



Dr. ISHAN PANDEY

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D.O.B – 04th November 1985
Sex/Nationality: Male/Indian

Cumulative impact factor:37.855; GS Citations-203; h-index-6; i10 index-6 (till 11 April 2022)

PRESENT POSITION: Lecturer (guest faculty) cum microbiologist at Department of Microbiology, Motilal Nehru Medical College (MLNMC), Prayagraj (affiliated to KGMU Lucknow) with effect from 01 January 2014 to present. Imparting teaching and guidance to Diploma in Medical Lab Technology (DMLT) students for two years course (approved by State Medical Faculty U.P.).

EDUCATION QUALIFICATIONS:

- **Ph.D.* Medical Microbiology** with CGPA **9.66/10** from **Department of Pathology**, Motilal Nehru Medical College (**MLNMC**), Prayagraj & Faculty of Health Sciences (**FHS**), Sam Higginbottom University of Agriculture, Technology & Sciences (**SHUATS**)-[NAAC “A” Grade], Prayagraj from **(8 September 2015 to 23 December 2021)**.
- **M.Sc.# Microbiology** (Medical Virology) with **77 % (Ist division)** & **fourth rank** from School of Studies (SOS) in Microbiology, **Jiwaji University** [NAAC “A” Grade], Gwalior, **(2008-10)**.
- **B.Sc. Zoology & Chemistry** (majors), **Botany** (minor) with **62.66 % (Ist division)** from CMP Degree College (**DBT-Star College**), **University of Allahabad**, Prayagraj **(2005-08)**.
- **XII (ISC) & X (ICSE)** from St. Joseph’s College, Prayagraj, **CISCE** board with **Ist division** in **(2004 & 2002)** respectively.

ADDITIONAL QUALIFICATION:

- Passed **GATE-2010 in Life Sciences (XL)** conducted by **IIT Guwahati** (DHE-MHRD, GOI) with **AIR-6984**.
- Qualified **U.P. State Level Common Eligibility Test (SLCET)-2012** exam in **(Life Sciences)**(equivalent to UGC/CSIR/ICAR-NET).
- **B.Ed. Ist division** from CSJM University, Kanpur, **2013-14**.
- Course on Computer Concepts (**CCC**), **Aug-Oct 2014**.

TEACHING EXPERIENCE:

Teaching Associate from **20 July 2015 to 31 August 2017** at Department of **Clinical Laboratory Science** (Formerly **Medical Laboratory Technology**), Faculty of Health Medical Science Indigeneous & Alternative System of Medicine (**FHMSIASM**), Sam Higginbottom University of Agriculture, Technology & Sciences, (**SHUATS**)-NAAC “A” Grade, Allahabad. Teaching and guidance to students of **B.Sc. MLT** (approved by **State Medical Faculty U.P.**) & **M.Sc. MLT** (Medical Microbiology and Immunology & Biochemistry). Member faculty board of studies (BOS) with other educational, curriculum development & management activities etc.

Appointed as “**Faculty**” for the **Fellowship Programme in Dental Genetics (Dental Public Health Fellowship)**-(Batch 2 starting 15 Nov 2018 – 30th Nov 2019) wide appointment letter dated **1st October 2018** by **INDIAN DENTAL ASSOCIATION (IDA)**, Head Office, Mumbai. (Didn’t availed due to insufficient batch strength and cancellation of batch)

RESEARCH EXPERIENCE:

Ph.D.* project/clinical trial from **September 2015 to August 2021** on the topic “**Expression of HER2/Neu in Gastric Adenocarcinoma and its co-relation with Helicobacter pylori**” was based and precisely hypothesized with the existing routine diagnosis at Department of Medical Gastroenterology and Department of Pathology MLN Medical College along with various molecular methods to assess the correlation between gut pathogenic bacteria *Helicobacter pylori* and its probable role in modulating the expression and amplification of Human epidermal Growth Factor Receptor 2 (HER2/neu) gene which may be differentially localised in cytoplasm as well as its natural trans-membranous expression. The cytoplasmic expression of HER2/neu causes misinterpretation in diagnosis which leads to delay in treatment and the reason for this faulty expression is not well understood till date.

Research Assistant (PB-9300+GP-4200+10% P/A) from **04 September 2017 to 04 September 2020** at **Department of Pathology, MLN Medical College, Prayagraj** in an **Indo-European Joint research scheme between ICMR New Delhi and IARC-WHO Lyon France (European Union)** funded research project entitled “**Role of Human Papilloma Virus (HPV) and other co-factors in the etiology of Head and neck cancers in India and Europe**”-**HPV-AHEAD** with **Project No.: ICMR/EU/15/VM/2012/NCD-III** under Prof. (Dr.) Vatsala Misra in collaboration with 16 countries (44 centers Europe and 6 centers India) viz. RGC B Thiruvananthapuram (Head office), MCSRC Patna, VNCC & GKNM medical College, Coimbatore, Cancer Institute (WIA), Chennai, Delhi State Cancer Institute, Delhi and MLN medical college, Allahabad.

