic effect of Zearalenone on uterine acetyl Cholinestrace in female rats. Nassar A.Y Megalia S and Hafez A Mycopathologia, 07 pp. 173-178 (1082).
- 5- Aflatoxin and Aflatoicosis: The Kinetic behaviour of dietary aflatoxin B₁ on colostrum drown from cows Post partum. Nassar A.Y., Megalla S., Hafez and El-Deep T. Mycopathologia 89, pp.161-164 (1985).
- 6- Toxicity of antihelminthic combantrin with reference to fatal cases. Abdel Mageed S., Abdel Nabey A. and Nassar A.Y. Assuit Med. J. Vol. 6 No 5 pp. 73-77 (1982).
- 7- Effect of Aflatoxin B₁ on utilization of Serum Calcium. Nassar A.Y., Megala. and Hafez A. Mycopathologia 91, 2 pp. 127-131 (1986).
- 8- Changes in the testis and accessory organs in experimental animals with diabetes. Sana A., Mohammed A., Nasr N., and Nassar A.Y., Assuit Med. J. Vol. 13 No. 2 pp. 31-35 (1986).

- 9- Effect of PGA. on uterine acetyl cholinesterase and health significance for Pregnants. Nassar A.Y., Zaghlol A., Abdel Raheims S., and EL-Ahrof A. Where is Environmental Health? (Ed: EL-Ahraf A.) Clivland Ohio University Press pp. 112-118(1987).
- 10- Biological activity of synthetic Copper (I)-nicotinic acid Complex on Plasma lipids. Gohar M., Nassar A.Y., Abdel Monem M and EI-Saadani M. New Methods in Drug Research (Ed. Nicol R.)3rd Cyprus Conference on New Methods in drug Research; F.B.S. Humana Press pp. 25-30 (1987).
- 11- The role of Copper (I) - nicotinic acid complex on Kojic acid biosynthesis by *Aspergillus flavus*. Megalla S., Nassar A.Y. and Gohar M. Journal of Basic Microbiology 27. 29-33 (1987)
- 12- Copper (II) - nicotinic acid complex: An immunopotentiator in chickens vaccinated against Newcastle disease. Musa S.A., Hafez A., Nassar A.Y. and Gohar M.A. Biology of Copper complexes. (Ed: J.R. Srenson) Humana Press, Inc., Clifton, New Jersey, pp. 343-358 (1987).
- 13- Glycosylated hemoglobin in Calves with respiratory and metabolic disorders Nassar A.Y., EL-Sabri A., EL-Shafei A. and EL-Sawi N. The Scientific J. of the Egyptian Biochemical Society vol. 12, No.2 pp. 93-101 (1988).
- 14- In vivo and in vitro effects of copper (I) - nicotinic acid complexes on lipids and Lipoproteins. El Saadani M., Nassar A.Y., Jurgens G. and Easterbauer H. Agents Actions Suppl. 26: 247-258 (1988).

- 15- Effect of PGB, E and F₂a on Iodine Kinetics in the Thyroid gland Nassar A.Y., Hassan K., and Omer H. Assuit Med. J. Vol. 19 No. 2 pp. 5-12 (1988).
- 16- Glycosylated hemoglobin and other biochemical parameters of blood in diabetic patients Nassar A.Y., Hasan H., Ahmed Y., and Meki A. Assuit Med. J. Vol. 12 No. 2 pp. 17-27 (1988).
- 17- Copper and Copper-nicotinic acid complexes mediated oxidation of high density Lipoprotein. El-Saadani M., Nassar A.Y., Easterbauer H., Jurgens G. El-sayed M., Gohar M. and Holasek A. Basic Life Sci. 49:381-385, (1989).
- 18- A Spectrophotometric assay for lipid peroxides in plasma EL-Saadani M., Jurgins G., Nassar A.Y., and Easterbauer H. Journal of Lipid Research Vol, 30 pp.52-60 (1989).
- 19- The effect of Cu (I)-nicotinic acid complex on the semen picture of Bulls Zaghiol A.H and Nassar A.Y. Assiut Journal of Veterinary Medicine 32. 11 (1989).
- 20- Isolated fractions from toxins of Egyptian Scorpions and cobra activated smooth muscle contraction and glomerular filtration Nassar A.Y., Abu-Sinna G., and Abu-Amara S. Toxicon 27 No. 1 pp. 65-70 (1980).
- 21- Glycosylated hemoglobin and osmotic fragility of red blood cells Nassar A.Y., Salah M., EL-Shafi A. and EL-Sawi N. The Arab J. of Lab. Med. Vol. 15 No. 2 pp. 73-84 (1989).

