

# Bashir Alsiddig Yousef Mohamed Ahmed

## Curriculum Vitae



Associate Professor of Pharmacology,  
Department of Pharmacology, Faculty of Pharmacy,  
University of Khartoum.  
Deputy Dean of Academic Affairs, Faculty of Pharmacy,  
University of Khartoum.  
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Email: [bayousef@uofk.edu](mailto:bayousef@uofk.edu); [bashiralsiddiq@gmail.com](mailto:bashiralsiddiq@gmail.com)  
Date of Birth: 09.12.1984  
Place of Birth: Saudi Arabia  
Sudanese  
Married

## EDUCATION

2021 - 2022	<b>Postdoc Fellowship</b> Department of Pharmacology Faculty of Pharmacy, Ege University, Izmir, Turkey - Research title: Role of Hydrogen Sulphide in various pharmacological activities of Sildenafil.
June 2016	<b>Ph.D. in Molecular Pharmacology</b> National Drug Screening Center China Pharmaceutical University, Nanjing, China - Thesis title: The Study of Anticancer Activity of Pristimerin on Colon Cancer and Its Potential Underlying Mechanisms of Action
December 2010	<b>Master of Molecular Medicine</b> Institute of Endemic Diseases University of Khartoum, Khartoum, Sudan - Complementary Research Thesis: TNF- $\alpha$ , IL-10 Plasma Levels in Sudanese Patients with Latent <i>Mycobacterium tuberculosis</i> Infections: A Pathogenetic and Diagnostic Tool
2018 – Date	<b>Master of Medical Education,</b> Faculty of Medicine, Alneelein University, Khartoum, Sudan - Complementary Research Thesis: Study on Development of New Anatomy Syllabus for Undergraduate Pharmacy Students in Sudan: the Delphi Process (Ongoing)
May 2008	<b>Diploma in Research Methodology and Biostatistics</b> Faculty of Medicine University of Medical Science and Technology, Khartoum, Sudan
August 2006	<b>Bachelor of Pharmacy</b> Faculty of Pharmacy University of Khartoum, Khartoum, Sudan First Class Honor

## TEACHING EXPERIENCE

### Lecture Courses

2016 - Present	<b>Basic and clinical Pharmacology for under graduate students</b> Faculty of Pharmacy, Faculty of Medicine, and Faculty of Dentistry, University of Khartoum.
2016 - Present	<b>Systemic clinical Pharmacology for post graduate students</b> Clinical Pharmacology Master Program, Faculty of Pharmacy, Omdurman Islamic University.
2019 - Present	<b>Therapeutics for post graduate students</b> Hospital Pharmacy Master Program, Faculty of Pharmacy, National University.
2016 - Present	<b>Clinical Pharmacology in Special Population for post graduate students</b> Clinical Pharmacology Master Program, Faculty of Pharmacy, Omdurman Islamic University.
2016 - Present	<b>Over the Counter (OTC) for post graduate students</b> Clinical Pharmacy Master Program, Faculty of Pharmacy, University of Khartoum
2016 - Present	<b>Pharmaceutical Cell Biology Course for post graduate students</b> Pharmaceutical Biotechnology Master Program, Faculty of Pharmacy, University of Khartoum.
2016 - Present	<b>Pharmacogenomics and Pharmacogenetics Course for post graduate students</b> Pharmaceutical Biotechnology Master Program, Faculty of Pharmacy, University of Khartoum.
2016 - Present	<b>Molecular Pharmacology for post graduate students</b> Clinical Pharmacology Master Program, Faculty of Pharmacy, Omdurman Islamic University & Clinical Pharmacology Master Program, Faculty of Pharmacy, University of Gezira

### Lab Courses

2011 - 2016	<b>Experimental Molecular Pharmacology for under and post graduate students</b> National Center for Drug Screening (NCDS), China Pharmaceutical University - Responsible for Demonstration of lab routine, planning and organization of experiments and troubleshooting for master and bachelor students, and supervising Master and Bachelor theses.
2007 - 2011	<b>Experimental Pharmacology for under graduate students</b> Faculty of Pharmacy, University of Khartoum - Responsible for laboratories demonstration for various pharmacological experiments on isolated tissues and intact animals.

