

**Dr. AIMUN A. E. AHMED**

**Brief Citation**



**Dr. AIMUN A. E. AHMED**  
Born in Shendi, Sudan in  
December, 1975

**Address**

Department of  
Pharmacology, faculty of  
Medicine, Al Baha  
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“Be Simple to be  
SMART”



كلية الطب  
Faculty of Medicine  
جامعة الباحة

**EDUCATION**

- ❖ **Ph.D. in Pharmacy** (Pharmacology) (2012). Faculty of Pharmacy, University of Szeged, Hungary.
  - Thesis Title: *Pharmacological investigations of natural  $\beta_2$ -adrenoceptors agonists on rat uterus in vitro and in silico studies.*
  - Ph. D. Supervisor: Prof. George Falkay
- ❖ **M. Pharm. in Pharmacy** (Pharmacology) (2006). Faculty of Pharmacy, University of Khartoum, Sudan.
  - Thesis Title: *Pharmacological Studies on the Extract of two Medicinal Plants in Sudan (Khaya senegalensis & Mangifera indica)*
  - Master Supervisor: Prof. Idris Babiker Eltayeb.
- ❖ **B. Pharm. (Hons.) in Pharmacy** (2001). Faculty of Pharmacy, University of Khartoum, Sudan.

**EXPERIENCE**

- ❖ **Associate Professor**, Department of Pharmacology, Faculty of Pharmacy, Omdurman Islamic University, (2017- present), P.O. Box 382, Khartoum, Sudan.
- ❖ **Ass. Professor** of Pharmacology, Faculty of Medicine, Al Baha University, KSA (2015 - up -to- date)
- ❖ **Head Department of Pharmacology**, Faculty of Pharmacy, Omdurman Islamic University; (2012-2015).
- ❖ **Head Department of Pharmacology and Toxicology**, Faculty of Pharmacy, Africa International University; (2013- 9/2014).
- ❖ **Assistant professor** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2012)
- ❖ **M. Pharm. Program Founder Coordinator**, Department of pharmacology, faculty of pharmacy, Omdurman Islamic University; (2013- 2015).
- ❖ **Member of Sudanese Medical Specialization Board (S.M.S.B)** (2014-2015), Secretary of Research Committee.
- ❖ **Lecturer** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2006 – 2012).
- ❖ **Lecturer** (part-time) (Pharmacology), Faculty of pharmacy, the National Ribat University;
- ❖ **Teaching assistant** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2001 – 2006).
- ❖ **Community Pharmacist**, (2001-2008)

**ACHIEVEMENTS**

- ❖ Dr. Aimun is an active Teacher; **he taught Pharmacology and Toxicology Courses for different Medical students** (Pharmacy, medicine, Dentistry,..etc), Currently he is teaching at Faculty of Medicine, Al Baha University, KSA as lent from Faculty of Pharmacy, OIU.
- ❖ Dr. Aimun is an active Academic researcher; **he supervised 4 Ph. D. , 22 M. Pharm. graduates and 11 graduation dissertation projects** in various pharmacological and Toxicological aspects
- ❖ **He has published more than research articles** and wrote **2 Books** and **1 Chapter** and Attended several Scientific meetings as Presenter and Facilitator.
- ❖ He actively Participated in a lot of committees and conducted research projects.

**RESEARCH INTERESTS**

- ❖ Dr. Aimun preferred research topics include:
  - Drug discovery and development
  - Pharmaco-informatics and In silico Pharmacology
  - Biostatistics-based research such as Systematic review and Meta-analysis
  - Pharmacoepidemiology
  - New trends in therapeutics and Pharmacotherapy

## Curriculum Vitae

### **Dr. Aimun Abdelgaffar Elhassan Ahmed (Aimun AE. Ahmed)**

Department of Pharmacology, faculty of Pharmacy, OIU, P.O. Box, Elfetihab,  
Omdurman, Sudan

**Phone:** +249912200725; **Email:** [aimun725@hotmail.com](mailto:aimun725@hotmail.com); [aimun725@oiu.edu.sd](mailto:aimun725@oiu.edu.sd)

## **EDUCATION**

- ❖ **Ph.D. in Pharmacy** (Pharmacology) (2012). Faculty of Pharmacy, University of Szeged, Hungary.
  - Thesis Title: *Pharmacological investigations of natural  $\beta_2$ -adrenoceptors agonists on rat uterus in vitro and in silico studies.*
  - Ph. D. Supervisor: Prof. George Falkay
- ❖ **M. Pharm. in Pharmacy** (Pharmacology) (2006). Faculty of Pharmacy, University of Khartoum, Sudan.
  - Thesis Title: *Pharmacological Studies on the Extract of two Medicinal Plants in Sudan (Khaya senegalensis & Mangifera indica)*
  - Master Supervisor: Prof. Idris Babiker Eltayeb.
- ❖ **B. Pharm. (Hons.) in Pharmacy** (2001). Faculty of Pharmacy, University of Khartoum, Sudan.