- 22- Threats created by using mouldy balady bread in poultry feed. Hafez A., Megalla S., Musa A., and Nassar A.Y. *Journal of Egyptian Soc. Toxicol* Vol.4 pp. 73-78 (1989).
- 23- Some physiological studies on fungi isolated from samples of poultry feed stuff. Megalla S., Nassar A.Y., Moharrum A., Abdel -Gowaad and Mohamoud A., *Journal of Basic Microbiology*. Vol. 30 No. 3 pp. 165-180 (1990).
- 24- Effect of a bradykinn potentiating fraction from venom of the Egyptian Scorpion *Buthus occitanus* on the ovaries and endometrium of mice. Nassar A.Y., Abu-Sinna G., and Abdel- Reheim S. *Toxicon* Vol. 28 No. 5 pp. 525-534 (1990).
- 25- Effect of red blood cell storage on the hemoglobin fractions Nassar A.Y., Salah K., EL-Shafei A. and EL-Sawi N. *The Arab J. of Lab. Med.* Vol 16 No. 1 pp. 111-117 (1990).
- 26- Aflatoxicosis is an initiating risk factor for malnutrition in infants Nassar A.Y., Fahim M. and El-Saadani J. *Egypt. Soc. Toxicol* vol. 7 pp. 46-50 (1992).
- 27- Brady Kinn Potentiating fraction isolated from venom of Egyptian Scorpion *Buthus occitanus* potentiates Spermatogenesis in mice. Nassar A.Y., Abu-Sinna G., EL Saadani M. and Abdel Raheim S. *Recent Advances in Toxinology Research* (Ed: Gopala Krishnakon) . National University of Singapore, pp. 201-208(1992).

- 28- The protective effect of Copper Complexes against gastric mucosal ulcers in rats. El-Saadani M., Nassar A.Y., Abou EL-Eia S., and Aiiam M.F. *Biochemical Pharmacology*. Vol. 46 No 6 pp. 1011-1018 (1993).
- 29- Therapeutic effects of Cu (I)-nicotinic acid (Complex on Patients with liver cancer treated with 5-Fluro Uraciol Nassar A. Y., Meki A.M., Mahfouze M. and Attica M. *Assuit Journal of Sciences* 91:22(1995)
- 30- Brady Kinin Potentiating peptide (K_{12}) isolated from Egyptian Scorpion *Bothus occitanus*. Mekia., Nassar a.Y. and Harvia Rochat. *Peptides* vol. 16 N0.8. pp, 1359-1365 (1995).
- 31- Brady Kinin Potentiating Fraction isolated from the Egyptian Scorpion *Buthus occitanus* induced prostaglandin biosynthesis in uteri of female guinea pigs Mekia A., Omar H. and Nassar A.Y. *Comparative Biochem. and physiol.* Vol 116 C. No. 3 pp. 183-189 (1997).
- 32- The role of prostacyclin in the pathogenesis of portol hypertension. yousreya A. Ahmad; Ahmad medhat; Ahmad y. Nassar; Ahmad EL-Tony; Nabawiaya M Tawfik and khaled Rashad. Reprinted from proceeding of Tenth Annul Scientific Conference April 1992.
- 33- Evaluation of Acid Digest Method for extraction and Identification of p-Phenylenediamine (hair dye) from post –mortem Tissue Samples. khaled M. Mohamed; Ahmed Y.Nasser. *East meets West in Forensic Toxicology, South Korea, 2005.*
- 34- Some physiological studies on fungi isolated from poultry feedstuffs .SAMUEL E. MEGALLA, A.Y.NASSAR, A.M. MOHARRAM, K.M.

ABDEL-GAWAD and A-L .E. MAHMOUD J. Basic Microbiol. 30(1990) 3,165-180.