## **Tutorials**

**2007 - 2011**

**Problem-based Pharmacotherapy for under graduate students**

Faculty of Pharmacy, University of Khartoum

- Responsible for constructing and monitoring of tutorials for different pharmacological courses.

## **RESEARCH ID**

## **RESEARCH WEBSITES (LINKS)**

<b>Web of Science Researcher ID:</b> AAH-7809-2020	<a href="https://www.researchgate.net/profile/Bashir_Yousef2">https://www.researchgate.net/profile/Bashir_Yousef2</a>
<b>ORCID ID:</b> 0000-0001-7832-4556	<a href="https://scholar.google.com/citations?user=9Sr6M3EAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=9Sr6M3EAAAAJ&amp;hl=en</a>
<b>Scopus Author ID:</b> 56690042200	<a href="https://publons.com/researcher/3469193/bashir-alsiddig-yousef/">https://publons.com/researcher/3469193/bashir-alsiddig-yousef/</a>
<b>Loop profile:</b> 398708	<a href="http://staffpages.uofk.edu/bashier-alsiddig/">http://staffpages.uofk.edu/bashier-alsiddig/</a>

## **RESEARCH EXPERIENCE**

<b>06.2021 - Present</b>	<b>Role of Hydrogen Sulphide in various pharmacological activities of Sildenafil, Department of Pharmacology, Faculty of Pharmacy, Ege University, Turkey</b> - To investigate and explore the role of H <sub>2</sub> S on the vasorelaxant and angiogenic and other pharmacological activities of sildenafil using ex vivo, in vivo and in vitro models.
<b>01.2021 - Present</b>	<b>Pharmaceutical and Medical Education Research area, Sudan Medical Specialization Board, Sudan</b> - We are conducting various research related to problems related to education in pharmacy and other medical field, and try to implement new technology in learning and teaching pharmaceutical sciences.
<b>10.2020 - Present</b>	<b>Purification and characterization of cytotoxic proteins and peptides with potential anti-tumor activity from Sudanese endogenous medicinal plants, Faculty of Pharmacy, University of Khartoum, Sudan</b> - Screening of vegetative tissues/organs (roots, seeds, leaves, barks, etc..) from indigenous plants collected from Sudan expressed bioactive compounds (proteins/ peptides AMPs-ACPs and carbohydrate binding proteins CBPs), and study their physicochemical, structural, cytotoxicity and mode of action against tested cancer cell lines.
<b>03.2020 - Present</b>	<b>Pharmacogenetics and Personalized drug Medicine Research area, Faculty of Pharmacy, University of Khartoum, Sudan</b> - We are investigating the allele and genotype frequencies of CYP450 variants in the Sudanese population towards personalized therapy in Sudanese patients. Currently, we are detecting the CYP2D6, and CYP2C19 Polymorphisms for Tamoxifen and Clopidogril therapy in Sudanese patients, respectively.

