


Curriculum Vitae

Full Name:	DR. RAM KUMAR SAHU			
Designation	Associate Professor			
Department:	Department of Pharmaceutical Sciences			
Campus:	Srinagar/Chauras			
Communication Address	Department of Pharmaceutical Sciences HNB Garhwal University (A Central University), Chauras Campus, P.O. Kilkilleshwar, Via Kritinagar Distt. Tehri Garhwal, Pin-249161, Uttarakhand			
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Educational Qualification:	M. Pharm., Ph.D.			
Teaching Experience	More than 17 Yrs	Research Experience	More than 10 yrs	
Research Interest and Fields of Specialization				
Novel drug delivery system, Isolation and characterization of active constituents, Formulation and standardization of herbal drugs				
Administrative /Academic committees and responsibilities				
a. Member of Training & Placement.				
Membership of Scientific Organizations				
a. Life member of Indian Pharmaceutical Association (CHA/LM/0044). b. Life member of Association of Pharmaceutical Teachers of India (AS/LM-34). c. Registered Pharmacist (182: C.G. State Pharmacy Council).				
Research Supervision/Co-Supervision				
26 Post Graduate 04 (Enrolled / Registered) in Ph.D. 03 Ph.D. Awarded				
MoU:				
Memorandum of Understanding (MoU) between Columbia Institute of Pharmacy, Raipur (CG) and Faculty of Pharmacy, Burapaha University Thailand was executed on 15 December 2017. The objective of this MoU is to foster and promote cooperation in education and research between the two institutions.				
Conference/Symposium/Workshop				
<ul style="list-style-type: none"> ➤ Invited as a speaker in the Airlangga Short Course Learning in Pharmaceutical Natural Products Uses (ASCLEPIUS) 2022 organized by Faculty of Pharmacy, Airlangga University, Surabaya, Indonesia schedule on 18-21 August 2022. ➤ Delivered guest lecture on “Technology Planning Identification, Evaluation & Decision Making Model” in School of Pharmacy, Management & Science University (MSU), Kuala Lumpur, Malaysia, 15 June 2022. ➤ Delivered guest lecture on “Principles of Drug Delivery System” in School of Pharmacy, Management & Science University (MSU), Kuala Lumpur, Malaysia, 10 May 2022. ➤ Invited as a speaker in the International Webinar on Herbal Medicines: the Amazing Traditional Remedies from Several Countries organized by Faculty of Pharmacy, Airlangga University, Surabaya, Indonesia schedule on 9 July 2021. 				

- Invited as a Resource person in the in AICTE sponsored one week online STTP on New Horizons in Pharmaceutical Industry and Health Care: Rediscovering Indian Traditional System of Medicine through Novel Approaches organized by Al Shifa College of Pharmacy, Malppuram, Kerala, India schedule on 02 – 08 August 2021.
- Invited as a speaker in Research Webinar with the theme "Diversify: Embracing the New Normal in Conducting Research", organized by School of Pharmacy, Centro Escolar University, Manila, Philippines schedule on 21st November 2020 delivered talk on The ABC's of Descriptive Research in Pharmacy.
- Invited as a plenary speaker in Webinar Series #2 entitled Principle of Chromatography and Instrumental Analysis, organized by Faculty of Bio-economics and Health Sciences, Geomatika University, Malaysia schedule on 16th October, 2020
- Invited as a plenary speaker in Webinar Series, organized by Research Management Center, Tagum Doctors College, Inc., Tagum City, Philippines schedule on 20th October, 2020
- Invited as a plenary speaker in Webinar Series #7, organized by Faculty of Pharmacy, Airlangga University, Surabaya, Indonesia schedule on 11th August, 2020
- Invited as a Plenary Speaker in First International Research Conference on Health Sciences in Davao Del Norte Dubbed as Liyang 2019, organized by Tagum Doctors College, Inc. Tagum City, Philippines schedule on 19th – 21st November, 2019

