



Sitesh Chandra Bachar, Ph. D
Professor and Dean
Faculty of Pharmacy, University of Dhaka
Dhaka- 1000, Bangladesh

Tel: +8809666911463/3463 (Off.); +8801775848446 (M); +880244865149; Email:
bacharsc@du.ac.bd; bacharsc63@gmail.com; ORCID ID: <https://orcid.org/0000-0001-7308-5592>;
Web:https://www.du.ac.bd/academic/department_item_details/faculty/PHAR

UNIVERSITY ADMINISTRATIVE POSITIONS

Dean : 16 January 2022 to till to date
Faculty of Pharmacy, DU

Chairman : 29 May 14 – 28 May 17 and 19 Aug 17 – 19 Sept 21
Department of Pharmacy, DU

PERSONAL

Date of Birth : February 16, 1962

Marital Status : Married

Present Address : Department of Pharmacy
Faculty of Pharmacy, University of Dhaka.

Permanent Address : Vill. - Hatiardanga, Post Office- Hatiardanga
Police Station- Koyra, District – Khulna, Bangladesh

Nationality : Bangladeshi

EDUCATION

Ph. D (Pharmacy) : Department of Pharmaceutical Technology
Awarded 1996 : Jadavpur University, Kolkata 700032, India

M. Pharm. (1984) : Department of Pharmacy
Held in 1988 : University of Dhaka, Dhaka-1000, Bangladesh.

B. Pharm. (1983) : Department of Pharmacy, University of Dhaka,
Held in 1986 : Dhaka-1000, Bangladesh.

TEACHING EXPERIENCE

27 YEARS +

29 May 2014 – Till today : Professor
Department of Pharmacy, Faculty of Pharmacy, University of Dhaka,
Dhaka-1000, Bangladesh.

31 March 07 – 28 May 14 : Professor
Department of Pharmaceutical Technology, Faculty of Pharmacy,
University of Dhaka, Dhaka-1000, Bangladesh.

18 April 03 – 30 March 07 : Associate professor

	Department of Pharmaceutical Technology, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh.
23 Sept. 02 – 17 April 03	Associate Professor Department of Pharmacy, Faculty of Pharmacy, University of Dhaka, Dhaka-1000, Bangladesh.
13 July, '98 – 22 Sept. '02	<i>Assistant Professor</i> Department of Pharmacy, University of Dhaka Dhaka-1000, Bangladesh.
04 Jan. 97 – 12 July, 98	<i>Lecturer</i> Department of Pharmacy, University of Dhaka Dhaka-1000, Bangladesh.
June. 1996 – Dec, 1996	<i>Assistant Professor</i> Department of Pharmacy University of Science and Technology, Chittagong (USTC) Chittagong, Bangladesh.

RESEARCH INTEREST MEDICINAL CHEMISTRY, PHARMACOLOGY, PHYTOCHEMISTRY AND, BIOPHARMACEUTICS AND PHARMACOKINETICS, RATIONAL USE OF DRUG, PHARMACOLOGICAL EVALUATION OF BANGLADESHI MEDICINAL PLANTS, QUALITY EVALUATION OF HERBAL AND TRADITIONAL MEDICINES, BIOEQUIVALENCE STUDY OF GENERIC FORMULATIONS, DRUG PRODUCT DESIGNING AND FORMULATION DEVELOPMENT

RESEARCH EXPERIENCE 35 YEARS AND MORE
CLINICAL RESEARCH CONDUCTING BIOEQUIVALENCE STUDY OF BANGLADESHI GENERIC PRODUCTS AT HOME AND ABROAD
ACTIVELY INVOLVED IN CLINICAL RESEARCH FOR THE DEVELOPMENT OF A MRNA VACCINE CANDIDATE IN BANGLADESH

THESIS SUPERVISION

PhD awarded: Two PhD and M. Phil awarded: One
Number of PhD student supervising: Three (continuing)
Number of M. Phil student supervising: Two (Continuing)

RESEARCH GRANTS OBTAINED

12. UGC funded research grant on "Export Potentiality of Targeted Locally Grown Quality Herbs as Evidence-Based Medicine" January – December 2023
11. JSPS-UGC joint research program April 2021-March 2023
10. A grant for preparation of a "Technical position paper for trade and regulations in drugs and pharmaceuticals in Bangladesh" funded by World Health Organization.

9. A USAID funded project through Management Health Systems Inc. for preparation of a concept note on "Systems for Improved Access to Pharmaceuticals Services (SIAPS) in Bangladesh" with the Department of Public Health, BRAC University.
8. A special research allocation from the Ministry of Science & Technology, Government of the People's Republic of Bangladesh, 2013 - 2014
7. Community-based research on "Promoting rational use of medicines through strengthening stakeholder's relationship and engaging community with the process" with collaboration of BRAC funded by Bangladesh University Grants Commission, Dhaka, Bangladesh, 2012-2013
6. Research grant from Bangladesh University Grants Commission, Dhaka, Bangladesh, 2011-2012, 2016-2017 and 2017-2018 on conservation of traditional medicinal knowledge.
5. A special research allocation from the Ministry of Science & Technology, Government of the People's Republic of Bangladesh. 2011 – 2012 on Bioequivalence Study of generic product.
4. A special research allocation from the Ministry of Science & Technology, Government of the People's Republic of Bangladesh. 2006 – 2007 on Bioequivalence study of Generic product.
3. A special research allocation from the Ministry of Science & Technology, Government of the People's Republic of Bangladesh. 2001 – 2002.
2. Research grant from Bangladesh University Grants Commission, Dhaka, Bangladesh. 1998-1999.
1. Research grant from Biotechnology Research Centre, University of Dhaka, Dhaka, Bangladesh. 1999-2000.