- 35- An anti-inflammatory effect of Cu (1) – nicotinic acid complex on adjuvant arthritic rat. Manal A.M. Mandour, Nagla T.H. EL-Melegy, Ahmed y. A. Nassar, Alam A.M. Nafady, Muhammad I. kotb. EJBMB December 2005 Volume 23 Special Issue.
- 36- A novel therapeutic drug (copper nicotinic acid complex) for non alcoholic fatty liver. Ragaa H .M. Salama, Ahmed Y .A. Nassar, Allam A. M. Nafady and Hesham H.T.Mohamed. Liver international, volume27.issue 4, page 454-464.may 2007.
- 37- The antioxidant activity of Vitamin C, DPPD and L-cysteine against Cisplatin-induced testicular oxidative damage in rats. Emad A. Ahmed, Hossam M. Omar, Sary Kh Abd elghaffar, Sohair M.M. Ragb, Ahmed Y. Nasser. Food and Chemical Toxicology 49 (2011) 1115–1121.
- 38- Development and Validation of High-Performance Liquid Chromatography–Diode Array Detector Method for the Determination of Tramadol in Human Saliva. El-sayed A. Y., Mohamed K. M, Hilal M. A., Aboul Hagag K. E., A. Y Nasser, *J. Chromatograph Separat Techniq*, Vol 2, Issue 4, (2011) 2.
- 39- Simultaneous Determination of Tramadol and its Two Main Metabolites in Human Urine by GC-MS. Mohamed K. M, Esayed, A. Y., Nasser, A. Y., Button, J and Holt, D. W, *The Drug Monit*, Vol 33, 4, (2011)488.
- 40- Evaluation of Acid Digest Method for Extraction and Identification of p- Phenylenediamine from post-mortem tissue samples, K. M.

Mohamed and A. Y. Nasser, *43rd The International Association of Forensic Toxicologists meeting (TIAFT) (2005)*.

- 41- Protective Effects of Copper (I)-Nicotinate Complex Against Aflatoxicosis. Ahmed R. Shatat, , Heba M. Saad Eldien, Muammar Y. Nasser, Amany O. Mohamed, Abdel Haleem M. Hussein, Abu-Bakr A. El-Adasy, Ahmed A. Khames and Ahmed Y. Nasser. *The Open Toxicology Journal*, 2013, 7, 1-10.

List of Publications (performed by Prof-Dr; A.Y.Nassar)

1- International Books

No.	Title of the Book	Publisher	Editor	Year	Tide of the subject
1	Recent Advances in Toxinology Research	National University of Singapor	Gopala krishnakon	1992	BPF fronScorpion Venom Potentiates spermatogenesis
2	Oxygen Radicals Biology and Medicine (Basic Life SciencesVol.49)	Pleneem Press	Simic M	1990	Effects of Cu-nico-tini acid complex on lipids and lipoproteins
3	Where is Environmental Health?	Claveland Ohio University	EL- Ahraf	1988	Effect of PGA, on Uterine AChE and Health .Significance
4	Atherosclerosis- cholestero Homeostasis(Agen-ts and Action Suppli ments Vol 26)	Birkhauser verlag Basel	Parnbam M. J. Nuemann R.	1988	In vivo and in vitro effects of copper nicotinate complex on cholesterol
5	Biology of copper complex	Humane press	Sorenson J.	1987	Cu-Nicotinic acid acts as an Immuno potentiator

2- International Journals

Name of the journal	Volume	No.	Year	Title of the subject
1. Biochemical pharmacology	46	6	1993	The protective effect of copper complexes on
2. J. Basic Microbiology	30	3	1990	Some physiological studied on furgis isolated from
3. Toxicon	28	5	1990	Effect of BPF from Egyptian scorpion on
4. J. Lipid Reseach	30		1989	A spectrophotometric assay for lipied peroxides

5. Toxicon	27	1	1989	Isolated fraction from toxins of Egyptian scorpions
6. Mycopathologia	97		1987	Estrgenic effect of Zearalen one on the uterine AChE
7. J. Basic Microbiology	27	1	1987	The role of Cu-nicotinate on
8. Mycopathologia	91	2	1985	Effect of AFB 1, on utilization of calium
9. Mycopathologia	89		1985	Aflatoxin & Aflatoxicosis the Kinetic behaviour
10. Mycopathologia	79		1982	Binding of AFB, G, and M to plasma albumin.

Recent publications are to be added to this list

Home

More



Congratulations, Ahmed!

With 59 new reads, your contributions were the third-most-read contributions from your department last week

Achieved on October 2, 2023

Ahmed, you can increase the visibility of your work

Invite your co-authors to confirm their authorship on ResearchGate and boost the visibility of your mutual publications.



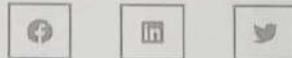
- Ali Helmi Bakri · 2 mutual publications
- Eman Radwan · 2 mutual publications
- Asmaa A. Metwally · 2 mutual publications

invite 3 co-authors

Remove 3 suggestions

View more

Share on social media



Back to profile



Great work, Ahmed!

With 42 new reads, your contributions were the most read contributions from your department

Achieved on **January 23, 2023**

Ahmed, you can increase the visibility of your work

Invite your co-authors to confirm their authorship on ResearchGate and boost the visibility of your mutual publications.



