



CURRICULUM VITAE

Dr. Bashier Ibrahim Osman Hamad

Assistant Professor

Department of Pharmacology

Faculty of Pharmacy

University of Khartoum

P.O.Box 1996, Khartoum, Sudan

Personal Data:

Name: Bashier Ibrahim Osman Hamad
Date of Birth: 17/01/1965
Nationality: Sudanese
Religion: Muslim
Marital Status: Married with four children.
Languages: Arabic (Mother Tongue) and English.
Address: Department of Pharmacology, Faculty of Pharmacy,
University of Khartoum. P.O. Box: 1996, Khartoum,
Sudan.
Email: bibrahim@uofk.edu
Mobile Tel: 0024911559722
Area of Specialization: Pharmacy, Pharmacology (Molecular Pharmacology).

Qualifications:

PhD:

Doctoral Degree in Natural Sciences (Dr.phil.nat) in the specialty of Pharmacy (Pharmacology) with Very Good = sehr gut “magna cum laude”, from Johann Wolfgang Goethe University (Frankfurt), Germany 2010.

Thesis Title:

Rapamycin induces TGF β /Smad-mediated Profibrotic Gene Expression in Renal Mesangial Cells Upstream and Independent of mTOR.

M.Pharm.:

Master in Pharmacology, Khartoum University 2000.

Thesis Title:

Physicochemical, Pharmacokinetic and Bioavailability Studies on Seven Brands of Amoxicillin Currently Registered in Sudan

B.Pharm.

Bachelor of Pharmacy, 2nd Class, Division 1, Khartoum University 1989.

Employment History:

1990-1992: Medical Representative, Lyka Lab. Medical Company.
1992-1993: Medical Representative, Elkanar Drugs and Chemicals.

1993-200: Teaching assistance, Department of Pharmacology, Faculty of Pharmacy, University of Khartoum.

2000-2010: Lecturer, Department of Pharmacology, Faculty of Pharmacy, University of Khartoum.

2010- up-to-date: Assistant Professor, Department of Pharmacology, Faculty of Pharmacy, University of Khartoum.

Administrative positions:

2010 – Up-to-date: Head Department of Pharmacology, Faculty of Pharmacy, University of Khartoum.

2012 – Up-to-date: Dean Faculty of Pharmacy, University of Khartoum.

2012- Up-to-date: Head of the Research Board, Faculty of Pharmacy, University of Khartoum.

2012- Up-to-date: Head of the Faculty Board, Faculty of Pharmacy, University of Khartoum.

2010- Up-to-date: Coordinator for the Master in Clinical Pharmacy (MCP) program, Faculty of pharmacy, University of Khartoum

Teaching Expertise:

Subjects:

Pharmacology and Toxicology:

- Teaching Pharmacology through practical classes for 4th and 5th year students, Faculty of pharmacy, University of Khartoum, Sudan, 1993- 2000.
- Teaching Pharmacology through lectures and practical classes, 4th year students, Faculty of pharmacy, University of Khartoum, Sudan 2000-2005.
- Teaching Pharmacology through lectures, 3rd students, Faculty of Dentistry, University of Khartoum (2010-up to now).
- Teaching Pharmacology through lectures 3rd students, Faculty of Medicine, University of Khartoum 2000-2005.
- Teaching Pharmacology through lectures, 4th year students, Sudan International University, Sudan, 2012- Up to date.
- Teaching Pharmacology through lectures and practical classes, 4th and 5th year students, Faculty of pharmacy, University of Khartoum, Sudan 2010-up-to date.

Teaching experience covers the following courses:

- General Principles of Pharmacology (Pharmacodynamics and pharmacokinetics).
- Autonomic Nervous System
- Autocids and Non-steroidal anti-inflammatory drugs.
- Renal Pharmacology.
- Cardiovascular Pharmacology.
- Hemopoietic system Pharmacology
- Gastrointestinal System Pharmacology.
- Endocrine system Pharmacology.
- Toxicology.
- Chemotherapy.
- CNS and Local and General anesthetics.

Post Graduate courses:

- Pharmacotherapy for Master in Clinical Pharmacy Students, Faculty of Pharmacy, University of Khartoum.

Computer Skills:

- Windows, word (English and Arabic Word processing), Power point, Excel, Internet, e-mail, Analysis of data using Statistical Product and Service Solutions (SPSS).

