

Dr. Ghulam Nabi Bader, Ph D

Senior Assistant Professor

Department of Pharmaceutical Sciences,
University of Kashmir, Hazratbal, Srinagar, J&K, India

Education:

| <i>Class</i> | <i>University/Board</i> | <i>Division</i> |
|----------------------------|---------------------------------|-----------------------|
| <i>Matric</i> | <i>JKBOSE</i> | <i>1st</i> |
| <i>Senior Secondary</i> | <i>JKBOSE</i> | <i>1st</i> |
| <i>B. Sc</i> | <i>University of Kashmir</i> | <i>1st</i> |
| <i>B. Pharm</i> | <i>University of Kashmir</i> | <i>1st</i> |
| <i>M. Pharm</i> | <i>Jamia Hamdard, New Delhi</i> | <i>1st</i> |
| <i>Ph. D(Pharmacology)</i> | <i>University of Kashmir</i> | |

Research Experience: 13 Years

Teaching Experience: 24 Years

Awards & Grants:

Completed Projects

1. “Pharmacognostic and Biological Evaluation of *Eremurus himalaicus* with emphasis on Antianxiety activity” in 2013 (Funding agency UGC)
2. “Evaluation of anticancer activity of *Senecio laetus* Edgew” in 2017 (Funding agency SRISTI-BIRAC)
3. “Evaluation of hepatoprotective potential of *Ajuga bracteosa*.” in 2017 (Funding agency SRISTI-BIRAC)

Ongoing

“Phytochemical investigation and Pharmacological evaluation of nano-encapsulated and non-encapsulated plant extracts of *Swertia petiolata* and *Oxalis acetosella* against nematode parasites” in 2023 (Funding agency, Department of Science and Technology, and Innovation Council, Jammu and Kashmir, India)

Mentor:

1. Project entitled “Naringenin and THZ1, a Selective CDK7 inhibitor in combination with tamoxifen: A novel strategy to overcome endocrine therapy resistance in estrogen receptor positive breast cancer” by Department of Science and technology, Ministry of Science and Technology, Government of India.

PhD Projects completed: 03

1. Pharmacognostic Standardization, Phytochemical Investigations and Biological Evaluation of some Medicinal plants of Kashmir valley used in the treatment of Rheumatoid Arthritis.
2. Studies on Therapeutic Potential of Naringenin in Management of Polycystic Ovary Syndrome.
3. Gene polymorphism and Dose Optimization Studies of thiamine amongst pregnant and Lactating Women with Thiamine Deficiency.

PhD Projects Ongoing: 04

1. Evaluation of Piperine as potential modulator of AMPK/mTORC1 axis: Implications in cancer genesis.
2. Potential of Farnesol to modulate cancer signalling through mTORC₁ pathway.
3. Evaluation of Naringenin as Potential modulator of apoptosis and autophagy, and its consequences on mTORC1 dependent growth in Cancer
4. Phytochemical investigation and pharmacological evaluation of *Swertia petiolata* and *Oxalis acetosella* against *Haemonchus contortus*

M.Pharm Projects Completed: 22

1. Prevalence of obstructive Sleep Apnea in Patients with Hypertension: An Epidemiological study from a tertiary care hospital of Kashmir valley.
2. Prevalence of obstructive Sleep Apnea in Patients with Diabetes: An Epidemiological study from a tertiary care hospital of Kashmir valley.
3. Comparative study of the safety and efficacy of Ferric Carboxymaltose and Iron Sucrose in women with Iron deficiency Anemia.
4. Pharmacoeconomic analysis of antidiabetic drug therapy at tertiary care hospital.
5. Evaluation of Medicinal Potential of *Acorus Calamus Linn.*