CONTRIBUTIONS

1. Inspection of pharmaceutical industries to ensure GMP and quality medicines in the country as a member of the parliamentary body under the Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh after paracetamol tragedy.
2. Prepare test criteria for Unani and Ayurvedic Medicine manufacturers for setting it in the industry to ensure quality of traditional medicines as a member of the team on request of Director General of Drug Administration (DGDA).
3. Prepare Bangladesh National Formulary (BNF) fourth and fifth edition as an Editorial Board Member for drug safety management under the Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh supported by SAIPS.
4. Actively working as a Member of the Task Force Committee for reducing Antimicrobial Resistance in Bangladesh with different stakeholders under Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh in cooperation with WHO.
5. Implementing Pharmacovigilance activities in Bangladesh under the Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh
6. Very much aware of Government of Bangladesh's Access to Information (a2i) Programme aiming to ensure easy, cost effective, transparent and reliable access to quality public services for all citizens of Bangladesh according to "Right to Information Act of 2009".

7. Implemented e-learning content on Antimicrobial Resistance and Infection Prevention & Control for Pharmacist during dispensing and counselling from the pharmacy by hosting to PCB website through a2i-muktopaath platform with the support of the Management Sciences for Health (MSH) and Better Health Bangladesh (BHB).

CONTRIBUTIONS AS A MEMBER OF DU INTELLECTUAL BODY

1. Convenor, Neel Dal Dhaka University, central committee (currently)
2. Election Commissioner, Dhaka University Teachers' association Election 2023.
3. Ex-Convenor, Faculty of Pharmacy, Neel Dal Dhaka University
4. Ex-Senior Member, Faculty of Pharmacy, Neel Dal Dhaka University
5. Member, Dhaka University Senate 2023-2026
6. Member, Dhaka University Syndicate 2023-2026.
7. Participating in TV talks about contemporary political and professional (medicines, health, antibiotics, clinical trials, vaccines etc.) issues
8. Raised voice in favour of Milk Vita and the local milk producers against the activities of some persons violating rights of the marginalized people regarding presence of antibiotics in milk

MEMBERS OF GOVERNMENT AND NON-GOVERNMENT INSTITUTIONS

9. Member, Governing Body, Ramakrishna Math and Mission, Dhaka, Bangladesh
10. Syndicate Member, BRAC University, 66 Mohakhali, Dhaka-1212
11. Member, Governing body, Anwar Khan Modern Medical College, House #17, Road #8, Dhaka-1205.
12. Member, Governing body, Care Medical College, 1-2/A, Iqbal Road, Dhaka-1207
13. Member, Governing body, Sapro Dental Medical College, Plot #24, Sector #8, Uttara, Dhaka-1230
14. Member, Bangladesh Standards and Testing Institute (BSTI), Cosmetic Division, 116/A, Tejgaon I/A, Dhaka-1208.
15. Member, Active Fine Chemical training and Planning, Export Promotion, WTO cell, Ministry of Commerce, Govt. of Bangladesh
16. Member, National Technical Committee, Antimicrobial Resistance Program, Directorate General of Drug Administration, Mohakhali, Dhaka-1208.
17. Member, Emergency Use Authorization Team under DGDA for emergency use of medicines, vaccines and related medical devices during the pandemic situation.
18. Member Technical Sub-Committee Drug Control Committee (DCC), Directorate of Drug Administration (DGDA), Ministry of Health and Family Welfare
19. Member Clinical Trial and Toxicology Committee, Directorate of Drug Administration (DGDA), Ministry of Health and Family Welfare
20. Member Public Health Emergency Committee, Directorate of Drug Administration (DGDA), Ministry of Health and Family Welfare

CONSULTANCY WITH INTERNATIONAL AGENCIES

1. Consultant in a collaborative research work with JGP School of Public Health, BRAC University, Bangladesh supported by Management Sciences for Health (MSH) and funded by USAID on