<b>01.2020 - Present</b>	<b>New Anticancer Agents from Selected Sudanese Marine Flora, Faculty of Science, Alneelein University, Sudan</b> - Screening of list of natural extracts from different Sudanese marine flora against various kinds of tumor.
<b>01.2019 - Present</b>	<b>Multidisciplinary approaches for drug discovery and treatment improvement for Mycetoma, Faculty of Pharmacy, University of Khartoum, Sudan</b> - Screening of list of known drugs and natural compounds for its activities on <i>Madurella mycetomatis</i> . And investigation of the underlying mechanism(s) of action of the potential compound(s) against Mycetoma.
<b>08.2016 - Present</b>	<b>Clinical Pharmacology and Pharmacy practice in Sudan, Faculty of Pharmacy, University of Khartoum, Sudan.</b> - Investigating disease-related and drug-related problems in the clinical practice. Also studying implementation of guidelines for treatment of various diseases in Sudanese hospitals. Also assessing perception, knowledge and practice of various health practitioners towards different drug and disease related problems.
<b>09.2011 – 06.2016</b>	<b>PhD Candidate, China Pharmaceutical University, China</b> - Investigation of the <i>in vitro</i> and <i>in vivo</i> antitumor activities of pristimerin on colorectal cancer, and exploring the underlying mechanisms of action for these activities.
<b>06.2011 – 07.2011</b>	<b>ISCOMS Research Fellowship, University Medical Center Groningen, Netherlands</b> - Implementation of the genetic background in the pathogenesis of inflammatory bowel diseases
<b>10.2009 – 12.2010</b>	<b>Master degree candidate, Institute of Endemic Diseases, University of Khartoum, Sudan</b> - Studying the role of immunological cytokines IL-12 and TNF- $\alpha$ on the pathogenesis of Latent <i>Mycobacterium tuberculosis</i> Infections in Sudanese.

## SCHOLARSHIPS AND HONORS AND AWARDS

<b>08.2021</b>	<b>Top researcher prize at University of Khartoum (2019 – 2021)</b> Ranked the 4th top researcher
<b>2021 – 2022</b>	<b>Postdoc fellowship at Faculty of Pharmacy, Ege University, Izmir, Turkey.</b> <i>Sponsored by:</i> Islamic Developmental Bank (IsDB).
<b>09.2011 – 06.2016</b>	<b>PhD Candidate</b> at China Pharmaceutical University, China <i>Sponsored by:</i> China Scholarship Council (CSC)
<b>06.2011 – 07.2011</b>	<b>Research Student at Groningen University, Netherlands</b>

	<i>Sponsored by:</i> International Student Congress of (bio) Medical Sciences (ISCOMS) Research Fellowship.
<b>08.2008 – 12.2010</b>	<b>Master student at Institute of Endemic Diseases, UoK, Sudan</b> <i>Sponsored by:</i> Administration of Teaching Assistants & Training, University of Khartoum.
<b>06.2016</b>	<b>University of Khartoum prize</b> for the best student in the total result of final examination of fifth year.
<b>06.2006</b>	<b>University of Khartoum prize</b> for the best student in Pharmacology final examination in fifth year
<b>06.2006</b>	<b>University of Khartoum prize</b> for the best student in Pharmaceutics final examination in fifth year.
<b>06.2006</b>	<b>University of Khartoum prize</b> for the best student in Pharmacognosy final examination in fifth year.
<b>06.2006</b>	<b>University of Khartoum prize</b> for the best student in Pharmaceutical Microbiology final examination in fifth year.
<b>06.2006</b>	<b>Sigma-Tau Company prize</b> for Best academic performance in all subjects fifth year.
<b>06.2006</b>	<b>Amipharma Laboratories prize</b> for Best academic performance in all subjects fifth year.
<b>06.2005</b>	<b>Faculty of Pharmacy prize</b> for the second best student in the total result of final examination of fourth year.

## UNIVERSITY SERVICE AND PROFESSIONAL MEMBERSHIP

### University Academic Positions

<b>08.2020 – Present</b>	Associate Professor, Faculty of Pharmacy, University of Khartoum.
<b>08.2016 – 08.2020</b>	Assistant Professor, Faculty of Pharmacy, University of Khartoum.
<b>07.2011 – 08.2020</b>	Lecturer, Faculty of Pharmacy, University of Khartoum.
<b>02.2007 – 07.2011</b>	Teaching Assistant, Faculty of Pharmacy, University of Khartoum.

### University Administrative Position

<b>04.2022 – Present</b>	Deputy Dean of Academic Affairs, Faculty of Pharmacy, University of Khartoum (UofK).
<b>12.2020 – Present</b>	Director of Pharmaceutical Training Center, Faculty of Pharmacy, UofK
<b>08.2020 – Present</b>	Head of the E-learning committee, Faculty of Pharmacy, UofK.
<b>10.2019 – 07.2021</b>	Head of Department of Pharmacology, Faculty of Pharmacy, UofK.
<b>01.2011 – 08.2011</b>	Board Secretary, Department of Pharmacology, Faculty of Pharmacy, UofK.