Selected as waiting list 1 for the post of **Research Scientist (C)** under Multi-Disciplinary Research Unit (**MDRU**), at All India Institute of Medical Sciences (**AIIMS**), Raibareilly, (U.P.) on contact basis on the basis of written exam (1st on the list) and interview held at 24th January 2022.

Selected for Interview for Research Scientist (C) at Regional Resource Center (**RRC**) for Health Technology Assessment in India (**HTAI**) at Indian Institute of Science (**IISc**), Bangalore on 29th March 2022.

15 January 2015 - 15 July 2015: Technical Staff at Centre for Medical Diagnostics and Research (**C.M.D.R**), Motilal Nehru National Institute of Technology, (**MNNIT**), Allahabad (U.P.), India.

Clinical and pathological diagnostic: (ERBA EM 200 biochemistry analyzer, Meryl EIA Quant hormone analyzer, Mindray BC 3600 hematology analyzer, KD 100EM electrolyte analyzer).

PCR based diagnostics of diseases and Genetic Disorders with Pico Gene Nano Spectrophotometer (Nano Drop), Magnus MLXi digital binocular microscope, Piko Real 96 real time PCR Thermo fisher.

Microbiological examination: BD Biolog Microbial system, Animal Tissue Culture (LabTech Shaker Incubator, ESCO Class II bio safety cabinet with virus burn unit) & CO₂ Incubator.

Immunodiagnostic services including Mini VE Vertical and Horizontal electrophoresis.

Central Instrumentation facility: Flow Cytometry (BD Accuri C6 Sampler), DNA Sequencing (Applied Biosystems XL 3500 genetic analyzer) with ABI real time PCR and any other relevant area.

October 2012 – November 2012 at oral pathology and microbiology department, faculty of dental science, King George's Medical University (**KGMU**), Lucknow, (U.P.), India as junior research assistant in U.P. council for science and technology (UPCST) funded project "*understanding genetic predisposition of oral pre-cancer and cancer in tobacco chewers from north Indian population*". Selected but did not join officially.

November 2011 - October 2012 at physiology department, King George's Medical University (**KGMU**), Lucknow, (U.P.), India as a visiting research trainee on designing an extramural project for funding and development of lab entitled-"*role of ACTN 3, ACE I/D and MSTN genetic variants in sports genetics*". Working methodology includes – PCR-RFLP, TaqMan Probe using Real Time-(qPCR), DNA isolation from blood and lipid profile using kit.

M.Sc.# dissertation work from **15 March to 15 June 2010** on topic "*In-vitro assessment of infectivity of non-polio enteroviruses (NPEV) with reference to the prototype strain of enteric cytopathic human orphan virus (ECHO-11)*" under Dr. Tapan N. Dhole, **W.H.O National Polio Surveillance Lab (NPSL)**, department of microbiology (virology unit), Sanjay Gandhi Post Graduate Institute of Medical Sciences (**SGPGIMS**), Lucknow, (U.P.), India.

Working methodology included stool sample processing, culturing and sub-culturing for enteroviruses especially for Polio and Non – Polio viruses, routine cell culture techniques for the isolation of enteroviruses using cell sensitivity and inverted microscopy, PCR(RT), Cell culture (RD,L20B cell lines), agarose gel electrophoresis and PAGE.

TRAINING/ PROJECT:

- 15 days project work with presentation of report from **12 to 26 January 2009** with project in Gwalior Sahkari Sanchi Dugdha Sayantra, Banmore, (M.P.), India.
- 10 days training from **06 to 17 July 2009** in Motilal Nehru Medical College (**MLNMC**), Allahabad (U.P.), India.
- 15 days orientation training and demonstration from **20 July to 04 august 2009** in National JALMA Institute for Leprosy & Other Mycobacterial Diseases, NJILOMD, (**I.C.M.R.**), Agra, (U.P.), India.
- 12 days rotation training from **19 to 31 march 2010** in different laboratories viz. mycology, bacteriology, T.B. lab, serology, virology and parasitology at **S.G.P.G.I.M.S.**, Lucknow, (U.P.), India.