6. Study of Memory enhancing activity of *Polygonum hydropiper* Using mice as experimental model
7. Evaluation of hepatoprotective potential of *Ajuga Bracteosa*
8. Effect of sildenafil citrate on intrauterine growth restriction: An Epidemiological study from a tertiary care hospital of Kashmir valley.
9. A Prospective observational study for safety & efficacy of Ormeloxifene & Medroxyprogesterone acetate in women with Abnormal uterine bleeding.
10. Autophagic cell death induction by a natural compound R12 in pancreatic cancer cell through excessive ROS generation and mTORc1 inhibition.
11. Synthesis and biological evaluation of peptide bioconjugates as potential anticancer agents.
12. Evaluation of TGX herbal topical gel for prevention of UVB induced photodamage in Balb c female mice.
13. Pharmacognostic profile and biological activities of the root of *Aralia cachemirica* Decne.
14. Pharmacognostic Standardization of *Eremurus Himalaicus* and Evaluation of its antianxiety and antioxidant potential
15. Evaluation of Anticancer and Antioxidant Potential of *Senecio Laetus* Edgew, on various Cancer Cell Lines.
16. Pharmacovigilance study of Corona Viruses with special reference to SARS-CoV2
17. Towards Understanding the relationship between cannabidiol and schizophrenia: A systematic review
18. Bacteriophage therapy for *Pseudomonas aeruginosa* infections: Future prospects.
19. Evaluation of Antibacterial, Antifungal and Antioxidant potential of *Juglans regia* root.
20. Phytochemical Screening and evaluation of Antioxidant and antidiabetic potential of *Eremurus himalaicus*.
21. Evaluation of Antibacterial, Antifungal and Antioxidant Potential of different extracts of *Dipsacus inermis* root.
22. Comparative study of Thiopentone and Propofol for induction of anesthesia in adult population- a randomized clinical trial

Memberships:

- Life member Association of pharmacy teachers of India (APTI).
- Life member Pharmacy Graduates Association of India (PGAI)
- Life member institute of Scholars (*INSC*)
- Member international multidisciplinary research foundation (IMRF)
- Member Kashmir University Teachers Association (KUTA)
- Member Departmental research committee (DRC) Pharm. Sciences
- Member Departmental Committee (DC) Pharm Sciences

Editorial member:

- ✓ Journal of Advanced Pharmaceutical Science and Technology.(Open access pub, 3500 data drive suite#No.138, Ranchocardove, CA,95670, U.S.)
- ✓ CPQ Women and child Health (Cientperiodique)

Critical Reviewer:

- International Journal of Clinical Pharmacology and Toxicology ISSN-2167-910 (Sci Doc Publishers).
- Indian Journal of Natural Products and Resources. (INJPR)- ISSN 09760512,09760504 BY [National Institute of Science Communication and Information Resources](#)
- Pharmacognosy journal (pcog@journalonweb.com (ISSN: 0975-3575))
- Sleep (Springer-Nature)
- Sleep Science and Practice (Springer-Nature)
- Sleep and Breathing (Springer-Nature)
- International Medical Case Reports Journal (Dove Press)
- Asian Journal of Immunology
- Phytomedicine Plus (Elsevier)
- Journal of Physiology (Wiley)
- Journal of clinical and Diagnostic Research
- Dose response (SAGE)
- Medicine (Wolters Kluwer Health)
- High Blood Pressure (Springer Nature)

Skills & Activities

1. Pharmacological evaluation of herbs
2. Clinical pharmacology,
3. Phase IV Clinical Trials.
4. Sleep Science

Honours / Distinction / Fellowships / Medals awards

1. Merit scholarships throughout B.Sc and B.Pharm
2. Gold Medalist in M. Pharm
3. Best Paper Award by INSC in 2020
4. National Best Researcher award 2021 in Pharmacology by IMRF
5. Best Paper award in International Conference on Interface between Agriculture, Food, Chemical and Biological Science,2022.