- Systems for Improved Access to Pharmaceuticals Services in Bangladesh. Period: 8 December 2014 to 20 May 2015. Agreement # AID-OAA-A-11-00021
2. Short Term Consultation for preparation of a 'Technical Position Paper for Trade and Regulations in Drugs and Pharmaceuticals for Bangladesh' in WHO-SEARO on the theme "Regional Meeting for Promoting Cooperation for Regulation in Trade of Medical Products" at New Delhi, India held during 22-24 September 2015.
 3. Consultant in implementing of retail pharmacy practice on a project entitled "Designing Implementation Strategy for Accredited Drug Seller model in Bangladesh" which has been awarded and funded by Joint Donor Technical Assistance Fund (JDTAF)—a consortium of donors led by the Department for International Development (DFID) implemented by Management sciences for Health (MSH). Period: 28 April 2016 to 31 July 2016. MSH Code # A477/ADS/// Ref # CASBA4770
 4. As Technical Expert for Pharmacy Management in implementing women friendly Surjer Hashi Pharmacy as an essential package of health services in Bangladesh especially among poor and underserved rural and urban populations on a project commitment to "Enhance Sustainability of ESP Delivery through Innovative Financial Structures" (Sub-IR 1.3) which has been awarded by NHSDP and funded by USAID-DFID implemented by Pathfinder International. Period: 23 October 2016 to 20 July 2017. USAID Contract # AID 388-C-13-00002.
 5. As an Expert contributed in the WHO Consultation Meeting on benchmarks for practice documents of Ayurveda, Unani and Panchakarma at the Institute for Post Graduate Teaching & Research in Ayurveda (IPGT&RA), Gujarat Ayurved University, Jamnagar, Gujarat, India organized by WHO, SEARO, Delhi hosted by Ministry of AYUSH, Government of India during 26-29 November 2019.
 6. National Consultant for mid-term program implementation review report (MTR 2020) on 4th Health Population and Nutrition Sector Program (HPNSP) under the MOHFW, GOB on the thematic area 'Drug Quality and Regulation' with operation plan "Strengthening of Drug Administration and Management (SDAM)" and general objective "*to ensure quality, efficacious and safe pharmaceutical products for improving the health of the people and contribute GDP growth of Bangladesh*" which has been awarded and funded by the Department for International Development (DFID) implemented by Management sciences for Health (MSH) and Better Health Bangladesh (BHB). Period: 17 February 2020 to 30 April 2020. MSH/BHB Code # A0583.PTAO; Ref # CA-SB-BD-BHB-202002
 7. Consultant for preparation of e-learning training modules on i) Role of Pharmacists'/dispensers' during COVID-19 (including Infection Prevention & Control-IPC) pandemic situation to ensure Good Dispensing Practice (GDP) and ii) Role of Pharmacists'/dispensers' in Anti-Microbial Resistance (AMR) due to irrational use of antibiotic during COVID-19 and in normal time to ensure Good Dispensing Practices (GDP). According to the deliverables of the agreement the e-learning content will be translated into Bangla followed by hosting to PCB website through a2i-muktopaath platform. The program was funded by the Management Sciences for Health (MSH) implemented by Better Health Bangladesh (BHB). Period: 20 August 2020 to 10 October 2020. MSH/BHB Consultant Agreement # CA-SB-BD-BH 8-042020.
 8. Consultative research work on Baseline Study on Traditional Medicines of Bangladesh: The Present Status" implemented through signing between Dhaka University and Bangladesh Unani Aushadh Shilpa Samity (BUASS). The research was funded by Medicinal Plant and Herbal Product Business Promotion Council (MPHPBPC), Ministry of Commerce, Government of Bangladesh. Period: January 2022 to March 2022. Agreement Signed: 25 December 2021.

LEADING NON-GOVERNMENT ORGANIZATION

Representing as Chairman of the Organization Interactive R&D Bangladesh, Address: Florida Castle, Suite E2, House 7, Road 23/A, Gulshan 1, Dhaka 1212, Bangladesh. Interactive R&D Bangladesh will engage in long-term health and development works, build resilience across the communities, and seek to address the root causes of health inequality through game-changing research, sustainable business model development, public health programming, technology innovations in health, capacity building and policy advocacy for better health outcomes.

NATIONAL AND INTERNATIONAL CONFERENCE ORGANIZER

1. Organizing Secretary, Local Organizing Committee, ISE SFEC 2018, International Society for Ethnopharmacognosy at Dhaka during 13-15 January 2018 on the theme "Ethnopharmacology & Drug Discovery: Innovation meets Tradition". Total participants of the congress were 850, among them 200 were foreigners.
2. Organizing Secretary, ISE SFEC National Conference 2017 on a theme "Drug Discovery and development from Natural Sources" at senate Building, University of Dhaka on 21 May 2017 organized by the Department of Pharmacy, University of Dhaka.

SERVING GOVERNMENT/ACADEMIC/REGULATORY BODIES

1. Participated as a member of the parliamentary body under the Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh for inspection of all Drug manufacturing units in Bangladesh after paracetamol tragedy since 2009 to till to-date.
2. Contributed as a member of Unani and Ayurvedic Medicine Board for setting of test criteria of traditional medicines under the Director General of Drug Administration (DGDA) since 2008.
3. Contributed as Editorial Board Member for publication of Bangladesh National Formulary (BDNF) forth edition under the Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh.
4. Member Task Force Committee, Antimicrobial Resistance Awareness Program, Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh.
5. Contributed as Executive Editor of the Editorial Board and member of the working committee for publication of Bangladesh National Formulary (BDNF) fifth edition under the Director General of Drug Administration (DGDA), Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh.
6. Serving as a Chairman, Courses Committee, Govt Unani and Ayurvedic Medical College, Mirpur under the Faculty of Pharmacy, University of Dhaka.
7. Member of Drug Control Committee (DCC), Directorate General of Drug Administration, Ministry of Health and Family Welfare, Govt. of the Peoples' Republic of Bangladesh.
8. Serving as an expert member in evaluation of academic institutions under University Grants Commission of Bangladesh.
9. Working as a member of the Pharmacy Council of Bangladesh.

SOCIETY AFFILIATION

President, Dhaka University Pharmacy Alumni Association (DUPAA)



Ex-Secretary, Dhaka University Pharmacy Alumni Association (DUPAA)
Member, International Society for Ethnopharmacology (ISE), UK
Member, Society for Ethnopharmacology (SFE), India.
Executive Member, Bangladesh Pharmaceutical Society
Vice-President, Pharmacy Graduates' Association, Bangladesh
Member, Bangladesh Population Association
Member, Dhaka University Alumni Association
Member, Jagannath Hall Alumni Association, Dhaka University
Treasurer, Bangladesh Bioethics Society
Ex-President, Vivekananda Shiksha O Sanskrity Porishad, Bangladesh.
Ex-Vice President, Vivekananda Shiksha O Sanskrity Porishad, Bangladesh
Member, Governing Body, Ramkrishna Math and Mission, Dhaka, Bangladesh.