### University membership

<b>10.2019 – Present</b>	Member of the University Senate, University of Khartoum (Uofk).
<b>10.2019 – Present</b>	Member of the Faculty Board, Faculty of Pharmacy, UofK.
<b>09.2018 – Present</b>	Member of Pharmacy Diploma committee, Faculty of Pharmacy, UofK.

<b>06.2018 – Present</b>	Member of the accreditation committee, Faculty of Pharmacy, UofK.
<b>01.2018 – Present</b>	Member of the curriculum committee, Faculty of Pharmacy, UofK.
<b>08.2016 – Present</b>	Member of the Faculty of Pharmacy Research Board, UofK.

### **Curriculum development and update**

<b>2018 – Present</b>	Member of the Curriculum committee for the Faculty of Pharmacy, Alfashir University
<b>2018 – Present</b>	Member of the Curriculum committee for the Pharmacy Program, Almanhal College
<b>2016 – Present</b>	Member of the Scientific and Curriculum Committee of Clinical Pharmacology & Clinical Toxicology Master programs, Omdurman Islamic University, Sudan.

### **Other scientific committees**

<b>2018 – 2022</b>	<b>Member</b> , a research committee/ The national Council for Drugs and Poisons.
<b>2016 – Present</b>	Member, Animal Ethical Committee, Omdurman Islamic University, Sudan.

### **Member of Editorial Board**

<b>2019 – Present</b>	Editorial board of Khartoum Journal of Pharmaceutical Sciences, produced by Faculty of Pharmacy, University of Khartoum, Sudan
<b>2021 – Present</b>	Academic editor, PLOS One Journal.

### **Reviewer to peer reviewed medical journals**

European Journal of Pharmacology, Frontiers in Pharmacology, Clinical and Experimental Pharmacology and Physiology, Current Molecular Pharmacology, Current Molecular Medicine, Computational and Structural Biotechnology Journal, Informatics in Medicine Unlocked, Integrated Pharmacy Research and Practice, International Journal of General Medicine, Journal of Pharmaceutical Research International, Journal of Multidisciplinary Healthcare, Tropical Journal of Natural Product Research, Indian Journal of Pharmaceutical Sciences, Journal of Pharmacy Practice, African Journal of Emergency Medicine, Anti-Cancer Agents in Medicinal Chemistry, Biomedical Science Journal, Synergy Journal, Asia-Pacific Journal of Oncology Nursing, Scientific African Journal, Journal of Food Science, Phytomedicine Journal, BBA Review in Cancer, Biomedical Sciences

### **RESEARCH SUPERVISIONS (List of names are available upon request)**

- Supervise or co-supervise 6 PhD. Students (Pharmacology)
- Supervise or co-supervise 5 Master Students (By research - Pharmacology)
- Supervise 20 Master Students (Complementary dissertation) for Clinical Pharmacology Master Program.

- Supervise 45 Master Students (Complementary dissertation) for Clinical Pharmacy Master Program.
- Supervise 3 Master Students (Complementary dissertation) for Pharmaceutical Biotechnology Master Program.
- Supervise 2 Master Students (Complementary dissertation) for Molecular Medicine Master Program.
- Supervise 2 Master Students (Complementary dissertation) for Health Professions Education Master Program.

## **EXAMINATION OF POSTGRADUATE STUDENTS AND UNDERGRADUATE**

**PROGRAMS:** (List of names are available upon request)

### **A. Examination of Postgraduate Students (By Research):**

- External examiner for 14 Master graduates.
- External examiner for 1 PhD graduates.
- Internal examiner for 1 PhD graduates.
- Internal examiner for 6 Master graduates.