- Khaled Ghareeb · 2 mutual publications
- Safaa A. Mahgoub · 2 mutual publications
- Bahaa Osman Taha · 1 mutual publication

Invite 3 co-authors

Remove 3 suggestions

View more

Share on social media



[Back to profile](#)

NEW YORK ACADEMY OF SCIENCES

SERVING SCIENCE, TECHNOLOGY, AND SOCIETY WORLDWIDE SINCE 1817

PRESENTED TO

Ahmed Y. Nassar

AN ACTIVE MEMBER OF THIS ACADEMY

TO REMAIN IN GOOD STANDING BY FULFILLING
THE RESPONSIBILITIES OF MEMBERSHIP

Richard A. Rosen
CHAIRMAN OF THE BOARD



Radwan W. Nohel
PRESIDENT AND CEO

Detach and return Confirmation below. Enclose \$100.00.



Congrats, Ahmed!

With 23 new reads, your research items were the second-most-read research items from your department

Achieved on July 24, 2023

Ahmed, you can increase the visibility of your work

Invite your co-authors to confirm their authorship on ResearchGate and boost the visibility of your mutual publications.



- Asmaa A. Metwally · 2 mutual publications
- Gamal A. Y. Nassar · 2 mutual publications
- Sara Ibrahim Mohamed · 1 mutual publication

Home More ▼



Congratulations, Ahmed!

With 59 new reads, your contributions were the third-most-read contributions from your department last week

Achieved on October 2, 2023

Ahmed, you can increase the visibility of your work

Invite your co-authors to confirm their authorship on ResearchGate and boost the visibility of your mutual publications.



- Ali Helmi Bakri · 2 mutual publications
- Eman Radwan · 2 mutual publications
- Asmaa A. Metwally · 2 mutual publications

Invite 3 co-authors

Remove 3 suggestions

View more

Share on social media



Back to profile

ResearchGate

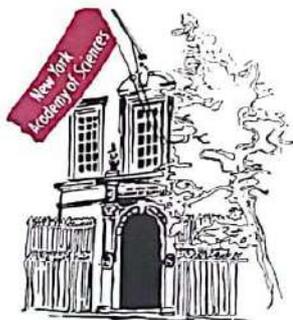
Membership Portfolio

in the name of

A. Y. Nassar
Assiut University
Biochemistry
Assiut
EGYPT

Serving Science,
Technology, and
Society Worldwide
Since 1817

R.S.V.P.



Invitation to Membership

For: A. Y. Nassar
Assiut University
Biochemistry
Assiut
EGYPT

Dear Dr. Nassar:

On behalf of the Board of Governors, I am pleased to invite you to become a Member of the Academy. We welcome all who have an interest in science and technology and their roles in contemporary society.

What does Academy membership mean for you?

- ✓ You will be part of a distinguished society of scientists whose membership since 1817 has included Thomas Jefferson, John James Audubon, and more than 40 Nobel Laureates. Members represent all 50 states and over 150 countries worldwide.
- ✓ You will expand your horizons through timely access to basic research at more than 200 conferences, lectures and symposia each year, covering all the disciplines.

Dear Dr. Nassar:

In order to make your Membership effective, please complete and return the Confirmation above which is already registered in your name. You may wish to indicate which Annals volume described on the back cover you wish to receive or you can choose from the complete catalog of over 200 titles which will be sent to you. But please return your Confirmation today. Thank You.

L. W. N.



INTERNATIONAL JOURNAL OF
PLANT BASED PHARMACEUTICALS

*Certificate of
Outstanding Contribution in Reviewing*

awarded June, 2023 to

Ahmed Y. Nassar

In recognition of the contributions made to the quality of the journal



Prof. Dr. Bektas TEPE (Ph.D.)
Editor-in-Chief

Membership Acceptance



R.S.T.P.

0408272

English name

Yes! I accept your invitation to become a member of the Society for the 2000 calendar year for only US\$45.00. I look forward to receiving my 12 monthly issues of NATIONAL GEOGRAPHIC magazine and a FREE *Titanic* Collector's Edition with my paid membership.

My payment is enclosed (please tick):

- US\$45.00 by bank draft in U.S. funds drawn on a U.S. bank or by international money order in U.S. funds

Please charge my credit card: VISA MasterCard

American Express Diners Club

Card no.: _____ Expiry date: _____

Signature: _____
Credit card accounts will be charged in local currency at the rate of exchange applicable on transaction date.

Return this card in the enclosed envelope, or post to

NFAQ970
PROF. AHMED Y. NASSAR
ASSIUT UNIVERSITY
FAC. OF MEDICINE
DEPT. OF BIOCHEMISTRY
ASSUIT
EGYPT

National Geographic Society
P.O. Box 2876
1000 CW Amsterdam
The Netherlands

Please make sure address shows through envelope window.