## **EXPERIENCE**

- ❖ **Associate Professor**, Department of Pharmacology, Faculty of Pharmacy, Omdurman Islamic University, (2017- present), P.O. Box 382, Khartoum, Sudan.
- ❖ **Ass. Professor** of Pharmacology, Faculty of Medicine, Al Baha University, KSA (2015 - up -to- date)
- ❖ **Head Department of Pharmacology**, Faculty of Pharmacy, Omdurman Islamic University; (2012-2015).
- ❖ **Head Department of Pharmacology and Toxicology**, Faculty of Pharmacy, Africa International University; (2013- 9/2014).
- ❖ **Assistant professor** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2012)
- ❖ **M. Pharm. Program Founder Coordinator**, Department of pharmacology, faculty of pharmacy, Omdurman Islamic University; (2013- 2015).
- ❖ **Member of Sudanese Medical Specialization Board (S.M.S.B)** (2014-2015), Secretary of Research Committee.
- ❖ **Lecturer** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2006 – 2012).
- ❖ **Lecturer** (part-time) (Pharmacology), Faculty of pharmacy, the National Ribat University;
- ❖ **Teaching assistant** (Pharmacology), faculty of pharmacy, Omdurman Islamic University; (2001 – 2006).
- ❖ **Community Pharmacist**, (2001-2008)

## **TEACHING EXPERIENCE**

### **UNIVERSITY COURSES**

- **Ass. Professor (2015- to- date)**  
**Faculty of Medicine, Al Baha University, KSA**  
**Courses:**
  - Basic and Clinical Pharmacology for pre-clinical medical students.
  - Applied therapeutics for the clinical phase medical students.
- **Ass. Professor (2012- 2015)**  
**Faculty of Pharmacy, OIU, Ribat, Africa and others**  
**Courses:**
  - Basic and Clinical Pharmacology for Pharmacy students.
  - Toxicology for Pharmacy students.
  - Pharmacology and Toxicology Practical sessions.

- **Supervisor:** I Have supervised **11** graduation research projects (see page 6 for details)

### **CURRICULUM DEVELOPMENT**

- Contributed as a founder in the design and development of the curriculum of M. **Pharm. degree program** in **Basic, Clinical Pharmacology** and **Clinical Toxicology**, OIU, Sudan, 2014.
- Designed and developed the **Pharmacology curriculum**, program of Pharmacy, Al Nahda College,
- Updated and modified the syllabus of **Pharmacology and Toxicology**, Africa International University, 2013
- Updated and modified the syllabus of **Pharmacology and therapeutic**, Faculty of Medicine, Al Baha University, 2015
- Designed and developed the **Practical Pharmacology curriculum**, Faculty of Medicine, Al Baha University, 2015.
- Contributed as a founder in the design, development and taught of the Biostatistics curriculum of M. **Pharm. degree program** in **Pharmaceutical Quality Control**, Ribat University, Sudan, 2014.

### **WORKSHOPS/TRAINING COURSES**

- I Have designed, organized, taught and/or instructed several national and international workshops on **Scientific Paper Writing** (See page 9 for details).
- I Have contributed in designing, organizing, Teaching and/or in structuring national international workshops on **Fundamental Vigilance of Ophthalmology Drugs & Instruments**, Workshop Instructor, The 4<sup>th</sup> Red sea Ophthalmology Conference, KSA, Jeddah, January 11- 14, 2018.
- I Have designed, organized, taught and/or instructed several national and international workshops on **Bibliography and Citation Management Using "EndNote" Software** (See page 8 for details).
- I Have contributed in designing, organizing, Teaching and/or in structuring national international workshops on **Evidence-based Medicine for Healthcare professionals**: Workshop Facilitator, The 2nd Red sea Ophthalmology Conference, KSA, Jeddah, January 14- 16, 2016.
- I taught different courses for postgraduate M. Pharm. Students.

### **TECHNICAL SKILLS**

- Expert in developing and performing various pharmacological and Toxicological experiment at different levels.
- Well-trained in Biostatistics analysis.
- Highly inquisitive, Creative and Resourceful.
- Excellent skills in communication and collaboration.

