

Gehad Abdel Raheem Abdel Jaleel
10 Najati Seraj St. Nasr City, Cairo, Egypt.
Mobile: +2 0111-3133008
Home: +2 02 22755890
E-mail: gehad_abougharam@yahoo.com

EDUCATION:

PHD in Philosophy in Pharmacology

Entitled, "Influence of long term therapy with some serotonergic active drugs on gastric mucosal integrity in rats" *Al Azhar University, Faculty of Pharmacy Nov.2011*

Master of Science in Pharmacology

Thesis titled, "Hepatoprotective effect of silymarin on arthritic rats treated with leflunomide." *Al Azhar University, Faculty of Pharmacy Jan .2007*

Bachelor of Pharmaceutical Science, Very good with honor

May 2001

EXPERIENCE:

Researcher at Pharmacology Department, N.R.C Cairo, Egypt

2002 till now

- Well-trained on various up-to-date experimental apparatuses including plethysmometer, Tail flick, automatic multi chamber organ bath, ECG, EEG, hot plate and electric shocker.
- Participating in AD Instruments workshop "Power Lab in teaching and research Workshop." *November 2008*

Research Interest:

- Inflammation
 - GIT disorders
 - Hepatic diseases
 - Diabetes and its complications
 - Kidney diseases
 - *In-vitro* pharmacology
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PARTICIPATION IN RESEARCH PROJECTS:

- Co-principle investigator in research project "New strategy for treatment of diabetes mellitus and its complications using natural therapies" National Research Center, Dokki (2013-2016)
- A member of a team in research project, "Natural substances as Complementary and alternative therapy for treatment diabetes type -2 and its complications "(2013- 2016).

- A member of a team in research project, "some pharmacological studies on Artemisia herba-alba with special reference to its antidiabetic effect on albino rats" (2013- 2016).
- A member of a team in research project, "Controlling diabetes: pharmacological evaluation on new diabetic candidate; drug design, bioinformatics and drug delivery system" (2013- 2016).
- A member of a team in research project, Cancer and Gold nanotechnology, Prof. Dr. Mustafa Alsayed, National Research Center, Dokki, in corporation with Georgia Tech., research team, USA (2011-2012).

PARTICIPATION IN CONFERENCES:

- Attendance in the 2nd International Conference on Biotechnology and Environmental Safty. 6-8 May, **2014**
 - Attendance in ESBMB- ESTMO. 1-2 May, **2014**.
 - Attendance in The 11th Annual Congress of Medical Sciences, National Research Centre Medical Research Division 17-19th Des/**2013**
 - Participate and attendance in the first international conference "food and agriculture: new approaches"2-4th Des/**2013**
 - Attendance in 10th International Conference of the Medical Research Division, National Research Center, Cairo, Egypt 14-16th Jan./**2013**
 - Participate and attendance in 7th International Conference on biological sciences "Influence of long term treatment with some drugs affecting serotonin pathway on gastric mucosal integrity in rats" Dec. **2012**.
 - Participate and attendance in 1st International Conference on Advanced basic and Applied sciences " Hurghada, Egypt "Anti-inflammatory, gastro protective and antioxidant activities of grape seed extract and kava kava in rats " November **2012**.
 - Participate and attendance in 6th International Conference of the Medical Research Division, National Research Center, Cairo, Egypt. Hepatoprotective effect of silymarin on arthritic rats treated with leflunomide' **2007**. (Speaker).
 - 3rd Annual Meeting of Pharmacology Department- NRC, on "Drug Hazards and Human Health", in October **2005** (Attendance).
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PUBLICATIONS

Grape seed extract attenuates hyperglycaemia-induced in rats by streptozotocin

SA El-Awdan, **GAA Jaleel**, DO Saleh

Bulletin of Faculty of Pharmacy, Cairo University 51 (2), 203-209

Thioacetamide-induced liver injury: protective role of genistein

DO Saleh, **GAR Abdel Jaleel**, SA El-Awdan, F Oraby, M Badawi

Canadian journal of physiology and pharmacology 92 (11), 965-973

Steroidal saponins and homoisoflavanone from the aerial parts of *Sansevieria cylindrica* Bojer ex Hook. A Said, EA Aboutabl, FR Melek, **GARA Jaleel**, M Raslan

Phytochemistry Letters 12, 113-118

Anti-inflammatory effects of medicinal plants mixture used by Bedouin people in Saudi Arabia. E Elsharkawy, M Elshathely, **GA Jaleel**, HI Al-Johar

Herba Polonica 59 (3), 76-87

Whey protein products and their combination with L-methionine prevent liver fibrosis incidence in thioacetamide-toxicated rats

SA Nada, NF Hassan, EEDS Eldenshary, **GA Reheem**, AHM Hassan

Pharmacological effects of ethanol extract of Egyptian *Artemisia herba-alba* in rats and mice

GARA Jaleel, HMI Abdallah, NELS Gomaa

Asian Pacific Journal of Tropical Biomedicine

Prophylactic role of coenzyme Q10 and *Cynara scolymus* L on doxorubicin-induced toxicity in rats: Biochemical and immunohistochemical study

HN Mustafa, SA El Awdan, GA Hegazy, **GAA Jaleel**

Indian Journal of Pharmacology 47 (6), 649

Role of Catecholamine's Compounds in Anti-Inflammatory and Antioxidant of Two Plants *Santolina chamaecyparissus* and *Launaea mucronata*

E Elsharkawy, M Alshathely, **GA Jaleel**

Pakistan Journal of Nutrition 14 (10), 672-679

Alleviation of haloperidol induced oxidative stress in rats: Effects of sucrose vs grape seed extract. SA El-Awdan, **GAA Jaleel**, DO Saleh