Languages:

English, Urdu, Kashmiri

Research Activities:

Book Chapters:

1. Ozaifa Kareem, Ghulam **Nabi Bader***, Faheem Hyder Pottoo, Mohd Amir, Md Abul Barkat, Mukesh Pandey, Beclin 1 Complex and Neurodegenerative Disorders (2020) in Book "Quality Control of Cellular Protein in Neurodegenerative Disorders" p236-260, IGI Global. <http://dx.doi.org/10.4018/978-1-7998-1317-0.ch009>
2. R Rashid, A Naqash, **GN Bader***, FA Sheikh, Nanotechnology and Diabetes Management: Recent Advances and Future Perspectives in Book "Application of Nanotechnology in Biomedical Sciences", 2020 p 99-117, Springer Singapore. https://doi.org/10.1007/978-981-15-5622-7_6
3. Towseef Ahmad Hajam, Dr Ghulam Nabi Bader, Arif Gulzar Hajam, Global uncertainty: The looming Economic impact of corona virus in China, India USA, Italy, PRAGYA, 2020, p 152-156, ISBN: 979-8597303147 Eudoxia Interdisciplinary Research
4. **G. N. Bader***, R. Rashid, T. Ali, T. A. Hajam, O. Kareem, S. A. Mir, I. Hassan, Medicinal Plants and their Contribution in Socio-Economic Upliftment of the Household in Gurez

- Valley (J&K), Edible Plants in Health and Diseases Volume 1, 2021, 978-981-16-4879-3, Springer nature https://doi.org/10.1007/978-981-16-4880-9_5
5. S. A. Mir, L. A. Dar, T. Ali, O. Kareem, R. Rashid, N. A. Khan, I. A. Chashoo, **G. N. Bader***, Arctium lappa: A Review on Its Phytochemistry and Pharmacology, Edible Plants in Health and Diseases Volume II, 978-981-16-4958-5, Springer Nature https://doi.org/10.1007/978-981-16-4959-2_10
 6. Ozaifa Kareem, Tabasum Ali, Lateef Ahmad Dar, Suhail Ahmad Mir, Rumaisa Rashid, Naqshab Nazli, Tawseef Gulzar, and **G. N. Bader***, Positive Health Benefits of Saponins from Edible Legumes: Phytochemistry and Pharmacology, Edible Plants in Health and Diseases Volume II, 978-981-16-4958-5, Springer Nature https://doi.org/10.1007/978-981-16-4959-2_8
 7. Suhail Ahmad Mir, Jaaziyah, Laraibah Hamid, Ashraf Dar, Nisar Ahmad Khan, and **Ghulam Nabi Bader*** Unveiling the Role of MicroRNAs as the Markers of Neuroinflammation, Elsevier (Submitted)
 8. Laraibah Hamid, Suhail Ahmad Mir, Nasir Nisar, Lateef Ahmad Dar, Hidayatullah Tak, and **Ghulam Nabi Bader*** “Endometrial and Placental Dysfunction in Recurrent Pregnancy Loss” Elsevier (Submitted)

Research papers:

1. Hasham Shafi, D.V. Siva Reddy, Rumaisa Rashid, Trisha Roy, Shabnam Kawoosa, G.N. Bader, Chakradhar JVUS, Abdalla Abdal-hay, Mushtaq A. Beigh, Shafquat Majeed, Nisar Ahmad Khan, Faheem A. Sheikh, “Optimizing the fabrication of electrospun nanofibers of prochlorperazine for enhanced dissolution and permeation properties, *Biomaterials Advances*, Volume 158, 2024, 213773, ISSN 2772-9508, <https://doi.org/10.1016/j.bioadv.2024.213773>. **IF=7.9**
2. Suhail Ahmad Mir, Ashraf Dar, Laraibah Hamid, Nasir Nisar, Jonaid Ahmad Malik, Tabasum Ali, **Ghulam Nabi Bader*** “Flavonoids as promising molecules in the cancer therapy: An insight” *Current Research in Pharmacology and Drug Discovery* 6 (2023) 100167. <https://doi.org/10.1016/j.crphar.2023.100167> **IF=2.9**