CONFERENCES/SEMINARS/LECTURES/ WORKSHOPS:

- Awarded Certificate for **International Pre-Conference Workshop** on "*Therapeutic advances in Diabetes Mellitus*" by Primary Healthcare 2016, OMICS International, USA on 03rd December 2015 at Department of Medical Laboratory Technology, SHIATS, Allahabad.
- Awarded certificate of participation for **American Chemical Society Lecture-2016, Allahabad Chapter**, at SHIATS, Allahabad (05th May, 2016).
- Awarded special certificate for awareness program on "*Certification of Medical Laboratory Program*" by Quality Council of India (**QCI**) & National Accreditation Board for Hospitals and Health Care Providers (**NABH**), New Delhi at Regional Cancer Centre (**RCC**), Kamla Nehru Memorial Hospital (**KNMH**), Allahabad (08th May 2016).
- Awarded certificate of participation for **ACCT(I) Satellite Conference on Recent Trends in Carbohydrate Chemistry (RTCC-2016)** organized by Department of Chemistry (CAS), Institute of Science, BHU- Varanasi (November 12, 2016). **Guest of Honor** was famous renowned scientist "**Prof. (Dr.) Richard R Schmidt**", Germany.
- Awarded certificate of participation as **Organizing Committee Member** during **National Pharmacy week Celebration** on the theme "*Pharmacists for Healthy India: Role in Prevention & Management of Diabetes*", held from November 20-26, 2016 at Department of Pharmaceutical Sciences, SHIATS, Allahabad.
- Awarded certificate of participation as **Staff Advisor, Society of Clinical Laboratory Science** in awareness campaigning on **World AIDS Day** on the theme "*Hands Up for #HIVprevention*" on December 1, 2016 at Department of Clinical Laboratory Science, SHIATS, Allahabad.
- Attended Short CME on "*Recent Advances and Updates In Blood Transfusion Practices*" on 9th September 2017 at Dr. Pritam Das auditorium organized by Motilal Nehru Medical College, Allahabad.
- Awarded certificate of participation for **American Chemical Society** sponsored seminar on "*Chemical Laboratory Safety and security*" at SIHAS, SHUATS, Allahabad (06th Nov, 2017).
- Awarded certificate of participation for **American Chemical Society** sponsored workshop on "*Effective Science Communication*" and **quiz** at SIHAS, SHUATS, Allahabad (16th Dec, 2017).
- Awarded certificate of participation for workshop on "*Overview and use of recently released National Family Health Survey (2015-16) data organized*" at GB Social Science Institute (A constituent Institute of Central University of Allahabad), Jhansi, Allahabad (5th Feb, 2018).
- Attended CME on "*Rational Use Of Blood & Blood Components and Safe Bedside Practices*" on 10th February 2018 and 21st September 2019 at Department of Pathology, Moti Lal Nehru Medical College, Prayagraj.
- Attended and presented poster "*Resistance pattern of Gram Negative Rods Isolated from Sputum Sample of HIV Positive Patients*" Monica, Dakshina Bisht, Arindam Chakraborty, **Ishan Pandey**, Vatsala Misra at XXVI annual conference of **IAPM- Indian Association of Pathologists and Microbiologists (U.P. Chapter): UP PATHCON-2018** organized by Department Of Pathology, MLN Medical College, Allahabad on 5-6 October 2018.
- Awarded certificate of participation at CME on "*Bio-Medical Waste Management*" on 2nd November 2018 at Dr. Pritam Das auditorium organized by Moti Lal Nehru Medical College, Prayagraj.
- Awarded certificate of participation in **International Biomedical laboratory Science Day** on the theme "*Non communicable diseases: Importance of Biomedical Laboratory Scientists in Detection, Screening and Treatment*" at Department of Clinical Laboratory Science, SIHAS, SHUATS, Prayagraj on April 15, 2019.