Bulletin of Faculty of Pharmacy, Cairo University 53 (1), 29-35

Cu (I) catalyzed alkyne-azide 1, 3-dipolar cycloaddition (CuAAC): Synthesis of 17 α -[1-(substituted phenyl)-1, 2, 3-triazol-4-yl]-19-nor-testosterone-17 β -yl acetates targeting progestational and antipro-liferative activities

ZH Mohamed, NA El-Koussi, NM Mahfouz, AF Youssef, **GAA Jaleel**

European journal of medicinal chemistry 97, 75-82

Therapeutic Implications of Thymoquinone in the Management of Diabetes mellitus and its Complications

SAE Bashandy, **GAA Jaleel**, HMI Abdallah, SES Harraz

Advanced Journal of Phytomedicine and Clinical Therapeutics 3 (3), 287-301

FORMULATION AND EVALUATION OF ETODOLAC LECITHIN ORGANOGEL TRANSDERMAL DELIVERY SYSTEMS

SM Fayez, SG Shadeed, AK El-sayed, **GAA Jaleel**, MM Ghorab

International Journal of Pharmacy and Pharmaceutical Sciences 7 (4)

Formulation and evaluation of topical niosomal gel of baclofen

A Mohamed, ER Bendas, S Mohamed, **GA Abdel-Jaleel**, SM Nasr-Alla

Journal of Chemical and Pharmaceutical Research 7 (1), 277-288

Synthesis, reactions, antioxidant and anticancer evaluation of some novel coumarin derivatives using ethyl 2-(2-oxo-4-phenyl-2H-chromen-7-yloxy) acetate as a starting material

AH Halawa, AAEH Hassan, MA El-Nassag, MMA El-All, **GAERA El-Jaleel**,

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European Journal of Chemistry 5 (1), 111-121

Non-carboxylic Analogues of Aryl Propionic Acid: Synthesis, Anti-inflammatory, Analgesic, Antipyretic and Ulcerogenic Potential

AAAG S. I. Eissa 1, A. M. Farrag 1

Arzneimittel-Forschung/Drug Research 64 (1)

SYNTHESIS OF NOVEL STEROIDAL 17 α -TRIAZOLYL DERIVATIVES VIA CU (I)-CATALYZED AZIDE-ALKYNE CYCLOADDITION AND THEIR EVALUATION AS POTENTIAL PROGESTATIONAL AGENTS

MMF Ismail, DH Soliman, NMA Eldydamony, **GAA Jaleel**, AF Youssef

International journal of pharma medicine and biological sciences 3 (3), 58

Benzofuran–Morpholinomethyl–Pyrazoline Hybrids as a New Class of Vasorelaxant Agents: Synthesis and Quantitative Structure–Activity Relationship Study

GS Hassan, DE Abdel Rahman, DO Saleh, **GAR Abdel Jaleel**

Chemical and Pharmaceutical Bulletin 62 (12), 1238-1251

SYNTHESIS AND ANTIOXIDANT ACTIVITY OF SOME DERIVATIVES
OF 2-(2-OXO-4-PHENYL-2H-CHROMEN-7-YLOXY) ACETO-
HYDRAZIDE

AHB Mahmoud Mohamed Abd El-All , Ahmed Hamdy Halawa,
AhmedJournal of Atoms and Molecules 3 (4), 537–552

Antihyperglycaemic effect of kava kava (piper methysticum) in streptozotocin-
induced diabetic rats

GAA Jaleel, DO Saleh, SA El-Awdan
Der Pharmacia Lettre 5 (5), 104-110

Hepatoprotective effect of silymarin on arthritic rats treated with leflunomide

Gehad A.Abdel Jaleel,Ola A. Sharaf, Azza A. Ali
Journal of pharmacology and toxicology 8 (3), 73-81

SPECIAL SKILLS:

Computer skills: holding ICDL certificate. Specialized programs: SPSS, EndNote and
Graphpad prism.

Languages: fluent in Arabic and English, both written and spoken.

PERSONAL DATA:

- Date of birth: Nov. 20, 1978
- Marital status: married with three children
- Nationality: Egyptian

TEACHING EXPERIENCE:

- Training students on experimental animals (handling , rote of administration and
ovairectomy and pylorus ligation techniques in rats)
From 14th July till 20th August /2013.
- Examiner of pharmacology and bioassay in faculty of pharmacy, Alazhar University.

SEMINARS AND SYMPOSIUM:

- Attendance in “Scientific thinking and Argumentation Skills for problem Solving”
April/**2014**. DAAD, National Research Center.
- Attendance in “Ethics in Science” March/**2014** DAAD, National Research Center.
- Attendance in symposium" Standards and Ethics of the International Publication" Feb.9,
2014 National Research Center.
- Co-ordinate in workshop “Surgical and non surgical procedures of experimental
pharmacology” 18th Des/**2013** National Research Center.

- Participate and attendance in symposium, “Scientific Approach to understand stem cells (Application and treatment)” 15th Jan/**2013** National Research Center.
 - Attendance in “Future of regeneration medicine technologies in Egypt” June/**2013**.
 - Attendance in “Formulation and writing project proposal” May/**2013**.
 - Attendance in Data Statistical Analysis using SPSS program “Statistical basic and practical application” March/**2013**.
 - Training students on experimental animals (handling , rote of administration and various Techniques) from 8th July till 9th August /**2012**.
 - Participate in "introduction of nanotechnology" National Research Center, /**2012**.
 - Participate in "Pathophysiology and models of peptic ulcer" National Research Center, /**2011**.
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MEMBERSHIP OF SCIENTIFIC SOCIETIES

- Membership of the Egyptian Society of Pharmacology and toxicology
 - Membership of the Egyptian Society of biochemistry.
 - Membership of the Egyptian Society of Natural Toxins
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