Co-ordination of Academic Activities and Research:

- Member, Organizing Committee For the graduate College, Medical and Health studies First conference 2010.
- Member, Committee responsible for the selection of the students for Master in Clinical Pharmacy Program, Faculty of pharmacy, University of Khartoum.
- Member, Committee For evaluating and examining thesis for partial fulfillment of Master Degree in Clinical Pharmacy, Faculty of pharmacy, University of Khartoum.
- Supervisor of Several thesis for partial fulfillment of Master Degree in Clinical Pharmacy, Faculty of pharmacy, University of Khartoum:
- Sharing the supervision of several Master and PhD thesis concerning Pharmacology and Toxicology:

M.Pharm. supervision:

1-Amna Awad El Kareem Abass:

The effect of Timing of Prophylactic Administration of Antibiotic on the Rate of Incidence of Postoperative Infections Following Elective Cesarean Section

2- Mazin Mohamed Mustafa:

In vitro Screening of Anti-oxidant and Ant-breast cancer Activity for Fourteen Sudanese Medicinal Plants

PhD Co-supervision:

1-Amel Badawi Ibrahim:

Sirolimus and Tacrolimus: Role and mechanism(s) in Gingival Hyperplasia.

2-Hussam EL deen Salim:

Usage of some Natural Pharmaceutical Preparation in Management of Sudanese Male Subfertile patients: A clinical Study.

3-Nahid Osman Ahmed:

Impact of Clinical Pharmacist Intervention in Warfarin Anticoagulation Clinic in Ahmed Gasim Cardiac Surgery and Renal Transplantation Center.

4- Nazik Mohamed Elamin:

Study of Teratogenic Potentials of Some Sudanese Medical Herbs.

Intra-university Membership:

- Member of a number of Faculty and Departmental Committees.
- Member, admission and registration committee, University of Khartoum.
- Member, Examination Committee, Faculty of Pharmacy, University of Khartoum (2010- up to now).
- Member, Faculty Board, Faculty of Pharmacy, University of Khartoum (2010- up to now).
- Member, Research Board (2010-up to now) Faculty of Pharmacy, University of Khartoum (2010- up to now).
- Member, Faculty Board, Faculty of Medicine, University of Khartoum (2012-up to now).
- Member, Faculty Board, Faculty of Nursing Sciences, University of Khartoum (2012-up to now).
- Member, Faculty Board, Faculty of Medical laboratory sciences, University of Khartoum (2012-up to now).

- Member, Faculty Board, Faculty of Dentistry, University of Khartoum (2012-up to now).
- Member, Faculty Board, Faculty of Science, University of Khartoum (2012-up to now).
- Member, Faculty Board, Faculty of public and environmental health University of Khartoum (2012-up to now).
- Member, Khartoum University senate (2010- up to now).
- Member, Master in Clinical Pharmacy Committee, Faculty of Pharmacy, University of Khartoum (2010- up to now).

Extra-university Memberships:

- Member, Sudan Medical Council (2014- up to present)
- Member, Sudanese Medical Specialisation Board (S.M.S.B) (2014-up to present)
- Member, Sudanese pharmacists Union.
- Member, National Medicines and poisons Boards (2013-up to date)
- Member, Faculty Board, faculty of Pharmacy, Elnilin University, Sudan

Public output:

- 1985: Member of the executive committee of Elhilalia's Student Association at the universities and higher institutes.
- 1986: Head of the executive committee of Elhilalia's Student Association at the universities and higher institutes.
- 1986: Member of the Executive Committee of the society of culture, Faculty of Pharmacy, University of Khartoum.
- 1987: Chairman of the Executive Committee of the society of culture, Faculty of Pharmacy, University of Khartoum.
- 1989: Cultural Secretary of pharmacy student's Association, University of Khartoum.

Workshops and Courses attended:

- WHO committee for developing pharmaceutical services competency framework 14-15/January-2014.

- Workshop on control of drug residues in food derived from animals: National Medicines and Poisons Board, Sudan, 26-27/5/2013.
- Workshop on rational use of medicine: Directorate general of pharmacy, federal ministry of health, Sudan, 5-7/3/2012.
- Experimental technologies in Molecular Biology: Yangzhou University, China, 1-30/12/2011.
- Continual Professional Development Course (CPD) for Deans: Khartoum University Center For Advance Training: 15th June 2013.
- The NIH Web-based training course “Protecting Human Research Participants”. 08/17/2013. Certification Number: 1227499.

Conferences:

- American Society of Nephrology (ASN) meeting, Oct 27th.- Nov.1st. San Diego, CA USA.
Poster: The mTOR Kinase Inhibitor Rapamycin (Sirolimus) Activates Profibrotic Cell Signaling Cascades in Rat Renal Mesangial Cells”.
 Josef Pfeilschifter, **Bashier Osman**, Anke Doller, El-Sayed Akool, Martin Holdener, Edith Hintermann, and Wolfgang Eberhardt
- University of Khartoum, The graduate College, Medical and Health studies First conference, Friendship Hall 27/Feb. -2/Mar/2011.
Poster: The mTOR Kinase Inhibitor Rapamycin (Sirolimus) Activates Profibrotic Cell Signaling Cascades in Rat Renal Mesangial Cells. **Bashier Osman, Anke Doller**, El-Sayed Akool, Martin Holdener, Edith Hintermann, Josef Pfeilschifter and Wolfgang Eberhardt.
- The 4th International Scientific Conference of Faculty of Pharmacy: "Pharmacy Education and Community Expectations" April 24th and 25th, 2013.
- 16th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World “Development of Pharmacy Education and Practice”
 Benghazi – Libya - 4th-7th November 2013

Scholarship:

- DAAD internal scholarship 1996 to 1999.