Selected publications during recent years

- 1 Miatmoko A, Hariawan BS, Cahyani DM, Dewangga SS, Handoko KK, Purwati, Sahu RK, Hariyadi DM. Prospective use of amniotic mesenchymal stem cell metabolite products for tissue regeneration. *J Biol Eng.* 2023;17(1):11 (IF: 6.248).
- 2 Kumar A, Sahu RK, Chameettachal S, Pati F, Kumar A. Fabrication and analysis of chitosan oligosaccharide based mucoadhesive patch for oromucosal drug delivery. *Drug Dev Ind Pharm.* 2022;48(11):602-610 (IF: 3.727).
- 3 Al-Joufi, F.A.; Setia, A.; Salem-Bekhit, M.M.; Sahu, R.K.; Alqahtani, F.Y.; Widyowati, R.; Aleanizy, F.S. Molecular Pathogenesis of Colorectal Cancer with an Emphasis on Recent Advances in Biomarkers, as Well as Nanotechnology-Based Diagnostic and Therapeutic Approaches. *Nanomaterials* 2022, 12, 169 (IF: 5.772).
- 4 Jangde, R.; Elhassan, G.O.; Khute, S.; Singh, D.; Singh, M.; Sahu, R.K.; Khan, J. Hesperidin-Loaded Lipid Polymer Hybrid Nanoparticles for Topical Delivery of Bioactive Drugs. *Pharmaceuticals* 2022, 15, 211 (IF: 5.215).
- 5 Sreeharsha, N.; Philip, M.; Krishna, S.S.; Viswanad, V.; Sahu, R.K.; Shiroorkar, P.N.; Aasif, A.H.; Fattepur, S.; Asdaq, S.M.B.; Nair, A.B.; Attimarad, M.; Venugopala, K.N. Multifunctional Mesoporous Silica Nanoparticles for Oral Drug Delivery. *Coatings* 2022, 12, 358 (IF: 3.236).
- 6 Suresh, P.; Salem-Bekhit, M.M.; Veedu, H.P.; Alshehri, S.; Nair, S.C.; Bukhari, S.I.; Viswanad, V.; Taha, E.I.; Sahu, R.K.; Ghoneim, M.M.; Elbagory, I. Development of a Novel Methotrexate-Loaded Nanoemulsion for Rheumatoid Arthritis Treatment with Site-Specific Targeting Subcutaneous Delivery. *Nanomaterials* 2022, 12, 1299 (IF: 5.772).
- 7 Aswathy KN, Asdaq SMB, Saritha CK, Thomas L, Haridas N, Viswanad V, Sahu RK, Fattepur S, Alamri AS, Alsanie WF, Alhomrani M, Sreeharsha N, Khalid Anwer M. Formulation and in-vitro characterization of fast-disintegrating herbal extract sublingual immunotherapy tablet for peanut-induced allergic asthma. *Saudi J Biol Sci.* 2022 Mar;29(3):1283-1297 (IF: 4.052).
- 8 Sharma V, Das R, Mehta DK, Sharma D, Sahu RK. Exploring quinolone scaffold: Unravelling the chemistry of anticancer drug design. *Mini-Reviews in Medicinal Chemistry.* 2021; 21(1) (IF: 3.737).
- 9 Asdaq S.M.B., Iqbal, A.M.A.; Sahu, R.K.; Bhattacharjee, B.; Paul, T.; Deka, B.; Fattepur, S.; Widyowati, R.; Vijaya, J.; Al mohaini, M.; Alsalman, A.J.; Imran, M.; Nagaraja, S.; Nair, A.B.; Attimarad, M.; Venugopala, K.N. Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. *Nanomaterials* 2021, 11, 1841 (IF: 5.772).
- 10 Sahu, R.K.; Salem-Bekhit, M.M.; Bhattacharjee, B.; Almoshari, Y.; Iqbal, A.M.A.; Alshamrani, M.; Bharali, A.; Salawi, A.; Widyowati, R.; Alshammari, A.; Elbagory, I. Mucormycosis in Indian COVID-

19 Patients: Insight into Its Patho-Genesis, Clinical Manifestation, and Management Strategies. *Antibiotics* 2021, 10, 1079 (IF:5.222).