### **B. Examination of Postgraduate Students (By Course + Complementary Research):**

- Internal Examiner for Batch (14) students, Master of Clinical Pharmacy, UofK, 2022.
- External Examiner for Batch (6) students, Master of Clinical Pharmacy, OIU, 2021.
- Internal Examiner for Batch (1) students, Master of Pharmaceutical Biotechnology, UofK, 2022.
- Internal Examiner for Batch (13) students, Master of Clinical Pharmacy, UofK, 2021.
- External Examiner for Batch (5) students, Master of Clinical Pharmacy, OIU, 2021.
- Internal Examiner for Batch (6) students, Master of Clinical Pharmacology, OIU, 2021.
- Internal Examiner for Batch (12) students, Master of Clinical Pharmacy, UofK, 2019.
- External Examiner for Batch (2) students, Master of Hospital Pharmacy, National University, 2019.
- Internal Examiner for Batch (11) students, Master of Clinical Pharmacy, UofK, 2018.
- Internal Examiner for Batch (4) students, Master of Clinical Pharmacology, OIU, 2018.
- Internal Examiner for Batch (10) students, Master of Clinical Pharmacy, UofK, 2017.
- Internal Examiner for Batch (9) students, Master of Clinical Pharmacy, UofK, 2016.

### **C. Examination of Undergraduate Students:**

- External Examiner for B. Pharm students, Faculty of Pharmacy, University of Medical Sciences and Technology, Sudan (2022).
- External Examiner for B. Pharm students, Pharmacy Program, AlNahda College, Sudan (2022).
- External Examiner for B. Pharm students, Pharmacy Program, AlFajr College, Sudan (2021).

- External Examiner for B. Pharm students, Pharmacy Program, Al-Yarmouk College, Sudan (2022).
- External Examiner for B. Pharm students, Faculty of Clinical and Industrial Pharmacy, National University, Sudan (2022).
- External Examiner for B. Pharm students, Pharmacy Program, AlNahda College, Sudan (2021).
- External Examiner for B. Pharm students, Faculty of Clinical and Industrial Pharmacy, National University, Sudan (2021).
- External Examiner for B. Pharm students, Pharmacy Program, Alfajr Medical College (2021).
- External Examiner for B. Pharm students, Faculty of Pharmacy, International University of Africa, Sudan (2020).
- External Examiner for B. Pharm students, Faculty of Clinical and Industrial Pharmacy, National University, Sudan (2020).
- External Examiner for B. Pharm students, Faculty of Pharmacy, University of Gezira (2020).
- External Examiner for B. Pharm students, Faculty of Pharmacy, International University of Africa, Sudan (2019).
- External Examiner for B. Pharm students, Pharmacy Program, AlNahda College, Sudan (2019).
- External Examiner for B. Pharm students, Faculty of Clinical and Industrial Pharmacy, National University, Sudan (2019).
- External Examiner for B. Pharm students, Faculty of Pharmacy, Karary University, (2018).
- External Examiner for B. Pharm students, Faculty of Pharmacy, OIU, Sudan (2018).
- External Examiner for 4<sup>th</sup> year Medical students, Faculty of Medicine, Dongla University, Sudan (2017).
- External Examiner for B. Pharm students, Faculty of Pharmacy, OIU, Sudan (2017).
- External Examiner for B. Pharm students, Faculty of Pharmacy, OIU, Sudan (2016).

## WORKSHOPS IN TEACHING AND MEDICAL EDUCATION

**04.2019** Training in Research Ethics for Research Ethical Committee Members  
The Program for Improving the Ethical Review Process in Sudan  
University of Khartoum & UNCCO, Khartoum, Sudan

**03.2018** Course Outlines Document (COD) Workshop, Education and Development Center (EDC), Sudan International University, Khartoum, Sudan.