- Sudanese ministry of higher education and scientific research scholarship 2006-2010

Publications:

- 1- Evidence of Clinical and Economic Benefits of Clinical Pharmacist interventions in Warfarin Anticoagulant Therapy. **Bashier Osman**, Ahmed Almubark, Iman H. Abdoon, Elkhansa Abelhamid, Elrashied AE, Garelnabi. *International Journal of Pharmacy. Photon* 104 (2013) 374-380
- 2- Prophylactic ceftizoxime for elective cesarean delivery at Soba Hospital, Sudan. **Bashier Osman**, Amna Abbas, Mohamed A Ahmed, Magid S Abubaker, Ishag Adam. *BMC Research Notes* 02/2013; 6(1):57.
- 3-Effect of Ethanolic Leaf Extract of Moringa oleifera on Aluminum-induced Anemia in White Albino Rats. Hisham M. Osman, Mohamed E. Alshayoub, Elsiddig M. Babiker, **Bashier Osman**, Ali M. Elhassan. *Jordan Journal of Biological Sciences*. 11/2012; 5(4):255-260.
- 4- Cyclosporin A and tacrolimus induce renal Erk1/2 pathway via ROS-induced and metalloproteinase-dependent EGF-receptor signaling. El-Sayed Akool, Stefan Gauer, **Bashier Osman**, Anke Doller, Sebastian Schulz, Helmut Geiger, Josef Pfeilschifter, Wolfgang Eberhardt. *Biochemical pharmacology* 11/2011; 83(2):286-95.
- 5- Differential modulation of the cytokine-induced MMP-9/TIMP-1 protease-antiprotease system by the mTOR inhibitor rapamycin. **Bashier Osman**, El-Sayed Akool, Anke Doller, Roswitha Müller, Josef Pfeilschifter, Wolfgang Eberhardt. *Biochemical pharmacology* 01/2011; 81(1):134-43.
- 6-Rapamycin induces the TGFbeta1/Smad signaling cascade in renal mesangial cells upstream of mTOR. **Bashier Osman**, Anke Doller, El-Sayed Akool, Martin Holdener, Edith Hintermann, Josef Pfeilschifter, Wolfgang Eberhardt *Cellular signalling* 09/2009; 21(12):1806-17.

Conference Proceeding:

- 1- Activation of Smad-dependent Signaling Pathways by the mTOR Inhibitor Sirolimus in Rat Glomerular Mesangial Cells. **Osman B.**, Doller A., Akool E.S., Pfeilschifter J., Eberhardt W. *Naunyn-Schmiedeberg's Arch Pharmacol* (2008) 377 (Suppl 1):1-98. The 49th Annual Meeting of the German Society for Experimental and Clinical Pharmacology and Toxicology. March 11-13, 2008. Mainz, Germany.
- 2- The mTOR Kinase Inhibitor Rapamycin Propagates Profibrotic Cell Signaling Cascades in Rat Renal Mesangial Cells. **Osman B.**, Doller A., Akool E.S., Hintermann E., Pfeilschifter J., Eberhardt W. *Naunyn-Schmiedeberg's Arch Pharmacol* (2009) 379 (Suppl 1):1-100. The 50th Annual Meeting of the German Society for Experimental and Clinical Pharmacology and Toxicology. March 10-12, 2009. Mainz, Germany.
- 3- Bioequivalence study of seven amoxicillin capsule brands currently registered in Sudan. **Osman B.**, Idris B. Eltayeb, H. A. Elsheikh, Iman H. Abdoon. *J Bioequiv Availab*, Volume 4 Issue 3 – 77. 3rd World Congress on Bioavailability & Bioequivalence,, Marriott Hotel & Convention Centre, Hyderabad, India.; 03/2012.
- 4- Effect of Chloroquine On The Pharmacokinetics Of Ivermectin Following Oral Administration In Healthy Volunteers. Hatim A.Elsheikh, Iman H.Abdoon, Idris B. Eltayeb, **Bashier I. Osman.** *J Clin Pharmacol* 2011;1326-1369. The 40th Annual Meeting of the American College of Clinical Pharmacology, Chicago, Illinois; 09/2011.