AWARDS/SCHOLARSHIPS

1991 – 1995	Research Scholarship Awarded by Indian Council for Cultural Relations (ICCR), Indraprastha State, New Delhi, India.
2001 - 2001	Senior Research Fellow, Ministry of Science & Technology, Government of the People's Republic of Bangladesh.
April 2004 - April 2006	Postdoctoral Research Fellow in King Abdullah Hospital, Bisha, Kingdom of Saudi Arabia under the Ministry of Health.

JOURNAL REVIEWER (NATIONAL AND INTERNATIONAL) AND MEMBER

Journal of Ethnopharmacology (Elsevier)
Molecules MDPI
African Journal of Pharmacy and Pharmacology published from Africa
Frontiers in Pharmacology (Elsevier)
Brazilian Journal of Pharmacognosy published from Brazil
Phytochemical Analysis published from United Kingdom (member editorial board)
African Journal of Alternative and Complementary Medicine published from Africa (Nigeria)
The Dhaka University Journal of Pharmaceutical Sciences published from Dhaka University, Bangladesh (Member Editorial Board)
Bangladesh Journal of Life Sciences published from Jahangirnagar University, Bangladesh
BCSIR Journal published from Bangladesh Council for Industrial Research, Kudrat-e-Khoda Road, Dhanmondi, Dhaka-1205, Bangladesh.
---and more

WORKSHOPS/SEMINAR/SYMPOSIUM

01. Participated in a National Workshop on "Waste Water Treatment for SME's" sponsored by the Asian and Pacific Centre for Transfer of Technology (APCTT) and the Ministry of Science & Technology,

Government of the People's Republic of Bangladesh held in Dhaka at Bangladesh Council of Scientific and Industrial Research (BCSIR) from February 01 – 04, 2000.

02. Participated in the 10th Asian Symposium on Medicinal Plants, Spices and Other Natural Products (ASOMPS X) held in Dhaka from November 18-23, 2000.
03. Attended the symposium on 'Update in Childhood Endocrinology' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on April 29, 2004.
04. Attended the basic course on ' Health Care quality' conducted by the General Directorate of Quality Assurance, Ministry of Health, KSA, held in Prince Abdullah Bin Abdulaziz Hospital from May 25 – 26, 2004.
05. Attended and participated as speaker in the symposium on ' Pyrexia of Unknown Origin' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on October 07, 2004.
06. Participated in the symposium on ' Southern Region Orthopaedic Club 4th Meeting' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on December 09, 2004.
07. Attended the national symposium on ' Management of critically ill Patient' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on December 16, 2004.
08. Attended, participated and conducted the symposium on ' New Trends in Pharmaceuticals and Therapeutics' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on February 24, 2005.
09. Attended the symposium on ' Management of Polytrauma Patient' organized by King Faisal Specialist Hospital & Research Centre, Health Outreach & Business Affairs, held on April 02, 2005.
10. Attended the telemedicine program on ' Safety Handling of Chemotherapeutic Agents ' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on June 27, 2005.
11. Participated a workshop on ' The Basic Principles of Adult Parenteral Nutrition' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on April 03, 2005.
12. Attended the national symposium on ' Critical care Shock' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on April 28, 2005.
13. Attended the symposium on ' LEPROSY The Unpaid Surgeon' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on June 27, 2005.
14. Attended the national symposium on ' Role Medical Imaging in Clinical Diagnosis' held in Prince Abdullah Bin Abdulaziz Hospital, KSA on July 28, 2005.
15. Attended the symposium on ' Surgical Update' held in King Abdullah Hospital, Health Directorate Bisha, KSA on September 29, 2005
16. Participated in the Workshop on "Use of Herbal and Nutritional Supplements in Clinical Practice" held in Security Forces Hospital, Riyadh, KSA from November 16 -17, 2005.
17. Participated in a Workshop on ' Ambulatory care Clinics Experience' held in Security Forces hospital, Riyadh, KSA from November 16 - 17, 2005.
18. Participated in the Workshop on ' General Management of Poisoning' held in Security Forces hospital, Riyadh, KSA from November 16 - 17, 2005.
19. Participated in a Workshop on ' A New Era in Pharmacy Practice' held in Security Forces hospital, Riyadh, KSA from November 16 - 17, 2005.