**02.2018** Drug Discovery Workshop, Faculty of Pharmacy, University of Khartoum, Khartoum, Sudan

<b>10.2017</b>	Strategic Planning Workshop, Education and Development Center (EDC), Sudan International University, Khartoum, Sudan.
<b>03.2017</b>	Establishing Consensus for Basic Medical Sciences Curricula in Health Professions Faculties, Organized by Sudanese Association for Medical Education, Sudanese Association of Physiology and Nahda College, Sudan Doctor Union, Khartoum, Sudan
<b>03.2017</b>	Best Practices for Planning Educational Assessment and Curriculum Mapping, Alain University of Science and Technology, Abu Dhabi, United Arab Emirates.
<b>02.2017</b>	Experimental Design Workshop, Faculty of Pharmacy, University of Khartoum, Khartoum, Sudan
<b>12.2016</b>	Blueprint in Assessment, Education and Development Center (EDC), Sudan International University, Khartoum, Sudan
<b>12.2016</b>	Biostatistics Workshop, Faculty of Pharmacy, University of Khartoum, Khartoum, Sudan
<b>11.2016</b>	Technology Assisted Medical Research Workshop (TAMR), Educational Development Center for Health Professions, Faculty of Medicine, University of Khartoum, Khartoum, Sudan
<b>01.2010</b>	Theoretical Course: Molecular Medicine and Genomics in Africa, Organized by ICGEB Meetings and Courses 2010 (International center for genetic engineering and biotechnology - Italy), Zanzibar, Tanzania

**CONFERENCES, SYMPOSIA, WORKSHOPS, MEETINGS, TRAINING:** (List available upon request)

- Participated and attended in several conference, symposia, and workshops related to the pharmaceutical research and education fields (More than 30)

## RESEERCH GRANTS

- Research grant from Ministry of Higher Education and Research, Sudan (December 2019)
- Research grant from Ministry of Higher Education and Research, Sudan (September 2020)
- National Natural Science Foundation of China (81274146 and 81273604).
- The Priority Academic Program Development of Jiangsu Higher Education Institutions.
- Research grant from the 111 Project (111 -2-07), 2011 Program for Excellent Scientific and Technological Innovation Team of Jiangsu Higher Education.

## PUBLICATIONS

### A. Journal Publications:

**2023**

1. Hamadouk, R.M.; Mohammed, F.M.; Albashair, E.D.; **Bashir A. Yousef** (2023). Evaluation of

Community Pharmacists' Competences in Identifying and Resolve Drug-Related Problems in a Pediatric Prescription Using the Simulated Patient Method. Pharmacy 11, 6. DOI: 10.3390/pharmacy11010006

## 2022

2. Ahmed, A. E., Ahmed, K. O., **Bashir A. Yousef** (2022). Assessment of the Management of Ascites in Pediatrics in Jafar Ibn Auf Pediatrics Hospital: A Descriptive Retrospective Study. Omdurman Journal of Pharmaceutical Sciences, 2(3), 184-194. DOI: 10.52981/ojps.v2i3.2866
3. Mohmmmedahmed M, **Bashir A. Yousef**, Alshehri A, Elhoury M (2022). Permanent Junctional Reciprocating Tachycardia in Infants from Myocarditis-like Presentation to Simple Tachycardia: A Case Series. Asian Journal of Pediatric Research. 2022;1:9
4. Ahmed, K. O., Abdmaged, H. A., Ibrahim, K. M., Abdalgader, N. M., Babekir, N. M. A., Ali, N. S. M., Eltyeb, S. B., Osman, T. M., **Bashir A. Yousef**. and Muddather, H. F. (2022) "Self-care Behaviors among Sudanese Patients with Heart Failure: A Cross-sectional Assessment", Journal of Pharmaceutical Research International, 34(54B), pp. 52-59. DOI: 10.9734/jpri/2022/v34i54B7243.
5. Abdelmoneim D, Abdalgadir E, Ismaeil O, Abdelrahman M, **Bashir A. Yousef** (2022). Protective Effect of Camel Milk Against Ethanol-Induced Gastric Ulcer in Wister Albino Rats. Pharmacologyonline. 2022;113-9.
6. Kannan O. Ahmed , Imad Taj Eldin , Mirghani Yousif , Ahmed A. Albarraq , **Bashir A. Yousef** , Nasrein Ahmed , Anas Babiker (2022). Clinical Pharmacist Led-Educational Intervention to Promote Medications' Adherence for Sudanese Patients with Heart Failure: A Prospective Study. Advances in Pharmacology and Pharmacy, 10(4), 227 - 233. DOI: 10.13189/app.2022.100401.
7. Elhadi, E. , Abdulaziz, L. , Abdallah, E. A. A. , Alnoor, F. A. E. A. **Bashir A. Yousef**. (2022). Antiviral Activity of Approved Centrally Acting Drugs: A Narrative Review. Hacettepe University Journal of the Faculty of Pharmacy 2022;42(3):187-198. DOI: 10.52794/hujpharm.1047842
8. Elsiddig MK, Arbab AH, Eltahir YA, **Bashir A. Yousef**. Perception of Pharmacy Teachers About Their Roles and Current Practice at Governmental Universities in Sudan. Adv Med Educ Pract. 2022;13:309-317. DOI: 10.2147/AMEP.S355931
9. Ahmed KO, Ahmed AM, Wali MB, Ali AH, Azhari MM, Babiker A, **Bashir A. Yousef**, Muddather HF. Optimal Medical Therapy for Secondary Prevention of Acute Coronary Syndrome: A Retrospective Study from a Tertiary Hospital in Sudan. Ther Clin Risk Manag. 2022;18:391-398. DOI: 10.2147/TCRM.S361129. **Impact factor: 2.583**
10. Yousif MA, Arbab AH, **Bashir A. Yousef**. Perceived Academic Stress, Causes, and Coping Strategies Among Undergraduate Pharmacy Students During the COVID-19 Pandemic. Adv Med Educ Pract. 2022;13:189-197. Doi:10.2147/AMEP.S350562