### **PROJECTS AND GRANTS**

I participated actively in the following projects:

- 1- The Omdurman-Aimun-Tilal Project for Drug Discovery and Development, 2015-2035 (OAT-PDDD-2015-2035). This project was funded by the self-resources in a collaborative manner (No Grant Number was provided).
- 2- The project: Investigation of Medicinal Plants with Putative Ocular Effects from Al Baha Area, Southwestern, Saudi Arabia, (Grant Number was MOE-BU-X-2020).
- 3- Determination and description of Medicinal Plants at Hills and Beach regions of Al Baha (Grant Number was MOE-BU-7-2020).

### **RESEARCH INTERESTS**

Our research activities focus on the following topics:

- a. Drug discovery and development
- b. Pharmaco-informatics and In silico Pharmacology

- c. Biostatistics-based research such as Systematic review and Meta-analysis
- d. Pharmacoepidemiology
- e. New trends in therapeutics and Pharmacotherapy

These research utilizes *in vitro*, *in vivo*, *in silico* and others and conducted in collaboration with scientists worldwide.

### **REGISTERED POST GRADUATE RESEARCH STUDENTS**

The following students are currently registered under my supervisor for M. Pharm./Ph. D. degrees:

S. No	Name of Students	Degree	Project title	Year	University
1	Dr. Omer Hashim	Ph. D.	Characterization of ligand-gated ion channels of the human louse ( <i>Pediculus humanus</i> ) to develop new treatment strategies	2018	Tours (France) + Gezira (Sudan)
2	Mohammed Ahmed Altigani Alsunny	M. Pharm. (Dissert.)	Evaluation of Poly-pharmacy Outcomes in Hypertension Management among National Health Insurance Clients, Gezira State, Sudan, 2 016	2021	University of Gezira

### **GRADUATED RESEARCH STUDENTS**

The following students have graduated under my supervisor:

S. No	Name of Students	Degree	Project title	Year	University
1	Dr. Abdelhadi Yassin Abdelhadi Yassin	Ph. D.	Evaluation of Anticonvulsant, anxiolytic and sedative effects of various plants ( <i>Cyperus rotundus</i> , <i>Acacia seyal</i> , <i>Nigella sativa</i> and <i>Ocimum basilicum</i> ) On experimental animals	2017	OIU
2	Mhdia Elhadi Dafa alla Osman	Ph. D.	Assessment of Breast Cancer Therapy in Khartoum State, A Pharmacogenomic Study	2015	OIU
3	Abd-elhalim Omer Ali Mustafa	Ph. D.	Pharmacological and Toxicological Studies on Synthetic Iso-indole Derivatives	2017	OIU
4	Khadeja Jabr Ali Amar	M. Pharm.	Assessment of Topical Anti-glaucoma Drugs' Effects on Tears Film Patients in Makka Eye Complex (MEC), Riyadh, Khartoum, 2013	2014	OIU
5	Ammar Elhafiz Elsayed Mohammed Ahmed	M. Pharm.	The Pharmacological Studies of Crown Gall Tumors Ethanolic Extract	2015	OIU
6	Hind Mohammed Osman Khalifa	M. Pharm.	Epigenetic Analysis Tools and Cancer's Therapy Assessment: A <i>Systematic</i>	2016	OIU

			<i>Review with Meta-analysis Study</i>		
7	Leena Abdulaziz Muhamed Elhassan	M. Pharm.	The Biological Evaluation of Certain Novel Synthetic Chalcone Derivatives	2017	OIU
8	Ejlal Abdallah Abdallah Abdallah	M. Pharm.	The Pharmacological and Toxicological Properties of Novel Synthetic Cytotoxic Compounds Activity	2018	OIU
9	Esraa Elhadi Ebdelgadeem Abbo	M. Pharm.	The Pharmacological and Toxicological Properties of Synthetic Antiepileptic Compounds	2016	OIU
10	Saif-Alnasr Hassan Mohamed Alhassan	M. Pharm.	Clinical Trials of New Sudanese Herbal Anti-diarrheal Agent	2016	OIU
11	Reem Ali Mohamed Balool	M. Pharm.	The Toxicological Effects of Red Onion Peel Aqueous Extract, on Rats, in vivo Study	2017	OIU
12	Mawahib Elmutasim Hassan Abdalla Elfeil	M. Pharm.	Pharmacological and Toxicological Characterization of New Amide Prodrug of Ibuprofen,	2016	IUA
13	Samrin Khalil Nogd Alla Ahmed	M. Pharm.	Pharmacological Evaluation of Synthetic New Fenamic Acids Amide Prodrugs	2016	IUA
14	Mazin Yousif Babiker El-safi (B. Pharm., 2013)	M. Pharm.	Assessment of Anti-inflammatory Activity of New Synthetic Phenoxy Pyrazolyl Hydrazones	2016	IUA
15	Yahya Mukhtar	M. Pharm.	A Clinical Study on the Use and Outcome of Drugs for Management of Disc Herniation among Sudanese	2017	IUA
16	Reem Mubarak Ahmed Hassab-alrasoul	M. Pharm.	In silico Pharmacological Evaluation of New Synthetic Chalcones	2017	IUA
17	Fath-elrahman Awad -elkareem Idris Ismail (B. Pharm., 2011)	M. Pharm. (Dissert.)	Management of Hypertensive Urgencies and Emergencies at Emergency Department of Khartoum State's Hospitals	2016	OIU
18	Mohammed Ali Khalifa Ahmed, (B. Pharm., 2012)	M. Pharm. (Dissert.)	Evaluation of Use and Outcomes of Diazepam at Emergency Departments of Khartoum State Hospitals	2016	OIU
19	Mohamed Hassan Mabrouk Mustafa, (MBBS, 2012)	M. Pharm. (Dissert.)	Evaluation of Nebulized-Salbutamol regimen for Pediatric Asthma at Emergency Departments of Khartoum State Hospitals.	2018	OIU
20	Omar Hashim Ahmed Omar, (B. Pharm., 2004)	M. Pharm. (Dissert.)	A Study on Use and Outcomes of Ceftriaxone at Emergency Departments of Pediatrics Hospitals in Khartoum State.	2016	OIU