20. Attended the Live Broadcast Lecture from Philadelphia, USA of the 'Asthma: What you should do when Meds do not work' organized by King Faisal Specialist Hospital & Research Centre, Riyadh, KSA on March 28, 2006.
21. Organized and attended a symposium on 'Medicine Update' held in King Abdullah Hospital, Health Directorate Bisha, KSA on April 06, 2006.
22. Participated in the Workshop on 'Ethics Education in Bangladesh' held in University Grand's Commission and Ministry of Planning Dhaka, Bangladesh from March, 17 – 18, 2009.
23. Delivered a talk and participated in the "Second UNESCO Ethics Workshop' in Dhaka from July 11 - 12, 2009.
23. Participated in the workshop on "Proposal Writing for Academic Innovation Fund" under Higher Education Quality Enhancement Project (HEQEP) held in University Grants Commission on November 17, 2009.
24. Participated in the '1st' International Conference of Bangladesh Bioethics Society' held in Dhaka Bangladesh from March 15 - 16, 2010.
25. Participated in 'A Month Long Course on Bioethics Education and Research' held in Dhaka Bangladesh from June 05 – July 04, 2010.
26. Participated and presented a scientific paper in a conference on 'Emerging Trends in National Product Research' held in Jadavpur University, Kolkata, India from February 12 - 13, 2011.
27. Participated and chaired a scientific session in the NPR 2011 'Emerging Trends in National Product Research' held at School of Natural Product Studies" Jadavpur University, Kolkata, India from February 12 - 13, 2011.
28. Participated and presented two scientific papers in the 20th annual convention of Bangladeshi-American Pharmacists' Association (BAPA) held in Dolce Hotel and Resorts, 300 North Maple Avenue, Basking Ridge, NJ 07920, USA from July 08 - 10, 2011.
29. Presented a paper on "Appropriate use of traditional medicines implementing the national Formularies of Unani and Ayurved" in a Workshop organized by Directorate General of Drug Administration, supported by WHO, Bangladesh at Institute of Public Health Auditorium on 28 December 2011.
30. Participated and chaired a scientific session in the 12th International Congress of Ethnopharmacology [ISE 2012] "Traditional Medicines and Globalization – The Future of Ancient Systems of Medicine" held in Jadavpur University, Kolkata, India from February 17 - 19, 2012.
31. Presented a paper on "Quality Control of Bangladeshi Ayurvedic Preparation: an Option" in an International Seminar organized by Ayurvedic and Naturopathy Association of Bangladesh (AYUNS) at Diploma Engineers' Institute Auditorium on 16 April 2012.
32. Participated and chaired a scientific session in the International Seminar on "Clinical Research & Regulatory Affairs – Present Scenario" held at Jadavpur University, Kolkata, India from July 16 -17, 2012.
33. Presented a paper on 'Quality Control of Herbal Medicine: Bangladesh Perspective' in a national organized by the Department of Biotechnology and Genetic Engineering funded by INSPIRE project British Council held at Khulna University on 26 February 2013.

34. Presented a keynote paper on “Ayurvedic Medicine: Good Manufacture Practice and Quality Control” in a national workshop organized by Bangladesh Herbal Manufacturing Association held at Parjaton Motel, Bogra on 17 - 21 June 2013.
35. Presented a keynote paper on “Importance and Impacts of Medicinal Plant Cultivation in Bangladesh” in a national seminar organized by Bangladesh Herbal Manufacturing Association held at BCSIR, Food and Nutrition auditorium, Dhaka on 29 June 2013.
36. Presented a keynote paper on “Importance and Impacts of Medicinal Plant Cultivation in Bangladesh” in a scientific session of an International seminar organized by the Department of Biotechnology and Genetic Engineering, Khulna university funded by INSPIRE project British Council held at Ava Centre, Khulna on 6 July 2013.
37. Presented a keynote paper on “Rural Prosperity Enhancement through Medicinal Plant Cultivation” in a national seminar on “Enhancing Rural Prosperity through Inclusive and Sustainable Agricultural Value chains in Bangladesh” organized by SDC-Samriddhi project of Helvetas Swiss Intercooperation, Bangladesh held at CIRDAP International Conference Center, Dhaka from 14 -15 September 2013.
38. Keynote Speaker to a national advocacy seminar on “Inclusive and Sustainable Private Rural Service Provision System for Rural Prosperity: the Experience of Samriddhi in Bangladesh” organized by SDC-Samriddhi project of Helvetas Swiss Intercooperation, Bangladesh held at CIRDAP International Conference Center, Dhaka on 4 March 2014.
39. Presented an invited plenary lecture on ‘Importance and Impact of Medicinal Plant Cultivation in Bangladesh’ in the 1st International Congress Society for Ethnopharmacology (ICSE 2014) at Sri Ramchandra University, Chennai, India organized by Society for Ethnopharmacological India held on 7 - 9 March 2014.
40. Participated, chaired and organized an in the International Seminar cum workshop on “Recent Advancement in Clinical Research with Special Emphasize on BA/BE Study“ at Jadavpur University, Kolkata – 700 032, organized by Bioequivalency Study Centre, Department of Pharmaceutical Technology, held on 11-15 September 2014.
41. Participated and chaired in the International Conference on “Frontier in Pharmaceutical Science and Research“ of theme “Cutting edge Technology in New Drug Discovery & Drug Delivery Systems” at Raipur, Chattisgarh, India, organized by Columbia Institute of Pharmacy, Raipur in association with Society for Ethnopharmacology, India held on 11-12 October 2014.
42. Presented an invited lecture on ‘Exploration of Cannabinoids as Target Specific Novel Aromatase Inhibitor for treatment of Breast Cancer’ in the International Conference on “Frontier in Pharmaceutical Science and Research“ of theme “Cutting edge Technology in New Drug Discovery & Drug Delivery Systems” at Raipur, Chattisgarh, India, organized by Columbia Institute of Pharmacy, Raipur in association with Society for Ethnopharmacology, India held on 11-12 October 2014.
43. Presented an invited lecture on ‘Design and Development of Selective Enzyme Inhibitors for Target Specific Breast Cancer’ in the 2nd International Congress of Society for Ethnopharmacology on “Validation of Medicinal Plants and Traditional Medicines - Global Perspectives” at Nagpur, India, jointly organized by Department of Pharmaceutical Sciences, RTM Nagpur University, Nagpur and Society for Ethnopharmacology India held on 20-22 February, 2015.
44. Invited Plenary Speaker on ‘Chemometric Analyses of Cannabinoids for Selective Aromatase Inhibition’ and chaired in the International Conference on Natural Products (ICNP 2015) on the theme of “*Propelling Science and Technology Through Natural Products*” at DoubleTree by Hilton Hotel, Johor

Bahru, Johor, Malaysia, jointly organized by the Department of Chemistry, Faculty of Science, Universiti Teknologi Malaysia and Malaysian Natural Products Society on 24-25 March, 2015.