11. Arbab, A.H., Eltahir, Y.A.M., Elsadig, F.S., **Bashir A. Yousef**. Career Preference and Factors Influencing Career Choice among Undergraduate Pharmacy Students at University of Khartoum, Sudan. *Pharmacy* 2022, 10, 26. <https://doi.org/10.3390/pharmacy10010026>.
12. Hamadouk RM, Albasair ED, Mohammed FM, **Bashir A. Yousef**. The Practice of the Community Pharmacists in Managing Potential Drug-Drug Interactions: A Simulated Patient Visits. *Integr Pharm Res Pract.* 2022;11:71-84. DOI:10.2147/IPRP.S355675.
13. Abdalla M A, Ahmed K O, **Bashir A. Yousef**. Incidence and Risk Factors of Contrast-Induced Acute Kidney Injury in Sudanese Patients Undergoing Coronary Angiography: A Descriptive Prospective Study. *Cureus* 14(2): e21876. doi:10.7759/cureus.21876.
14. Abdulaziz L, Elhadi E, Abdallah EA, Alnoor FA, **Bashir A. Yousef**. Antiviral Activity of Approved Antibacterial, Antifungal, Antiprotozoal and Anthelmintic Drugs: Chances for Drug Repurposing for Antiviral Drug Discovery. *J Exp Pharmacol.* 2022;14:97-115 DOI: 10.2147/JEP.S346006
15. Fadlalla M, Ahmed M, Ali M, Elshiekh AA, **Bashir A. Yousef**. Molecular Docking as a Potential Approach in Repurposing Drugs Against COVID-19: a Systematic Review and Novel Pharmacophore Models. *Curr Pharmacol Rep.* 2022 Apr 1:1-15. DOI: 10.1007/s40495-022-00285-w.
16. Ezzeldin, H. M., Badi, S., **Bashir A. Yousef**. The Antibiotic Resistance and Multidrug Resistance Pattern of Uropathogenic Escherichia coli at Soba University Hospital: A Descriptive Retrospective Survey. *Sudan Journal of Medical Sciences* 2022, 17(1), 56-69. DOI: 10.18502/sjms.v17i1.10685
17. Mohammed A, Ahmed K, **Bashir A. Yousef**. Assessment of Potentially Inappropriate Prescribed Medications in Older Patients Using STOPP/START Criteria at Soba University Hospital: A Descriptive Retrospective Study. *J Pharm Care.* 2022;10(1):3-10.
18. Aldomah MA, Ahmed YA, Ezaldeen AY, Aldomah MA, Nasir RA, Abdulraheem MA, Safaa Badi, **Bashir A. Yousef**. Community pharmacists' knowledge and practice toward upper respiratory tract infections in Khartoum state: Across-sectional survey. *Matrix Sci Med* 2022;6:34-9. DOI: 10.4103/mtsm.mtsm\_55\_20.
19. Abudleek MF, Adam ME, Ahmed KO, **Bashir A. Yousef**. Doctors' attitude and satisfaction toward clinical pharmacists' role at Omdurman Military Hospital: A descriptive cross-sectional study. *Matrix Sci Med* 2022; 6:80-4. DOI: 10.4103/mtsm.mtsm\_22\_21
20. Abdelkarim MA, AwadElseed RH, Alsanosi MA, Badi S, Abdulraheem MA, Nasser NM, **Bashir A. Yousef**. Assessment of quality of life among pediatric patients with cancer in Khartoum Oncology Hospital: A cross-sectional pilot study. *Matrix Sci Med* 2022;6:75-9.DOI: 10.4103/mtsm.mtsm\_17\_21