3. Ali, T., Majeed, S.T., Majeed, R. *et al.* Recent Advances in the Pharmacological Properties and Molecular Mechanisms of Carvacrol. *Rev. Bras. Farmacogn.* **34**, 35–47 (2023). <https://doi.org/10.1007/s43450-023-00433-3> **IF=2.46**
4. Mir SA, Dar A, Alshehri SA, Wahab S, Hamid L, Almoyad MA, Ali T, **Bader GN***. “Exploring the mTOR signalling pathway and its inhibitory scope in cancer”. *Pharmaceuticals*. 2023 Jul 14;16(7):1004. <https://doi.org/10.3390/ph16071004> **IF= 4.6**
5. Laraibah Hamid, Abdulrhman Alsayari, Hidayatullah Tak, Suhail Ahmad Mir, Mohammad Ali Abdullah Almoyad, Shadma Wahab and **Ghulam Nabi Bader***, “An Insight into the Global Problem of Gastrointestinal Helminth Infections amongst Livestock: Does Nanotechnology Provide an Alternative?. *Agriculture* 2023, 13, 1359. <https://doi.org/10.3390/agriculture13071359>. **IF=3.6**
6. Rashid R, Tripathi R, Singh A, Sarkar S, Kawale A, **Bader GN**, Gupta S, Gupta RK, Jha RK. Naringenin improves ovarian health by reducing the serum androgen and eliminating follicular cysts in letrozole-induced polycystic ovary syndrome in the Sprague Dawley rats. *Phytotherapy Research*. 2023 May 10. <https://doi.org/10.1002/ptr.7860> **IF=7.2**
7. Kareem O, Nisar S, Tanvir M, Muzaffer U and **Bader GN*** (2023) “Thiamine deficiency in pregnancy and lactation: implications and present perspectives”. *Front. Nutr.* 10:1080611. doi: <https://doi.org/10.3389%2Ffnut.2023.1080611> **IF= 6.59**
8. Ozaifa Kareem, Samiya Mufti, Masood Tanveer, Sobia Nisar and **GN Bader***, Prevalence of Thiamine Deficiency in Pregnancy and its impact on fetal outcome in an area endemic for thiamine deficiency in PLOS Neglected Tropical Diseases (2023)17(5): e0011324. <https://doi.org/10.1371/journal.pntd.0011324> . **IF= 4.78**
9. Mir SA, Ara R, Amin F, Malik A, Hamid L, Ali T, **Bader GN**, Wani SU, Almuqbil M, Alshehri S, Alshehri AM. Evaluation of the Safety and Efficacy of Ormeloxifene, a Selective Estrogen Receptor Modulator and Medroxyprogesterone Acetate in Women with Non-Structural Abnormal Uterine Bleeding: A Randomized Clinical Trial. *Medicina*. 2022 Oct 22;58(11):1503 2) <https://doi.org/10.3390%2Fmedicina58111503> **IF=2.94**
10. Mir SA, Hamid L, **Bader GN**, Shoaib A, Rahamathulla M, Alshahrani MY, Alam P, Shakeel F. Role of Nanotechnology in Overcoming the Multidrug Resistance in Cancer Therapy: A Review. *Molecules*. 2022; 27(19): 6608 .<https://doi.org/10.3390/>