Membership will begin with the January 2000 issue.

Detach here. ➔

PLEASE SEE OVERLEAF.

UA1 009

Give National Geographic gift memberships!

NFAQ970
PI. OF. AHMED Y. NASSAR
A.SSIUT UNIVERSITY
F.A.C. OF MEDICINE
D.EPT. OF BIOCHEMISTRY
A.SSUIT
EGYPT

My payment of US\$45.00 is enclosed for each membership.
(please tick):

- Bank draft in U.S. funds drawn on a U.S. bank or by international money order in U.S. funds
 Please charge my credit card:
 VISA MasterCard American Express Diners Club

Expiry date: _____

Card no.: _____

Signature: _____

Credit card accounts will be charged in local currency at the rate of exchange applicable on transaction date.

Total gift fees: US\$ _____

to National Geographic Society, P.O. Box 2876,
C.W. Amsterdam, The Netherlands

GIFT
FOR

Please print (Mr., Mrs., Miss, Ms.) _____

Street _____

City, Region _____

Country, Zip/Postal Code _____

GIFT
FOR

Please print (Mr., Mrs., Miss, Ms.) _____

Street _____

City, Region _____

Country, Zip/Postal Code _____

While all fees support the Society's mission of expanding geographic knowledge, 80 percent is designated for magazine subscription. Receipt will not be sent unless specially requested.

1 document result

Search within results...

Documents Secondary documents Patents

[View Mendeley Data \(15\)](#)

Refine results

Analyze search results

Show all abstracts Sort on: Date (newest)

Limit to Exclude

All Export Download View citation overview View cited by Add to List

Open Access

All Open Access (1) >

Gold (1) >

[Learn more](#)

Year

2020 (1) >

Author name

Bakkar, S.M. (1) >

Mahgoub, S.A. (1) >

Nassar, A.Y. (1) >

Omar, H.E.D.M. (1) >

Osman, A.A. (1) >

Subject area

Agricultural and Biological Sciences (1) >

Veterinary (1) >

Document type

Publication stage

Source title

Keyword

Affiliation

Funding sponsor

Country/territory

Source type

Language

Limit to Exclude

Document title	Authors	Year	Source	Cited b
<input type="checkbox"/> 1 Comparative ameliorative actions of extracted bradykinin potentiating fraction from cobra snake venom and synthetic antioxidants on hepatic tissue of aflatoxicosed rats Open Access	Nassar, A.Y., Mahgoub, S.A., Omar, H.-E.-D.M., Bakkar, S.M., Osman, A.A.	2020	Journal of Applied Animal Research	48(1), pp. 593-602

[View abstract](#) [View at Publisher](#) [Related documents](#)

Display: 20 results per page

Dear Dr, Ahmed Y. Nassar;

Just a gentle reminder of our request for your review of the submission, "Phytochemical profile, antioxidant, and anti-inflammatory potential of extracts of *Callicarpa macrophylla* Vahl. from Uttarakhand Himalayan region.," for International Journal of Plant Based Pharmaceuticals. We were hoping to have your response by 29.05.2023, and this email has been automatically generated and sent with the passing of that date. I believe that you would serve as an excellent reviewer of the manuscript. The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

Please log into the journal web site to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation.

The review itself is due 19.06.2023.

Submission

URL: <https://ijpbp.com/index.php/ijpbp/reviewer/submission?submissionId=110&reviewId=1550&key=2kvlY9>

Thank you for considering this request.

"Phytochemical profile, antioxidant, and anti-inflammatory potential of extracts of *Callicarpa macrophylla* Vahl. from Uttarakhand Himalayan region."

Abstract

Objectives: The medicinal traits of the shrub *Callicarpa macrophylla* have been used in traditional and folklore medicinal system, however scientific evaluation of such medicinal plants have not been much explored yet. The polar and non-polar extracts of the whole plant of *Callicarpa macrophylla* from the Himalayan region are the key subject of interest to evaluate and compare its antioxidant as well as anti-inflammatory properties in relation to its phytochemical composition.

Methods: Hexane and methanolic extracts of *Callicarpa macrophylla*-Vahl. were prepared using the Soxhlet apparatus. GC-MS profile of both extracts outlined the individual components of both extracts. The antioxidant activity of both extracts was evaluated in terms of DPPH radical scavenging activity, metal chelating activity, and reducing power activity. Additionally, the anti-inflammatory property was also evaluated.