21	Reem Salah Adam Mohamed, (B. Pharm., 2012)	M. Pharm. (Dissert.)	Quinine Utilization in Severe Malaria at Emergency Departments of Khartoum State's Hospitals		OIU
22	Sara Jalal Ahmed Mohammed, (B. Pharm., 2007)	M. Pharm. (Dissert.)	Propranolol Utilization in Cardiovascular Diseases at Emergency Departments of Khartoum State's Hospitals	2017	OIU
23	Tarteel Hassan Saad Ali, (B. Pharm., 2012)	M. Pharm. (Dissert.)	Evaluation of Use and Outcome of Organic Nitrate at Emergency Department of Khartoum State Hospitals	2017	OIU
24	Amgad Haroun Hassan, ((B. Pharm., 2012)	M. Pharm. (Dissert.)	Evaluation of Use and Outcome of Captopril at Emergency Department of Khartoum State Hospitals	2016	OIU

### **SUPERVISED UNDERGRADUATE DISSERTATION PROJECTS**

The following students are currently registered under my supervisor for M. Pharm./Ph. D. degrees:

S. No	Name of Students	Degree	Project title	Year	University
1	Samrin khalil nogd alla ahmed + Mawahib elmutasim hassan abdalla elfeil	B. Pharm.	The Pharmacological Effects of <i>Fagonia cretica</i> linn ethanolic extract on isolated rabbit intestine	2013	IUA
2	Mazin Yousif Babiker El-safi	B. Pharm.	Voltage-gated Ion Channels, New Targets in Anti-cancer Research, A Systematic Review with Meta-analysis Study, 2003-2013	2013	IUA
3	Amina Abdelhalim Gasm El-Bari + Wadeaa Aldaw Fadl Almawla	B. Pharm.	Herbal and Diet medication interaction in Diabetic Patients.	2013	IUA
4	Areej Abdelkhalig Mohamed Attar Shima Shawgi Khleel Abdeen	B. Pharm.	Assessment of Oxytocin Policies-used in Different Hospitals in Khartoum State, 2013	2013	IUA
5	Esraa ahmed altayb abdallrazeg + Alia salah balla abdalla	B. Pharm.	Survey in Relationship between Extensively-use Drugs and Increment of Renal Failure Incidences among Sudanese Patients in Khartoum Teaching Hospital, 2013	2013	IUA
6	Maha jalal	B. Pharm.	Evaluation of the Drugs' Regimens during Ramadan, in Sudan	2013	IUA

7	Wessal Hassan Mohammed Osman. + Maryam Ramadan Omer Ramadan.	B. Pharm.	Acute Oral Toxicity of <i>Moringa oleifera</i> Ethanolic leave Extract in Rats Using Limit- Dose Test of Up & Down Procedure <i>in vivo</i>	2013	IUA
8	Reem Mubarak Ahmed Hassab- alrasoul	B. Pharm.	Comprehensive Treatment of Multiple Sclerosis's Symptoms, Systematic Review with Meta-analysis Study, 2004-2014	2014	IUA
9	Rugaya Mamdouh Mahmoud Saleem + Safwa Abdelmoniem Ahmad Ibrahim	B. Pharm.	Acute Oral Toxicity of Natural Weight-Reducing Mixture in Rats, <i>in vivo</i> study	2014	IUA
10	Abdallah Saad Mohamed Gohar + Yahya Mukhtar Bebeji	B. Pharm.	<i>In vivo</i> evaluation of Coca- Cola Acute oral toxicity in rats (Temperature effect)	2014	IUA
11	Ahmad Othman Muhammad Othman Kunna + Alaa-aldeen Makki Muhammad Ali + Bala Ahmad	B. Pharm.	<i>In Vitro</i> Skeletal Muscle Effect of a Mixture Isolated From a Sudanese Medicinal Plant With Antileishmanial Activity	2015	IUA