45. Presented an invited lecture on 'Technical Position Paper for Trade and Regulations in Drugs and Pharmaceuticals for Bangladesh' in WHO-SEARO on the theme "Regional Meeting for Promoting Cooperation for Regulation in Trade of Medical Products" at New Delhi, India held on 22-24 September 2015..
46. Presented an invited lecture on 'Hospital Pharmacy Education and Practice: A Support Service to Health Care Providers' in 1st National Conference on Health Professions Education in Bangladesh on the theme of "Universal Health Coverage (UHC) and need for a Transformative Scaling up of Health Professions Education (HPE)" held on 27-28 November 2015.
47. Invited Plenary Speaker on 'Analgesic and Anti-inflammatory Activity of Bangladesh Medicinal Plants' in the 2nd National Convention of Society for Ethnopharmacology (SFE) India 2015 at Jadavpur University Kolkata organized by School of Natural Products, Department of Pharmaceutical Technology, Jadavpur University held on 5-6 December, 2015.
48. Invited Speaker on 'Pharmacy Education and Hospital Pharmacy Practice in Bangladesh' in the National conference on "Challenges of Pharmacy Practice and Education System in India at Nirmala College of Health Sciences (Pharmacy), Meloor, Kunnappilly, Chalakkudy, Thrissur, Kerala-680311 India jointly organized by Pharmaceutical Society of Kerala and Nirmala college of Health Sciences held on 08 to 09 April 2016 .
49. Invited Speaker in the 3rd convention of SFE-India & national seminar on "Analytical Techniques for Drug Discovery & Development from Natural Products" organized by the Society for Ethnopharmacology, India (SFE-India) at KP Basu Memorial Hall, Jadavpur University, Kolkata on September 24, 2016.
50. Invited Speaker in the 7th World Ayurveda Congress & AROGYA Expo and International Conclave on "Ethno-medicine, Ethnopharmacology and Traditional Health Practices "Learning from the Nature: Tradition to Innovation" under the joint auspices of Ministry of Ayush, Government of India and the Society for Ethnopharmacology, India (SFE-India) during December 1-4, 2016.
51. Invited Plenary Speaker in the 17th International Congress of International Society for Ethnopharmacology (ISE) organized by the Faculty of Agricultural and Food Sciences, Holy Spirit University of Kaslik, Lebanon held on 24-28 April 2017.
52. Speaker on 'Traditional Knowledge of Medicinal Plants Used by the Ethnic People of Khagrachari District, Bangladesh' in the International Conference on Natural Products (ICNP 2018) on the theme of "*Exploring Natural Products for Drug Discovery and Healthcare*" at Bayview Beach Resort, Batu Ferringhi, Penang, Malaysia, jointly organized by the Universiti Sains Malaysia and Malaysian Natural Products Society during 19-21 March 2018.
53. Invited Keynote Speaker in the "PSE-YSM Liverpool 2018" on Analgesic and Anti-inflammatory Activity Principles from Bangladeshi Medicinal Plants organized by the Phytochemical Society of Europe (PSE) at Redmond Building, Liverpool John Moores University, London held on 02-05, July 2018.
54. Speaker on 'Bangladeshi Medicinal Plants with Various Pharmacological Potentials' in the 1st International Conference on "*Globalization of Traditional Medicines*" at Mae Fah Luang University, Chiang Rai Thailand, jointly organized by School of Health Sciences, Mae Fah Luang University and Society for Ethnopharmacology, India during 06-08 December 2018.
55. Speaker on 'Traditional Knowledge of Medicinal Plants Used by the Ethnic People of Khagrachari District, Bangladesh' in the 8th World Ayurveda Congress & AROGYA Expo 2018 and International Conclave