Conclusion: The hexane extract profile identified 32 compounds, accounting for 63.56% of the total extract composition with Tetratetracontane (9.78%), as the prominent compound. A sum of 26 compounds making up 79.74% of the total methanolic extract composition was identified and the major compound was a diterpenoid, Trachylobane (31.87%). The methanolic extract, *in vitro*, exerted potent antioxidant properties when compared to hexane extract as it showed better IC₅₀ values of DPPH radical scavenging activity (91.97±0.33 µg/mL), metal chelating activity (10.90±1.40 µg/mL) and reducing power activity (56.72±0.67 µg/mL). In addition, the methanolic extract also showed better anti-inflammation with an IB₅₀ value of 64.09±1.31 µg/mL. The antioxidant and anti-inflammatory potential of methanolic extract was also comparable to standards. Therefore, the methanolic extract exhibited better results as compared to hexane extract and had comparable potential with standards *in vitro*, if further explored might be utilised as an antioxidant as well as an anti-inflammatory agent in various pharma and cosmetic industries.

Prof. Dr. Bektas TEPE (Ph. D.)

Editor-in-Chief

International Journal of Plant Based Pharmaceuticals

<https://www.ijpbp.com>

info@ijpbp.com

International Journal of Plant Based Pharmaceuticals

تمت
الرجاء
2023
2023

Indian Journal of Clinical Biochemistry

The C allele of LPCA1-rs8352 single nucleotide polymorphism is associated with serum eosinophil cationic protein, high-sensitivity C-reactive protein, and immunoglobulin E levels and blood eosinophils count in children with bronchial asthma
--Manuscript Draft--

Manuscript Number: IJCB-D-22-00395
Full Title: The C allele of LPCA1-rs8352 single nucleotide polymorphism is associated with serum eosinophil cationic protein, high-sensitivity C-reactive protein, and immunoglobulin E levels and blood eosinophils count in children with bronchial asthma
Article Type: Original Research Article
Keywords: Polymorphism; LPCA1-rs8352; genotypes; pediatric asthma; asthma severity

Abstract: Bronchial asthma is the most frequent chronic non-contagious illness during childhood and adolescence. The current study investigated the association of the LPCA1-rs8352 genotypes and alleles with biomarkers of pediatric asthma severity namely eosinophil cationic protein [ECP], high-sensitivity C-reactive protein [hs-CRP], immunoglobulin E [IgE], and blood eosinophils count [BEC] and the Forced expiratory volume 1 [FEV1]. The study included 96 children grouped into G1 [50 healthy] and G2 [46 asthmatics]. ECP, hs-CRP, and total IgE serum levels were assayed by their corresponding ELISA kits. Neonatal venous blood DNA was extracted using Gene JET™ Whole Blood Genomic DNA Purification Mini Kit. The genotyping was done by RT-PCR. Significantly higher percentages of LPCA1-rs8352 GC & CC-genotypes were found in G2 than in G1 [p<0.001]. Asthma severity, BEC and ECP, hs-CRP, and total IgE serum levels were significantly higher while the FEV1 values were lower in children with LPCA1-rs8352 CC-genotype than in those with GC and GG genotypes and in children with the GC-genotype than in those with the GG-genotypes. In conclusion, The C allele of the LPCA1-rs8352 SNP is associated with pediatric asthma onset and severity. We recommend a national-wide study to investigate the genotypic distribution of the LPCA1-rs8352 and other SNPs in the population and their associations with the onset and severity of asthma.

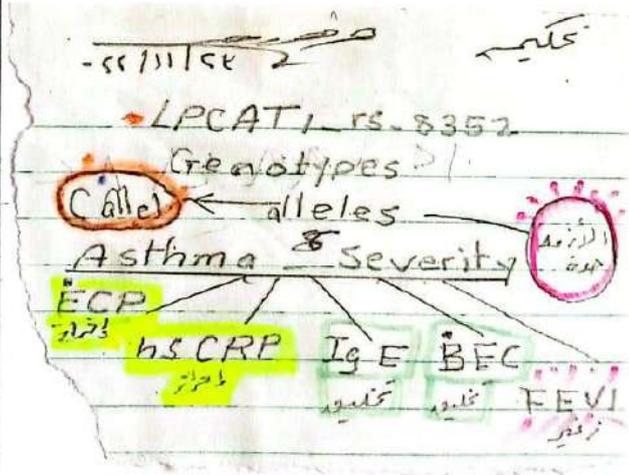
مراجعة المراجعة
تمت في نوفمبر 2022

1- % LPCA1-rs8352
CC GC
P < 0.001

2- Ast/BEC/ECP,
hsCRP+IgE/FEV1
CC

3- C allele 8351
SNP
الأزرق والحمراء
التوصيف

4- SNP هذا ال
لقياس تورم الشعبه
وقميا خصه النسبة والحمراء



Genotyping

تعمیر شد
تاریخ: ۱۹
تاریخ: ۱۹
تاریخ: ۱۹

JOURNAL OF
BIOCHEMICAL AND MOLECULAR TOXICOLOGY

PFOA
Perfluorooctanoic acid induces testicular injury in male rats through oxidative stress and suppression of ribosomal protein gene expression