## COMPUTER SKILLS & LANGUAGES

Highly skilled in most

I spoke the following languages with different levels:

- English: Fluent in written and spoken.
- Arabic: Mother tongue.
- Hungarian: Basic

## POST GRADUATE EXAMINATION AND DISSERTATION DISCUSSION

I have been selected as external /internal examiner for the following thesis and dissertations:

- External Examiner for the M. Pharm thesis entitled: ***Bio-screening of some Plants' Seeds with Putative Antiulcerogenic Activity in Rats.*** Thesis submitted to the Sudan Academy of Science, Khartoum, 15-may-2013.
- Internal examiner for the Ph. D. thesis entitled: ***Screening of Bioactive Metabolites of Two Medicinal Plants from Sudan with Putative Hypoglycemic Effect.*** Thesis submitted to the Faculty of Science, Omdurman Islamic University, Omdurman, 01-March-2014.
- External Examiner for the B. Pharm dissertation entitled: ***Assessment of Acenocoumarol Prescribing compared to Warfarin among patient with Mechanical valve replacements (MVR) who are resistant to Warfarin or poorly controlled using Roosendaal method: Case series study,*** University of Medical Sciences and Technology, Khartoum, 09-feb-2014.

- External Examiner for the B. Pharm dissertation entitled: **Healthcare Workers Perception about the Role and Potential Barriers to Clinical Pharmacy**, University of Medical Sciences and Technology, Khartoum, 09-feb-2014.
- External Examiner for the B. Pharm dissertation entitled: **Pharmacists Response Regarding Questions about Contraceptives Use in Khartoum City**, University of Medical Sciences and Technology, Khartoum, 09-feb-2014.

### **Reviewer**

I have been recognized as reviewer for international highly-prestige journals such as: (see attached certificates)

- British Journal of Clinical Pharmacology (BJCP); Wiley & Sons, USA.
- International Journal of Clinical Practice (IJCP); Wiley & Sons, USA.
- Diabetes & Metabolic Syndrome: Clinical Research & Reviews; Elsevier, Netherland.

### **PARTICIPATION IN SCIENTIFIC MEETINGS**

I have been participate actively in the following scientific events:

- 1- **The 4<sup>th</sup> Red sea Ophthalmology Conference**: selected to organized and conduct a Workshop on: Scientific Paper Writing, as Workshop Instructor , KSA, Jeddah, during January 11- 14, 2018.
- 2- **The 4<sup>th</sup> Red sea Ophthalmology Conference**: selected to organized and conduct a Workshop on: Fundamental Vigilance of Ophthalmology Drugs & Instruments, Workshop Instructor, as Workshop Instructor , KSA, Jeddah, during January 11- 14, 2018.
- 3- **The 23<sup>rd</sup> The 23<sup>rd</sup> Saudi ORL Conference**: selected to organized and conduct a Workshop on: Bibliography and Citation Management Using "EndNote" Software. As Workshop Instructor, Al baha, KSA, Baljurashi, during April 20- 21, 2017.
- 4- **The 3<sup>rd</sup> Red sea Ophthalmology Conference**: selected to organized and conduct a Workshop on: Scientific Writing & Its Evaluation Using SWAN Tool a Fundamental Skills for Scientists, as Workshop Instructor, , KSA, Jeddah, during January 4- 7, 2017.
- 5- **The 2<sup>nd</sup> Red sea Ophthalmology Conference**: selected to organized and conduct a Workshop on: Evidence-based Medicine for Healthcare professionals: as Workshop Facilitator, , KSA, Jeddah, during January 14- 16, 2016.
- 6- **The 3<sup>rd</sup> PharmSciFair Conference**, selected as the 2<sup>nd</sup> top Poster presented entitled: In vitro and in silico pharmacological investigations of natural  $\beta$ 2-Adrenoceptors agonists., Prague, Czech Republic, during June 13-17, 2011.