- on “Ethnopharmacology, Ethno-Medicine and Traditional Health Practices-Global Scenario” under the joint auspices of World Ayurveda Foundation and Ministry of Ayush, Government of India focusing on “Re-aligning the Focus on Health” held in Gujarat University Convention and Exhibition Center, Ahmedabad, India during 14-17 December 2018.
56. Participated in the 20th Asian Bioethics Conference held in Dhaka, Bangladesh during 22-25 November 2019.
 57. Participated as an Expert in the WHO Consultation Meeting on benchmarks for practice documents of Ayurveda, Unani and Panchakarma at the Institute for Post Graduate Teaching & Research in Ayurveda (IPGT&RA), Gujarat Ayurved University, Jamnagar, Gujarat, India organized by WHO, SEARO, Delhi hosted by Ministry of AYUSH, Government of India during 26-29 November 2019.
 58. Invited Speaker on ‘Essential Oil Composition of Ginger Rhizomes of Bangladesh and Its Ethnopharmacological Validation’ in the International Conference on Emerging Trends in Delivery of Phytoconstituents and Ethnopharmacology-Validation of Traditional Medicine-II” organized by Poona College of Pharmacy, Bharati Vidyapeeth University, Pune in association of AICTE, Govt. of India and SFE India-Pune Chapter held in Poona College of Pharmacy, Pune, India during 29-30 November 2019.
 59. Plenary Speaker on ‘Hepatoprotective Natural Compounds’ organized by School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi, India in association with the Society for Ethnopharmacology, India held in Jamia Hamdard University, New Delhi, India during 14-17 February 2020.
 60. Keynote Speaker on “COVID situation in Bangladesh and use of Traditional Medicines” in the webinar series Reimagine Ethnopharmacology organized by the Society for Ethnopharmacology India in association with the Institute of Biodiversity and Sustainable Development (IBSD), Imphal, India on 11 July 2020.
 61. Plenary Speaker on ‘Ethnopharmacological Evaluation of Ginger available in Bangladesh’ organized by Society for Ethnopharmacology in the 7th Convention of the SFE, India, held in the Institute of Biodiversity and Sustainable Development (IBSD), Imphal, India during 17-19, December 2020
 62. Plenary Speaker on ‘Medicinal Plants with Antiviral Activity Available in Bangladesh and Mechanistic Insight into Their Bioactive Metabolites on SARS-CoV-2, HIV and HBV’ organized by Centre for Natural Product Discovery (CNPD) in the 3rd Annual Conference 2022 held in Liverpool John Moors University, UK during 2-4, March 2022.
 63. Plenary Speaker on ‘Medicinal Plants with Antiviral Activity Available in Bangladesh and Mechanistic Insight into Their Bioactive Metabolites on SARS-CoV-2, HIV and HBV’ in the XII IASTAM Oration and Award Function-2022 Organized by Centre of Excellence in Unani Medicine (Pharmacognosy and Pharmacology), Jamia Hamdard University, New Delhi in collaboration with IASTAM, India during July 29-30, 2022.
 64. Plenary Speaker on ‘Export Potentiality of Bangladeshi Medicinal Plants: The Present Status’ in the International Bioresources Conclave & Thnopharmacolgy Congress (ISESFEC 2023) Jointly Organized by Institute of Bioresources & Sustainable Development (IBSD), Imphal, Manipur, India and Society for Ethnopharmacology, India during February 24-26, 2023.
 65. Keynote Speaker on ‘Bangladeshi Medicinal Plants as a Source of Export Potentiality’ in the International Conference 2023 with a theme Plants to Patients Series III: Rethinking Ethnopharmacology Organized by Patanjali Research Institute, University of Patanjali, Haridwar, India during February 28 – March 2, 2023.

66. Panelist in the international conference on 'Innovative Research and Development in Health sciences: A Global Transformation from Traditional to Digital Era' Organized by NSHM Institute of Health Sciences, NSHM Knowledge Campus, Kolkata, India during September 29-30, 2023.
67. Plenary Speaker on 'Antibiotic Resistance in Healthcare Settings in Bangladesh' in the international conference on 'Innovative Research and Development in Health sciences: A Global Transformation from Traditional to Digital Era' Organized by NSHM Institute of Health Sciences, NSHM Knowledge Campus, Kolkata, India during September 29-30, 2023.
68. Invited Speaker on 'Bangladesh's Pharmaceutical Success Journey, In-House Key Success in the Pharma Market, and achievement in exporting pharmaceutical products to international markets' in the international Pharma Conclave 2023 oorganized by Association of Pharmaceutical Producers of Nepal (APPON), Kathmandu, Nepal on October 12, 2023.

LIST OF PUBLICATIONS

A. BOOK CHAPTER

10. Frontiers in Pharmacology, Drug Development of Herbal Medicines: Regulatory Perspectives edited by Subhash C. Mandal, Anna Rita Bilia, Pulok K. Mukherjee, Adolfo Andrade-Cetto, Chandra Kant Katiyar, **Sitesh C. Bachar**, and Motlapula Gilbert Matsabia; published by **Elsevier Inc**; USA, in Press (2022)
9. **Sitesh C Bachar**, A K M Shafiu Kadir, S M Riajul Wahab, Abdullah Al Hasan. Synthetic Heterocyclic Anticancer Compounds Derived from Natural Sources In: Key Heterocyclic Cores for Smart Anticancer Drug-Design edited by Rajesh Kumar Singh, Bentham Publishers Publisher's Pvt Ltd,; Singapore, Chapter 1, July, 2022, 1-56.
8. **Sitesh C Bachar and Kishor Mazumder**. Environmental and Health Impacts of Polymer Nanocomposites In: Advanced Polymer Nanocomposites: Science, Technology and Applications, Md Enamul Hoque, R. Kumar, Ahmed Sharif ed. Elsevier Inc; USA; Chapter 31, January 2022, 547-570
7. **Sitesh C Bachar**, Ritesh Bachar, Khoshnur Jannat, Rownak Jahan, Mohammed Rahmatullah. Hepatoprotective Natural Compounds In: Annual Reports in Medicinal Chemistry, Medicinal Natural Products: A Disease-Focused Approach; Satyajit D. Sarker and Luthfun Nahar, Ed.; Elsevier Inc; USA; Chapter 7, Volume 55, 207-249, 2020
6. B. K. Sajeeb, Mohammad Zashim Uddin and **Sitesh C. Bachar**. Traditional Knowledge of Medicinal Plants Used by the Ethnic People of Khagrachari District, Bangladesh. Traditional Knowledge published by CSIR.
5. **Sitesh C Bachar**, contributing and reviewing chapters for the preparation of Bangladesh National Formulary, 2105 Forth Edition, published by Directorate general of Drug Administration, June 2015.
4. Rownak Jahan, **Sitesh C. Bachar**, Abdullah-Al-Nahain and Mohammed Rahmatullah Pharmacological Activities and Therapeutic Potential of Saraca asoca and its Phytoconstituents in MEDICINAL PLANTS: Phytochemistry, Pharmacology and Therapeutics Vol 4, published by Daya Publishing House, New Delhi, India, Chapter 3, 79-125, 2016