۱۹/۱۹/۱۹

Journal:	Journal of Biochemical and Molecular Toxicology
Manuscript ID:	JBT-24-1034
Wiley - Manuscript type:	Research Article
Date Submitted by the Author:	21-Aug-2024
Complete List of Authors:	Deng, Xinxin; Bengbu Medical University Qiao, Ying; Bengbu Medical University Liu, Xuan; Bengbu Medical University Cheng, Lin; Bengbu Medical University Wang, Li; Bengbu Medical University Qian, Tingting; Bengbu Medical University
Keywords:	PFOA, oxidative stress, ribosomal protein, testis injury, BTB

SCHOLARONE™
Manuscripts

تاریخ: ۱۹/۱۹/۱۹
تاریخ: ۱۹/۱۹/۱۹

Advertisement

[Account login](#) | [Share & collaborate](#) | [Manage your subscription](#) | [About BioMedLib](#)

BioMedLib

"Who is Publishing in My Domain?"

Scientific Domain of This Journal (Go to your account to modify this domain)

This report is created for the scientific domain defined by:

Publications:

Salama RH, Nassar AY, Nafady AA, Mohamed HH: A novel therapeutic drug (copper nicotinic acid complex) for non-alcoholic fatty liver. *Liver Int*, 2007 May;27(4):454-64. PMID: 17403185.

[Abstract](#) | [1 citer](#) | [More from the authors](#) | [Email](#) ragaa_2002@yahoo.com | [Citation export](#)

Keywords:
(no keyword)

Table of Contents

- 1: [Top 20 Articles, in the Domain of Article 17403185, Since its Publication \(2007\)](#)
- 2: [Top 20 Articles, in the Domain of Article 17403185, in the Past 2 Months](#)
- 3: [Top 20 Free-Fulltext Articles, in the Domain of Article 17403185, in the Past 12 Months](#)
- 4: [Articles Citing the Publication](#)

Note: blue texts are hyperlinks to webpages outside this document, and dashed italic texts are links within this document

Advertisement

List 1 Top 20 Articles, in the Domain of Article 17403185, Since its Publication (2007)

- ▶ What is this list? Read the [explanation](#).
- ▶ Note: when none of the articles in the list is relevant to your topic, this means there haven't been new publications on your topic in this time-frame.
- ▶ Note: orange text shows articles published within the past 6 months, and green text shows articles published within the past 18 months.

1. [A novel therapeutic drug \(copper nicotinic acid complex\) for non-alcoholic fatty liver.](#)

Salama RH, Nassar AY, Nafady AA, Mohamed HH.
Liver Int, 2007 May 27(4):454-64.
[Abstract](#) | [1 citer](#) | [More from the authors](#) | [Email](#) ragaa_2002@yahoo.com | [Citation export](#)

2. [\[Non-alcoholic fatty liver disease in children: a new complication of obesity\].](#)

Bocca G, Stolk RP, Scheenstra R, Sauer PJ.
Ned Tijdschr Geneesk, 2008 Nov 8;152(45):2443-7.
[Abstract](#) | [More from the authors](#) | [Email](#) g.bocca@bkl.umcg.nl | [Citation export](#)

3. [A role for low hepatic copper concentrations in nonalcoholic Fatty liver disease.](#)

Aigner E, Strasser M, Haufe H, Sonnweber T, Hohlta F, Stadlmayr A, Solioz M, Tilg H, Patsch W, Weiss G, Stieckel F, Datz C.
Am J Gastroenterol, 2010 Sep;105(9):1978-85.
[Abstract](#) | [1 citer](#) | [More from the authors](#) | [Citation export](#)

4. [Review article: omega-3 fatty acids - a promising novel therapy for non-alcoholic fatty liver disease.](#)

Masterton GS, Plevris JN, Hayes PC.
Aliment Pharmacol Ther, 2010 Apr;31(7):679-92.
[Abstract](#) | [2 citers](#) | [More from the authors](#) | [Email](#) galestmasterton@hotmail.com | [Citation export](#)

5. [\[Role of the endocrine system in the pathogenesis of non-alcoholic fatty liver disease\].](#)