### **ATTENDED WORKSHOPS AND TRAINING COURSES**

Participate as trainer in the following events:

- 1- A work shop on Pharmacogenomics and pharmacogenetics and their application in drug development, Khartoum, Sudan
- 2- Pharmacists pre- registration course; on Pharmacy law & Ethics (General Directorate of Pharmacy, federal ministry of health & World Health Organization (WHO) );( 2001-2003).
- 3- One month course of Teaching methodology; (Teaching staff development centre, University of Khartoum)
- 4- Problem- Based Pharmacotherapy Teaching Training Course; (Sudan Medical Specializations Board & WHO & General Directorate of Pharmacy, Federal Ministry of Health); (30/07/2005- 04/08/2005).
- 5- Fundamentals of Biostatistics Using (SPSS) (faculty of pharmacy & training directorate, Omdurman Islamic University).
- 6- National Training Course on Computational Chemistry (Molecular Docking & its Applications in Drug Designing); (Medicinal & Aromatic Plants Research Institute, Khartoum, Sudan); (01/07/2007- 05/07/2007).



## ATTENDED CONFERENCES, SEMINARS AND SYMPOSIA

Participate as trainer in:

- 1- **Proteins, Peptides and Peptidomimetics Applications in Drug Discovery and Drug Development** February 7-8, 2011, Uppsala, Sweden.
- 2- **Effective Teaching and Learning Strategies based on New Trends in Health Professions Education.** (12 training hours), 31 Dec-2019-1 Jan, 2021, Al Baha, KSA.
- 3- **Assessment and Evaluation of Health Professions Education Programs,** (12 training hours), 31 Dec-2019-1 Jan, 2021, Al Baha, KSA.
- 4- **Application of Quality measures Standards in Building Educational Courses,** 01 March-2020, Al Baha, KSA.

## LIST OF PUBLICATIONS

My peer-reviewed Research publications are:

### A- Published/Accepted:

Year	Article	Impact Factor	Country
2006	<b>1. Ahmed A EE,</b> Eltyeb I B, Mohamed A H. Pharmacological activities of Mangifera indica Fruit Seed Methanolic Extract. Omdurman Journal of Pharmaceutical Sciences (2006), 1(2): 216-231, <b>(Local Sudanese)</b>	-	Sudan
2010	<b>2. Aimun Abdelgaffar Elhassan Ahmed,</b> Robert Gaspar, Arpad Marki, Andrea Vasas, Mahmoud Mudawi Eltahir Mudawi, Judit Hohmann and George Falkay. Uterus-Relaxing Study of a Sudanese Herb (El-Hazha). American J. of Biochemistry and Biotechnology 6 (3): (2010) 231-238.	1.493	USA
2011	<b>3. Aimun AE. Ahmed,</b> Arpad Marki, Robert Gaspar, Andrea Vasas, Mahmoud M.E. Mudawi, Balázs Jójárt, Judit Verli, Judit Hohmann, and George Falkay. $\beta_2$ -Adrenergic activity of 6-methoxykaempferol-3-O-glucoside on rat uterus: <i>in vitro</i> and <i>in silico</i> studies. European Journal of Pharmacology 667 (2011) 348–354.	2.737	Netherland
	<b>4. Aimun AE. Ahmed,</b> Arpad Marki, Robert Gaspar, Andrea Vasas, Mahmoud M.E. Mudawi, Balázs Jójárt, Renáta Minorics, Judit Hohmann, and George Falkay. <i>In vitro</i> and <i>in silico</i> pharmacological investigations of a natural alkaloid. Medicinal Chemistry Research, DOI:10.1007/s00044-011-9946 0.	1.058	Switzerland
2013	<b>5. Aimun AE. Ahmed,</b> Tasnim O. Elsammani, Mawahib E. H. Elfeil, Samrin K. N. Ahmed (2013). The Pharmacological Effects of Fagonia Cretica Linn Ethanolic Extract on Isolated Rabbit Intestine, <i>International Journal of Pharmacology and Toxicology</i> , 1 (2) (2013) 91-98.	-	Jordan
2011	<b>6. Abubakr Khidir Yousif, Aimun AE. Ahmed,</b> Ali Babiker Habour and Yousif MA, (2013), Bacterial Etiology of Community-Acquired Pneumonia (CAP) In Children above Five Years Wad Medani, Sudan, Health and Development Journal / Volume1 / No4 / August 2011. <b>(Local Sudanese)</b>	-	Sudan
2014	<b>7. Aimun AE. Ahmed,</b> Robert Gaspar, Arpad Marki, M. M. E. Mudawi and George Falkay, (2014), Partial agonistic property of new isolated natural compounds, Journal of Chemical and Pharmaceutical Research, 2014, 6(3):1294-1298	-	India