[molecules27196608](#) **IF= 4.92**

11. Samima Khatun, Abhinav Singh, **Ghulam N. Bader** & Firdoos Ahmad Sofi (2021) Imidazopyridine, a promising scaffold with potential medicinal applications and structural activity relationship (SAR): recent advances, Journal of Biomolecular Structure and Dynamics, DOI: [10.1080/07391102.2021.1997818](#) **IF= 5.235**
12. Rumaisa Rashid, Suhail Ahmad Mir, Ozaifa Kareem, Tabasum Ali, Rifat Ara, Anjum Malik, Fiza Amin, and **G N Bader*** (2022), Polycystic ovarian syndrome-Current Pharmacotherapy and clinical implications, Taiwanese Journal of Obstetrics and Gynecology, 61 (2022) 40-50: <https://doi.org/10.1016/j.tjog.2021.11.009> **IF= 2.1**
13. Naqash A, Ara R, **Bader GN***. Effectiveness and safety of ferric carboxymaltose compared to iron sucrose in women with iron deficiency anemia: Phase IV clinical trials. BMC Womens Health. 2018 Jan;18(1):6. <https://doi.org/10.1186/s12905-017-0506-8> **IF= 2.745**
14. Ozaifa Kareem, Masood Tanveer, **G.N. Bader*** (2022), Obstructive sleep apnoea and metabolic syndrome, Sleep and vigilance, Springer-Nature, May,2022 <https://doi.org/10.1007/s41782-022-00204>. **IF= 1.49**
15. Ahad Mir P, Mohi-ud-din R, Akbar Dar M, **Bader GN**. Evaluation of Anti-Arthritic Potential of *Arisaema propinquum* Schott Rhizomes against Complete Freund's Adjuvant Induced Arthritic Rats. Ann Pharmacol Pharm. 2020; 5(2): 1180.
16. Mir PA, Mohi-ud-din R, Dar MA, **Bader GN**. Pharmacognostical standardization, phytochemical investigation, and anthelmintic activity of *Arisaema propinquum* Schott rhizomes. Phcog Res 2020;12:181-5
17. Kareem O, Tanvir M, Naqash A, **Bader GN*** Prevalence of high-risk obstructive sleep apnoea by Berlin questionnaire in patients with hypertension: study from a tertiary care hospital, Sleep Science and Practice, 2020, 4(1) **IF= 1.54**
18. PA Mir, R Mohi-u-Din, MA Dar, GN Bader* Anti-inflammatory and Anti-helminthic potential of Methanolic and Aqueous extract of *Polygonum alpinum* rhizomes - Journal of Drug Delivery and Therapeutics, 2019, 9 (3) 455-459.
19. PA Mir, MA Dar, R Mohi-ud-din, **GN Bader**- Evaluation of Antioxidant and Anti-Inflammatory Activity of Methanolic and Aqueous Extract of *Arisaema propinquum* Schott Rhizomes J Biomed Pharm Sci,2019, 2 (120), 2.

20. T Ali, Z Shah, R Bashir, **GN Bader*** - The traditional medicine and phytoconstituents from natural products for liver disease: A review, *Journal of Drug Delivery and Therapeutics*, 2019, 9(2)484-488
21. Syed Umer Farooq, Suhail Ahmad Mir, Ozaifa Kareem, Rumaisa Rashid, Rifat Ara and **GN Bader***, Sildenafil Citrate in Management of Intrauterine Growth Restriction: A Case Study Case Report, *J Gynecol Women's Health*, 2019, 15(2): JGWH.MS.ID.555910
22. Kareem O, Tanvir M, Naqash A, **Bader GN***. Obstructive Sleep Apnoea: A Risk Factor for Hypertension. *J Cardiol and Cardiovasc Sciences* (2018) 2(2):20-28.
23. **Bader GN***, Naqash A, Ahad A, Ali S. Antiinflammatory and analgesic studies on *Swertia tetragona* Edgew studies. *IOSR Journal of Pharmacy and Biological Sciences (IOSR JPBS)*. 2018;13(1):41-50.
24. Naqash A, **Bader GN***. Influence of Iron Deficiency Anemia on HbA1c: A Review. *Current Research in Diabetes Obesity Journal*. 2018;5(3):21–3.
25. Mir P.A, Naqash A, Shah M.Y, Bhat Z.A, **Bader G.N***. Pharmacognostical standardization, phytochemical analysis and in-vitro antioxidant activity of rhizome of *Polygonum alpinum* All. *International Journal of Phytopharmacy*. 2017;7(5):47-56.
26. **Bader GN***, Mir PA, Ali S. Evaluation of Anti Inflammatory and Analgesic Activity of Rhizome of *Swertia petiolata*. *American J. PharmTechRes*. 2017;7(4).
27. **Bader GN***, Naqash A, Mir PA, Ali S. Evaluation of Hepatoprotective Potential of *Swertia petiolata* Edgew. *IOSR Journal of Pharmacy and Biological Sciences (IOSR JPBS)*. 2017;12(5):17-28.
28. Naqash A, Ara R, **Bader GN***. Etiology, Treatment and Prevention of Iron Deficiency Anaemia (IDA) In Women: A Review. *Br J Med Health Res*. 2017;4(8):1-15.
29. **Bader GN***, Mir PA, Naqash A, Ali T, Wadoo RA, Ali S. Phytochemical screening and evaluation of hepatoprotective potential of *Swertia petiolata* against thioacetamide induced hepatotoxicity in rats. *International Journal of Current Research*. 2017;9(6):52737-52747.
30. **Bader GN***, Mir PA. Phytochemical screening and evaluation of hepatoprotective potential of *Swertia petiolata* against thioacetamide induced hepatotoxicity in rats. *International Journal of Current Research* 06/2017; 9(6):52737-52747.