Hagymsi K, Reisman P, Rácz K, Tulassay Z.
Orv Hetil, 2009 Nov 29;150(48):2173-81.
[Free fulltext](#) | [Abstract](#) | [1 citer](#) | [More from the authors](#) | [Email](#) hagymsi@foresnal.hu | [Citation export](#)

6. [\[Non-alcoholic fatty liver disease and cardiovascular risk\].](#)

Abel T, Fehér J.
Orv Hetil, 2008 Jul 13;149(28):1299-305.
[Abstract](#) | [More from the authors](#) | [Email](#) abelt@t-online.hu | [Citation export](#)

7. [A complex role of activin A in non-alcoholic fatty liver disease.](#)

Yndestad A, Haukeland JW, Dahl TB, Bjoro K, Gladhaug IP, Berge C, Damås JK, Haaland T, Loberg EM, Linnestad P, Birkeland K, Konopski Z, Halvorsen B, Berge RK, Aukrust P.



**CALIFORNIA STATE UNIVERSITY
SAN BERNARDINO**

*The California
State University*

July 9, 1990

**Professor Doctor A.Y. Nassar
Faculty of Medicine
Biochemistry Department
Assiut University
Assiut, Egypt**

**OFFICE
OF THE
VICE PRESIDENT
FOR ACADEMIC
AFFAIRS**

714/880-5024

Dear Professor Doctor Nassar:

I was pleased to receive your letter and to learn of your scientific activities, the many papers you have published and the research activities you are currently engaged in. Please let me know when the Fullbright Scholarship is available at your university. We will be happy to support your application for a Fullbright Scholarship when applications are sent to Assiut University by the Fullbright Office in Cairo. Our university will be quite interested in supporting your visit to the United States.

My best wishes for a happy and prosperous El-Eid.

Cordially,

**Amer El-Ahraf, Vice President
Academic Affairs (Acting)**

AE:cb



IBIP-International Bureau for Intellectual Property

Register International Patent Applications

Here: Register of the International Patent Application

IBIP-International Bureau for Intellectual Property

NASSAR, Ahmed yasien
Department of Biochemistry
Faculty of Medicine
Assiut University
Assiut
Egypt

Dear Addressee!
We offer to include your corporate text in our private company directory, as far as it is included in the WIPO Gazette for International Patent Application. Our offer includes the placement of addresses on the basis of our own data records, the completion of the related work and the carrying out of individual researches. With regard to the exact details of our service (address service, individual researches, access to databases), we refer to our general terms and conditions of trade overleaf, these forming the basis for our conclusion of business. You confirm this offer by remitting the following amount and in doing so, you confirm that the wording of the entry entered by ourselves and rendered here is correct. The duration of the period of entry as the entitled user always amounts to one year as from the conclusion of the contract. The entry includes the name of the company and its postal data. For the sake of completeness, we have provided you with the publication number, publication date, international application no., international filing date, priority date title and the reference number. Any requests for amendments and additions are to be made in writing. THIS IS NOT AN INVOICE. THIS IS A SOLICITATION. YOU ARE UNDER NO OBLIGATION TO PAY THE AMOUNT STATED UNDERNEATH, UNLESS YOU ACCEPT THIS OFFER.

Publication Number: WO/2008/028497
Publication Date: 13.03.2008
International Application No.: PCT/EG2007/000029
International Filing Date: 29.08.2007

Priority Date: 2006090477 06.09.2006 EG
Title: A COMPOSITION OF EGG WHITE COPPER COMPLEXES WITH MEDICINAL BENEFITS
Reference No.: PCT-1435173

Please use, in case of acceptance, a cheque and dispatch it to the below mentioned address or transfer the amount to the bank account, particulars mentioned below:

In case of payment per cheque: IBIP-International Bureau for Intellectual Property LLC
975 Bacons Bridge Rd. #214, Unit 148
Summerville SC 29485, USA

In case of payment per money transfer: COMMERCE BANK
SWIFT: CBNAUS33
ABA: 067014822
ACCOUNT# 6860559159

Note: In the case of acceptance it is important that you quote the Reference number!

Amount: \$ 1537.10

Pos.	Subject	Amount
001	Charges of registration	\$ 1537.10
003	-	\$ 0.00
004	Final amount	\$ 1537.10

You are asked, in case of acceptance, to pay the whole amount of \$ 1537.10, either by cheque or money transfer, indicating the reference number within 10 days.

IBIP-International Bureau for Intellectual Property LLC
975 Bacons Bridge Rd. #214, Unit 148
Summerville SC 29485, USA
Tax ID 26-1968684
PH/Fax (803) 421-0531