- 11 Asdaq, S.M.B.; Rajan, A.; Damodaran, A.; Kamath, S.R.; Nair, K.S.; Zachariah, S.M.; Sahu, R.K.; Fattepur, S.; Sreeharsha, N.; Nair, A.; Jacob, S.; Albahrani, H.A.; Alkhaldi, E.H.; Mohzari, Y.; Alrashed, A.A.; Imran, M. Identifying Mucormycosis Severity in Indian COVID-19 Patients: A Nano-Based Diagnosis and the Necessity for Critical Therapeutic Intervention. *Antibiotics* 2021, 10, 1308 (IF:5.222).
- 12 Sahu RK, Aboulthana WM, Mehta DK. Phyto-phospholipid Complexation as a Novel Drug Delivery System for Management of Cancer with Better Bioavailability: Current Perspectives and Future Prospects. *Anti-Cancer Agents in Medicinal Chemistry*. 2021; 21(11): 1403 – 1412 (IF: 2.527).
- 13 Bajaj J, Dwivedi J, Sahu R, Dave V, Verma K, Joshi S, Sati B, Sharma S, Seidel V, Mishra AP. Antidepressant activity of *Spathodea campanulata* in mice and predictive affinity of spatheosides towards type A monoamine oxidase. *Cellular and Molecular Biology*. 2021; 67(1): 1-8 (IP: 2.943).

Book Chapter, Books

- (Book) *Advanced Pharmaceutical Herbal Nanoscience: Targeted Drug Delivery System Part I*, published by Bentham Science Publishers Pvt. Ltd., Singapore 068898, Singapore, ISBN: 978-981-5036-52-7
- (Book) *Advanced Pharmaceutical Herbal Nanoscience: Targeted Drug Delivery System Part II*, published by Bentham Science Publishers Pvt. Ltd., Singapore 068898, Singapore, ISBN: 978-981-5036-55-8
- (Book) *A Text Book of Novel Drug Delivery Systems*, Published by Nirali Prakashan, Pune, India, ISBN: 978-93-90437-33-7
- (Book Chapter) *Formulation strategies to improve the bioavailability of poorly absorbed drugs in Advances and Challenges in Pharmaceutical Technology*, Published by Academic Press, An Imprint of Elsevier, Page No: 229-242, ISBN: 978-0-12-820043-8
- (Book Chapter) *Pharmaceutical Importance of Natural Aphrodisiac Drugs in Handbook of Research on Medicinal Chemistry* Published by Apple Academic Press, Inc., 1265 Goldenrod Circle NE, Florida, USA, Page No: 163-193, ISBN:978-1-77188-544-7
- (Book Chapter) *Novel Targeting Therapy for Colorectal Cancer with Special Emphasis on KRAS and PI3k Pathway in Therapeutic Platform of Bioactive Lipids* Published by Apple Academic Press, Inc., 1265 Goldenrod Circle NE, Florida, USA, Page No: 193-214, ISBN: 978-1-77491-084-9

Awards

- Best E-Poster Presenter award in 18th International Medical, Pharmaceutical, Cosmeceutical and Health Science Symposium, organized by School of Pharmacy, Management & Science University (MSU), Kuala Lumpur, Malaysia, 2022
- Outstanding Presentation Award in International Conference on Future Healthcare and Economic Development II organized by Medical Device Innovation Center, National Cheng Kung University, Tainan, Taiwan, 2019
- Excellence in Academic Leadership Award in 5th International Conference on Pharmaceuticals, API & Manufacturing with the theme “Enabling Technologies for API, Formulation and Manufacturing” (2019), Indonesia, 2019
- Best Research Paper award in 2nd Annual International Conference on Pharmacology and Pharmaceutical Sciences (PHARMA 2014), Singapore, 2014