31. Fazili I, Tanvir M, Naqash A, **Bader GN***. Incidence and pattern of diabetes and pharmaco-economic analysis of antidiabetic drug therapy at a tertiary care hospital. *European Journal of Pharmaceutical and Medical Research*. 2017,4(6), 468-472.
32. Mir,P.A and **Bader GN***. Current status of herbal drugs used in the treatment of diabetes mellitus. *World Journal of Pharmaceutical Research* 01/2017; 6(1):323-341., DOI:10.20959/wjpr201701-7622
33. Mir, P.A., Neha Sharma and **Bader GN***. Effect of alcoholic extract of *Portulaca oleracea* linn from Pulwama district of Kashmir valley on alloxan- induced diabetic rats. *World journal of pharmacy and pharmaceutical sciences*. 2016; 5(1):1264-1271.
34. Mir, P.A., Bhat Z.A., and **Bader GN***. Present status of antiinflammatory and antirheumatic phytoconstituents: a review. *World journal of pharmacy and pharmaceutical sciences*. 11/2014; 3(11):272-310.
35. Mir, P.A. and **Bader GN***. Treating rheumatoid arthritis with medicinal herbs - an up-to-date compilation of herbal drugs used for treating the disease. *Advance Research in Pharmaceuticals and Biologicals*. 2014;4(2):676-84
36. **Bader GN***. Antimicrobial studies of rhizome of *Swertia petiolata*. *Journal of Applied Pharmaceutical Science* 01/2014; 4(12):128-130.
37. **Bader GN***. Anti-Inflammatory Activity of (2-Hydroxy-4-Methoxyphenyl) 2,3,4, 5-Tetrahydropyridazine-3-One, An Aroyl Propionic Acid Derivative. *Journal of Pharmacy Research* 01/2012; 5(6):3148-3150.
38. Sajad T, Zargar A, Ahmad T, **Bader GN.**, Naime M, Ali S. Antibacterial and Anti-inflammatory Potential *Bergenia ligulata*. *Journal of Biomed Science*, 10/2010; 2:313-321.
39. Bhat ZA, Ansari SH, **Bader GN**, Khan NA, Chashoo IA, Mustafa G. Anti-Hyperglycemic Activity of Alcoholic Extract of *Swertia tetragona* Edgew. *Pharmacologyonline*. 2009; 2:912-917.

Conference Proceedings (Last 5 years)

1. Risk factors of Ferric Carboxymaltose and Iron Sucrose in Women with Iron Deficiency Anaemia. 16th ISoP Annual Meeting on Pharmacovigilance for Safer Tomorrow; 10/2016.