## 2021

21. Ahmed, KO, Muddather HF, **Bashir Yousef**. Pharmaceutical Care Network Europe (PCNE) Drug-Related Problems Classification Version 9.1: First Implementation in Sudan", *Journal of*

22. Hamadouk RM, Arbab AH, **Bashir Yousef**. Assessment of Community Pharmacist's Practice and Patient Counselling Toward Acute Diarrhea Treatment in Khartoum Locality: A Simulated Patient Study. *Integr Pharm Res Pract*. 2021;10:145-152. DOI: 10.2147/IPRP.S340528.

23. Ahmed KO, Taj Eldin I, Yousif M, Albarraq A. **Bashir Yousef**. Clinical Pharmacist's Intervention to Improve Medication Titration for Heart Failure: First Experience from Sudan. *Integr Pharm Res Pract*. 2021;10:135-143. DOI: 10.2147/IPRP.S341621.

24. **Bashir Yousef**, Zeinab Awad, Somaya Adam, Setalbanat Abdelgadir, Ansam Mergani. Assessment of Anticonvulsant Activities of Petroleum Ether Extract of *Anacyclus pyrethrum* Roots on Experimental Rats. *Pharmaceutical and Biomedical Research*. 2021; 7(1):47-54.

25. Tagwa A. M. Salih, **Bashir A. Yousef**. Anti-Leishmanial Effect of Oral Zinc Sulfate in Acute Cutaneous Leishmaniasis: A Mini-review. *International Journal of TROPICAL DISEASE & Health* 2021; 42(14): 26-31. DOI: 10.9734/IJTDH/2021 /v42i1430515

26. Elzain AM, Badi S, **Bashir A. Yousef**, Elkheir HK. Incidence of new-onset diabetes among Sudanese renal transplant patients using different immunosuppressive regimens: A retrospective study. *CHRISMED J Health Res* 2021;8:110-6. DOI: 10.4103/cjhr.cjhr\_45\_20

27. Nafhat Elhag Yousif, Safaa Badi, **Bashir A. Yousef**. Evaluation of the Management Outcomes of Primary Mono-Symptomatic Nocturnal Enuresis among Sudanese Children: A Retrospective Study. *Journal of Medical Sciences* 2021;41(5):215-20. DOI: 10.4103/jmedsci.jmedsci\_68\_20

28. Alaa A. Elmubarak, Safaa Badi, **Bashir A. Yousef**. Adherence to Stress Ulcer Prophylaxis Guideline in Medicine Unit at Soba University Hospital: A Descriptive Retrospective Study. *Dr. Sulaiman Al Habib Medical Journal* 2021;3(3):125–130. DOI: 10.2991/dsahmj.k.210624.001.

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