2014	<b>8.</b> Yousif, A. , <b>Ahmed, A.</b> , Idris, A. , Elmustafa, M. and Ahmed, E. (2014), The Use of Bleaching Creams among Central Sudan Students, 2010. <i>Pharmacology &amp; Pharmacy</i> , <b>5</b> , 532-539. doi: 10.4236/pp.2014.55063.	<b>0.45</b>	USA
2014	<b>9.</b> Afrah A. Awad Elkarim, Mahmoud M. E. Mudawi, E. M. A. Elmahd, <b>Aimun A. E. Ahmed.</b> (2014), Assessment of knowledge and practice of diabetic patients towards insulin therapy, <i>World Journal of Pharmaceutical Sciences</i> , 2(6): 520-527.	<b>0.601</b>	India
2014	<b>10.</b> Sara H. Elsalahi, Mahmoud M. E. Mudawi, <b>Aimun A. E. Ahmed.</b> (2014), evaluation of prescribing patterns in primary health care centres of khartoum state, sudan, PHARMANEST "An International Journal of Advances in Pharmaceutical Sciences; 5(4):2242-2247.	-	India
2014	<b>11.</b> Muhanad E. Abdalla, Rehab M. Badi, <b>Aimun AE. Ahmed</b> , Amal M. Saeed , (2014), Human in vivo study: The Effect of Gum Arabic on Coagulation Cascade, <i>Int. Res. J. Pham. App. Sci.</i> ; 4(6):5-8.	-	India
2015	<b>12.</b> Salwa A. Aboud, Abdallah El-yamani, Mohamed A. Hussain, <b>Aimun AE. Ahmed</b> , (2015), Prevalence and antibiotics sensitivity of Staphylococcus aureus skin infection in children in Khartoum, Sudan, <i>Curr Res Microbiol Biotechnol.</i> , 3(4): 690-693.	-	
2015	<b>13.</b> <b>Aimun A. E. Ahmed</b> , Wadeaa A. Fadi-almawla, Amina A. Gasm-El-Bari, Zuheir Osman, Clinical interactions of honey with antidiabetic drugs among some Sudanese diabetic patients in Khartoum, 2013, (2015), <i>Sudan Medical Monitor</i> ,10(3): 81-86.	-	Sudan
2017	<b>14.</b> <b>Aimun A. E. Ahmed</b> , Habab AM. Salih, Zuheir Osman, The Use of Computer-Assisted Learning in Pharmacokinetic Practical Career: A Pioneer Trial in Sudan, (2017), <i>Albaha University Journal of Basic and Applied Sciences</i> , 1(1): 9-15.	-	KSA
<b>Publications After Promotion to Associate Prof</b>			
2018	<b>15.</b> Tsabih MA, Mohammed AO, Omer Abdalla Ahmed, Ayman AA Ali, Ghada M, Abdurahman HN and <b>Aimun AE Ahmed</b> , New, Cheap and Efficient Synthetic Zeolite-X Decontaminant Agent from Fly Ash for Heavy Metal Toxicity, 2018. <i>Journal of Chemical and Pharmaceutical Research</i> , 10(6):110-118	-	India
2018	<b>16.</b> Madani A. M., <b>Aimun A. E. Ahmed</b> , Tilal Elsaman, EI-Hadiyah T. M. and Hatem A. Abdel-Aziz Anti-inflammatory Property of Novel Isoindole Lead Compounds and Estimation of LD50 of the most Active Entity (2018) <i>European Journal of Pharmaceutical and Medical Research</i> , 5(8): 130-136	-	India
2018	<b>17.</b> Mujtaba Alrayah, <b>Aimun A. E. Ahmed</b> , Ibrahim Awad Eljack, Rajab Alzahrani and Majdi S. Altahir Rhinological Problems at Agricultural-industrial Area, Rabak City, Sudan, (2018) <i>Merit Research Journal of Medicine and Medical Sciences</i> , 6(10): 370-378	-	Egypt
2018	<b>18.</b> Motwakel Elamin, Omer M.E.A, Manal Abusam and <b>Aimun AE.</b> Resistance Patterns of Staphylococcus aureus isolates Against Various Conventionally Used Antibiotics, (2018)	-	India