IF= 5.6

2. Nanoparticle based drugs in reversing multiple drug resistance in Cancer, 7th Edition of International Conference on Nanotechnology for Better Living-2021(September 7-11, 2021) ISBN-978-81-95066-3-8
3. Anthelmintic drug resistance in ruminants, medicinal plants-An alternative novel approach for treatment: A review, 7th Edition of International Conference on Nanotechnology for Better Living-2021(September 7-11, 2021) ISBN-978-81-95066-3-8
4. Naringenin, a Natural Flavonoid Inhibits Cellular Proliferation, Migration and Initiates Apoptosis in Human Colorectal Cancer In-Vitro, International conference on Interface between Agriculture, Food, Chemical and Biological Science, 27-29 July, 2022 ISBN- 978-93-90648-44-3

Resource person/chairman of session:

- Chaired a session in 13th J&K Science Congress organized by JK State Science Technology and innovation Council. (April 2-4. 2018).
- Chaired a session in International Conference on Advances in Biopolymers-2021., held at University of Kashmir (8-9 November,2021)
- As an invited resource person in workshop on Continuing Education Programme/Refresher Course for Registered Pharmacists Organized by JK Pharmacy Council in Collaboration of Pharmacy Council of India (Jan 19-20, 2019)

Conference papers:

1. Presented a paper entitled "Recent advancements in Biopolymer based materials in the management of Diabetic Wound Healing" in international conference on advances in Biopolymers at University of Kashmir, (November 8-9,2021)
2. Presented paper entitled "HPTLC Finger printing and Toxicological studies on *Swertia tetragona* and *Swertia petiolata*" in 16th IPA PHARMA MEET-2016, organized by Indian Pharmaceutical Association MP state branch Indore on 13th March,2016.
3. Presented a paper entitled "Phytochemical, Toxicological and Antioxidant Studies on *Acorus calamus* Linn" in 13th J&K Science Congress organized by JK State Science Technology and innovation Council. (April 2-4. 2018).

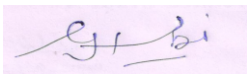
4. Presented a paper entitled “Recent advancements in biopolymer-based materials in the management of diabetic wound healing” in 2nd International Conference On Advances In Biopolymers-2021 & Workshop On Diet And Health (November 8-9,2021)
5. Presented a paper entitled “Biopolymers as an alternative for polymers in food packaging to prevent their entry in food chain to preclude various health hazards: A Review” in 2nd International Conference on Advances in Biopolymers-2021 & Workshop On Diet And Health (November 8-9, 2021)
6. Presented a paper entitled “Recent advances in combating cancer with Bio-polymers as drug delivery systems: A Review” in 2nd International Conference on Advances in Biopolymers-2021 & Workshop on Diet and Health (November 8-9, 2021)
7. Presented a paper entitled “Naringenin, a natural flavonoid inhibits cellular proliferation, migration and initiates apoptosis in human colorectal cancer *In- Vitro*” in International Conference on interface between Agriculture, Food, Chemical and Biological Sciences, University of Kashmir (July 27-29,2022)
8. Presented a paper entitled “Carvacrol inhibits cellular proliferation, migration and initiates apoptosis in human colorectal cancer *In- Vitro*” in International Conference on interface between Agriculture, Food, Chemical and Biological Sciences, University of Kashmir (July 27-29,2022)
9. Presented a paper entitled “Prevalence of thiamine deficiency in pregnancy and lactation” in International Conference on interface between Agriculture, Food, Chemical and Biological Sciences, University of Kashmir (July 27-29,2022)

Conferences/workshops:

1. Attended state level workshop on Basic Techniques of Bioinformatics and Drug Designing organized by the Department of Biotechnology and Bioinformatics, SP College, Srinagar (May2-3, 2017).
2. 2nd JK Medical Science Congress, Sheri-Kashmir Institute of Medical Sciences, Srinagar, India. *May 10 – 12, 2017.*
3. Attended 1st Annual Conference of Metabolic Syndrome-Prediabetes-Polycystic ovary Syndrome (M P PCOS) Society organized by SKIMS, Srinagar, AIIMS, New Delhi, NIRRH, Mumbai and JK Universities and medical Colleges (May 11-13,2017).