3. **Sitesh C Bachar**, Rawnak Jahan, Md. Saiful Islam Ronney and Mohammad Rahmatullah. Folk use of Medicinal Plants Against Malaria-Fabaceae and Apocynaceae Family. Traditional Medicine and Globalization-The Future of Ancient Systems of Medicine, Edited by Pulok K Mukherjee, Maven Publishers, India. March, Chap 24; 261-271, 2014
2. **Sitesh C Bachar**. Community Pharmacy, Chapter 11, Sahoj Oshudbiggan, First Edition, published by Bangladesh Pharmacy Council, Dhaka, Bangladesh, 2011
1. **Sitesh C Bachar**. Bangladesh National Formulary 2001, Appendix 7, First Edition, published Directorate of Drug Administration, 105-106 Motijheel C/A, Dhaka-1000 in association with Bangladesh Medical Association, BMA Bhaban, 15/2 Topkhana Road, Dhaka-1000 and Bangladesh Pharmaceutical Society.

B. RESEARCH ARTICLE

130. Mamun Al Mahatab, Sitesh C. Bachar, Kakon Nag, Mohammad Mohiuddin, Md. Abdur Rahim, Md. Helal Uddin, Samir Kumar, Md. Maksudur Rahman Khan, Md. Enamul Haq Sarker, Rony Roy, Sourav Chakraborty, Bipul Kumar Biswas, Md. Emrul Hasan Bappi, Ratan Roy, Uttam Barman and Naznin Sultana. Clinical evaluation in adult human revealed the biosimilarity of recombinant Erythropoietin GBPD002 with Eprex®. Archives in Clinical and Biomedical Research, Vol. 7 (4), 459-468, 2023. DOI. 10.26502/acbr.50170361
129. B. K. Sajeeb, Mohammad Zashim Uddin, Ritesh Bachar and Sitesh C. Bachar. Ethnobotanical study on medicinal plants used by the ethnic people of Khagrachhari district, Bangladesh. Dhaka Univ. J. Pharm. Sci. 21(2): 217-230, 2022 (December). DOI.org/10.3329/dujps.v21i2.63122.
128. Kishor Mazumder, Asma Aktar, Priyanka Roy, Biswajit Biswas, Md. Emran Hossain, Kishore Kumar Sarkar, **Sitesh Chandra Bachar**, Firoj Ahmed, A. S. M. Monjur-Al-Hossain and Koichi Fukase. A Review on Mechanistic Insight of Plant Derived Anticancer Bioactive Phytocompounds and Their Structure Activity Relationship. MDPI Molecules 2022, 27, 3036. DOI.org/10.3390/molecules27093036
127. Mamun Al Mahtab, Md. Sharfuddin Ahmed, **Sitesh Chandra Bachar**, Kakon Nag, Naznin Sultana, Md. Abdur Rahim, Ritesh Bachar, Nipa Bain, Musarrat Mahtab, Mohammad Helal Uddin, and Sheikh Mohammad Fazle Akbar. The Other Side of the Coin of COVID-19: Development of Molecular and Genetic Sectors in Developing Countries as Exemplified by BANGAVAX® from Bangladesh. Acta Scientific Medical Sciences, Special Issue 2: 17-26, 2022, DOI: 10.31080/ASMS.2022.S02.0005.
126. **Sitesh C. Bachar**, Kishor Mazumder, Ritesh Bachar, Asma Aktar and Mamun Al Mahtab. A Review of Medicinal Plants with Antiviral Activity Available in Bangladesh and Mechanistic Insight of Their Bioactive Metabolites on SARS-CoV-2, HIV, and HBV. Frontiers in Pharmacology, 12: 2021, Article 732891, doi: 10.3389/fphar.2021.732891.
125. Md. Jahidul Hasan, Raihan Rabbani, Ahmad Mursel Anam, Shihan Mahmud Redwanul Huq, Mohammad Mufizul Islam Polash, Shahzadi Sayeeda Tun Nessa, Sitesh C. Bachar. Impact of high dose of baricitinib in severe COVID-19 pneumonia: a prospective cohort study in Bangladesh. BMC Infectious Diseases 21:427, 2021.

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122. Satyajit D Sarker, Lutfun Nahar, Sitesh C Bachar, Mohammad A Rashid. Twenty Years, Twenty Publications and could have been more: Revisiting Research Collaboration with Professor Bidyut Kanti Datta. *Dhaka Univ. J. Pharm. Sci.* 19 (2), 97-103, 2020.
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111. Jahidul Hasan, Ruhul Hassan Joarder, Raihan Rabbani and, Sitesh C. Bachar. Early Event Detection and Discontinuation of the Culprit Drug Increases the Rate of Survival in Severe Cutaneous Adverse Drug Reactions: A Multi-Center Study in Bangladesh. *International Journal of Sciences*, Vol. 8 (1), 55-59, 2019
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