	Elixir International Journal (Elixir Pharmacy), 122: 51644-51651		
2019	<b>19.</b> EI-Hadiyah TM, Madani AM, <b>Ahmed Aimun</b> , Talal Elsaman and Hatem A. Abdel-Aziz. Screening of Novel Isoindole Lead Compounds and Determination mechanism of Action of most Active Ones on Isolated Rabbit Intestine, (2019) European Journal of Pharmaceutical and Medical Research, 6(12): 286-291	-	India
2019	<b>20.</b> M. E.Osman, R.E. Abdalla, <b>A.A. Ahmed</b> , M. E. Mohy-Eldeen and H.M. Elagib Evaluation of Tamoxifen Therapy in Breast Cancer Sudanese Patients A Clinical Pharmacogenomics Study in Radio Isotope Center Khartoum (RICK), (2019) International Journal of Scientific Research and Reviews, 8(1): 2290-2301.	-	India
2019	<b>21.</b> Yasir Elshambaty, Abdulmajeed Alzahrani, <b>Aimun AbdulGafar</b> , Bader Alzahrani, Waleed Shahwan, Abdullah AlFalalah. An unusual cause of road traffic accident with an unusual outcome in Saudi Arabia, (2019) International Journal of Medicine in Developing Countries, 3(7):001-005.	-	KSA
2020	<b>22.</b> <b>Aimun A.E. Ahmed</b> , Salah Eldin Abdel Hag Abdel Haleem, Amina A. Gasm-El-Bari, Wadeaa A. Fadl-Almawla and Mukhtar Bebeji Trending Complementary Ethno-medication of Diabetes Mellitus in Khartoum: A Hospital-based Survey, (2020) Singapore Journal of Scientific Research, 11 (1): 1-9, 2021	-	Singapore
2020	<b>23.</b> Amgad H.H. Obied, <b>Aimun A.E. Ahmed</b> Evaluation of the clinical outcome of captopril use for hypertensive urgency in Khartoum State's emergency centres, (2020). African Journal of Emergency Medicine, 1 (2021) 202-206.	-	Netherland
2021	<b>24.</b> Hind M. Osman, Tilal Elsaman, Bashir A. Yousef , Esraa Elhadi, <b>Aimun A. E. Ahmed</b> , Eyman Mohamed Eltayib , Malik Suliman Mohamed and Magdi Awadalla Mohamed. Schiff Bases of Isatin and Adamantane-1-Carbohydrazide: Synthesis, Characterization and Anticonvulsant Activity, (2021) Journal of Chemistry, Volume 2021, Article ID 6659156, 11 pages <a href="https://doi.org/10.1155/2021/6659156">https://doi.org/10.1155/2021/6659156</a>	2.506	USA

#### B- Published/Accepted Books:

Year	Book/ Chapter	Publisher	Edition
2019	<b>1. Book:</b> A Clinical and Pharmacogenomic Study of Breast Cancer Therapy. <b>Authors:</b> Mhdia Elhadi Daffa Alla Osthman, Supervisors: Prof. Dr. Rashid Eltayeb Abdalla Co-supervisor: <b>Dr. Aimun Abdelgaffar Elhassan Ahmed.</b> ISBN: 978-620-0-49832-8	LAP LAMBERT Academic Publishing, Germany	1st Edition

2021	<b>2. Book Chapter</b> in: Technological innovation in pharmaceutical research (International book): The in vitro Pharmacological Effects of Fagonia cretica Linn Ethanolic Extract on Isolated Rabbit Intestine <b>Authors: Aimun A. E. Ahmed</b> , Mawahib E. H. Elfeil, Samrin K. N. Ahmed and Tasnim O. Elsammani. Print ISBN: 978-93-91473-57-0 eBook ISBN: 978-93-91473-73-0 DOI: 10.9734/bpi/tipr/v9/3117F	Book Publisher International	Chapter 3
2021	<b>3. Book:</b> A Therapeutic Application of Systematic Review with Meta-analysis: Epigenetic Analysis Tools and Cancer's Therapy Assessment. <b>Authors:</b> Hind Mohammed Osman Khalifa and <b>Aimun Abdelgaffar Elhassan Ahmed</b> ISBN: 978-93-91882-34-1 (Print) ISBN: 978-93-91882-35-8 (eBook) DOI: 10.9734/bpi/mono/978-93-91882-34-1	Book Publisher International	1st Edition

### C-Submitted/in Preparation Manuscripts

Sr	Article	Status
1	Ali Hendi Alghamdi, <b>Aimun AE. Ahmed</b> , Mahadi Bashir, Haidar Abdalgadir, Asaed Khalid, Sheraz Gul The use of Medicinal Plants in Common Ophthalmic Disorders: A Systematic Review with Meta-analysis	In process
2	<b>Aimun AE. Ahmed</b> , Esraa Abdoalrazag, Alia Abdalla, Salah Eldin Abdel Hag Abdel Haleem A Survey in Relationship between Extensively-used Drugs and Increment of Renal Failure Incidences among Sudanese Patients	In process
3	<b>Aimun AE. Ahmed</b> , Abdallah Saad, Yahya Bebeji, Salah El Din Abdel Hag Abdel Haleem, In vivo Evaluation of the Thawing Effect on the Safety of Frozen Coca-Cola™	In process
4	<b>Aimun AE. Ahmed</b> , Maha Jalal, Salah Eldin Abdel Hag Abdel Haleem. Evaluation of the Drugs' Regimens during Ramadan, in Sudan: Patients' Prospective	In process