4. Participated in Regional Workshop on Research Based Pedagogical Tools organized by Centre for excellence in Science and Mathematics education at Indian institute of Science Education and Research (IISER) Pune, DST, Govt of India, MHRD Govt of India and University of Kashmir, at university of Kashmir (July3-5, 2017).
5. Attended 12th J&K Science Congress, held at University of Jammu, Jammu, India. *March 12 – 4, 2017.*
6. Attended Two Days National Inter-Disciplinary Conference “Science for sustainable Development”, Srinagar, India. *February 25 – 26, 2017.*
7. Conference "OPENCON2017", organized by Department of Library and Information Science, University of Kashmir (March 4, 2017)
8. Attended International Conference of 16th ISoP Annual Meeting, Agra, India. *October 16 – 19, 2016.*
9. Attended National level workshop under UGC-CPE Scheme on Analytical Laboratory Techniques: Application and Future prospects feb16-17,2016, organized by Department of Chemistry, Islamia College of Science & Commerce, Srinagar, J&K.
10. Participated in regional seminar on Importance of intellectual property rights in Pharmaceutical Sciences and Research organized by BSERB-Department of Science & Technology, Govt. of India and APTI Punjab state branch at Baba Farid University of Health Sciences, Faridkot Punjab (Jan 29, 2016).
11. Participated in the on-line workshop on Planning and organizing research using Elsevier Tools: ScienceDirect, Scopus and Mendeley organized by University of Kashmir in collaboration with Elsevier (April 26, 2020)
12. Attended webinar and question Answer session on Viral Pathogenesis Research: Molecular Detection with RNAscope organized by Select Science (May 1, 2020).
13. Attended webinar on “How to read Scientific Literature?” and successfully completed the online evaluation including the English proficiency test organized by National Centre for cell Science in Collaboration of IISER Pune under MANAV human atlas initiative (June20,2020).
14. Attended webinar on “Accelerate Research Planning using Elsevier, ScienceDirect, and Mendeley” organized by Elsevier and IUST Awantipora (May 4, 2020).
15. Attended a webinar on “COVID-19: A new guest in the City-Biome” organized by Select Science (May 5, 2020).

16. Attended webinar on “Exploring Web of Science, End Notex9, Journal Citation Report and Incites for Promoting Excellence in Research” organized by IUST, TEQIP-3 % Clarivate Analytics(June 05, 2020).
17. Attended workshop on “Plagiarism- An Opportunity to Learn, Teach and Excel” organized by University of Kashmir in Collaboration with Turnitin (June 24, 2020).
18. Participated in the Webinar “Systemic Reviews and Meta-Analysis: A Viable Alternative to Experimental Research in Times of Covid-19” organized by Kashmir University in collaboration with UGC-Human Resource Development Centre(June 28, 2020).
19. Participated in the international webinar on “Pharmacy Profession in India: Present Status and Future Challenges” organized by Department of Pharm Sciences in collaboration with UGC-Human Resource Centre(July14, 2020).
20. Attended webinar on “Chiral Chromatography” organized by IIISM and SRM Institute of Science and Technology Kattankulathur and SPINCO Biotech LTD Chennai (July 15, 2020).
21. Participated in the “International Webinar on Recent Trends in Processing Technologies for Food Quality and Safety” organized by Bihar Agricultural University, Sabour, Bhagalpur (july20, 2020).
22. Participated in the International forum on Quality and Safety in Healthcare Virtual Workshop: Improving Safety post Pandemic organized by BMJ Institute for Healthcare Improvement (July30, 2020).
23. Participated in the International forum on Quality and Safety in Healthcare Virtual Workshop: Leadership and Culture for Change during COVID-19, organized by BMJ Institute for Healthcare Improvement (Aug 06,2020).
24. Participated in the International forum on Quality and Safety in Healthcare Virtual Workshop: Doing More with Less, organized by BMJ Institute for Healthcare Improvement (Aug13, 2020).
25. Attended workshop on “Rapid and Functional evaluation of virus neutralizing antibodies using multiparametric live cell analysis” organized by SelectScience (August26, 2020).



Dr. Gh. Nabi Bader