- Awarded certificate of participation at CME on **"FACTS AND MYTHS OF DENGUE: AN UPDATE"** at Dr. Pritam Das auditorium organized by Department of Microbiology, Motilal Nehru Medical College, Prayagraj on 7th September 2019.
- Awarded certificate of participation for One Day Brain Storming Session on **"Identifying Budding Youth Towards Rural development with Innovative Ideas"** jointly organized by Rural Innovation Centre (RIC), Centre of Science and Society, University of Allahabad, Vigyan Bharti, Vibha-Vani India and Vigyan Prasar at D.D. Pant Auditorium, Department of Botany, University of Allahabad, Prayagraj on 16 October 2019.
- Attended and awarded **Best Paper (oral) 1st Prize** for **"HER2/Neu expression in Gastric Cancer"** Ishan Pandey, Aprajita Tiwari Pandey, P W Ramteke, Vatsala Misra; Print ISBN 978-93-5391-911-5 at **National Conference on Current Trends in Phytomedicine & Nutraceutical for Global Health (CTPNGH) 2020; 1st UP State Convention of Society of Pharmacognosy sponsored by PCI in association with ISP** organized by United Institute of Pharmacy, (UIP), Naini, Prayagraj on 7-8 February 2020.
- Attended and presented paper (oral) on **"Differential HER2/neu Expression in Gastric Adenocarcinoma in concurrence with H. pylori"** Ishan Pandey, Aprajita Tiwari Pandey, P W Ramteke, Vatsala Misra; Print ISBN 978-93-80634-53-1 at **BioSangam 2020 (International Conference: As part of Diamond Jubilee Celebrations) Biotechnological Interventions for Societal Development** sponsored by CSIR ,TEQIP III and SERB DST under OMICS and Computational Biology Session organized by Department of Biotechnology, Motilal Nehru National Institute of Technology, (MNNIT), Prayagraj-India on 21-23 February 2020.
- Awarded certificate for **"Online National Workshop in Structural Bioinformatics-In Silico Techniques in Drug Designing"** jointly organized by **Bioinformatics Centre (SubDIC)**, Dept. Of Biotechnology, Barkatullah University, Bhopal & Corporate Institute of Pharmacy, Bhopal on 27-29 May 2020.
- Awarded certificate of participation in **National eConference on "Insights into Patent Filing Procedure for Researchers"** organized by Career Point School of Pharmacy, kota (Raj.) on 30th May 2020.
- Awarded certificate of participation in **National Webinar on "Herbal Resources & their role in boosting immunity against COVID-19"** organized by School of Studies in Botany, **Jiwaji University**, Gwalior, (M.P.), India on 15th June 2020.
- Awarded certificate for online training on **"HPTLC-Technique and Herbal Applications"** jointly organized by M.P. Council of Science and Technology, (MPCST) Bhopal and Anchrom Enterprises (I) Pvt. Ltd. Mumbai on 20 June 2020.
- Awarded certificate of participation in **India's First Science Leadership Workshop sponsored by** all three premier science academies in the country (**Indian Academy of Sciences, Bangalore, Indian National Science Academy, New Delhi, and National Academy of Sciences, India, Allahabad**), organized by Central University of Punjab, (CUP), Bathinda, Punjab. The Program included 26 talks by academy fellows and leading science leaders and covered topics such as mentoring, collective leadership, problem-solving, conflict-resolution, time management, women in science, active listening, cross-cultural communication, lab culture and so on from 22-28 June 2020.
- Awarded certificate of achievement in attending online webinar on **"MICROBIOME - PERCEPTIONS AND PERSPECTIVES"** organized by Biotecnika Info Labs Pvt Ltd. In collaboration with Association of Biotechnology Led Enterprises (ABLE) and Karnataka Innovation and Technology Society (K-TECH), Govt. of Karnataka on 27th June 2020.
- Awarded certificate of participation in **American Society of Microbiology (ASM) Webinar on 'COMBATING WITH THE MILLENNIUM PANDEMIC-COVID-19'** jointly organized by Department of Industrial Microbiology, Sam Higginbottom University of Agriculture, Technology and Sciences (SHUATS), Prayagraj and Department of Microbiology, All India Institute of Medical Sciences (AIIMS), New Delhi in collaboration with Centers for Disease Control and Prevention (CDC), Atlanta, USA and World Health Organization (W.H.O.), India from 2-4 July 2020.
- Awarded certificate of participation in International Webinar on **"Application of Bioinformatics in Microbiology"** organized by Department of Microbiology, Dr. Ram Manohar Lohia Avadh University (RMLAU), Ayodhya, India on 30th June 2020.
- Awarded certificate of participation in the 27th International Conference on **"Interdisciplinary Research in Biomedical Sciences"** CONIAPS XXVII organized by Amity Institute of Molecular Medicine & Stem Cell Research (AIMMSCR) and Amity Institute of Applied Sciences (AIAS), Amity University Uttar Pradesh (AUUP), Noida in association with International Academy of physical Sciences (AIPS), Prayagraj conducted from 26 - 28 October 2021.
- Awarded certificate of participation in **"International Webinar on Neurobiology of Behavior: the Challenge and the Promise for Translational Research"** (NBCP-2021) organized by Department of Zoology, Dr. Harisingh Gour Vishwavidyalaya, (DHSGV), (A Central University), Sagar, M.P. from 15 -16 December 2021.

PUBLICATIONS:

Research Articles:

Dwivedi C, **Pandey I**, Pandey H, Patil S, Mishra SB, Pandey AC, Zamboni P, Ramteke PW, Singh AV. 2017. *In vivo* diabetic wound healing with nanofibrous scaffolds modified with gentamicin and recombinant human epidermal growth factor. **J Biomed Mater Res Part A** 07 October 2017, Vol 106 (3), p. 641-651, doi.org/10.1002/jbm.a.36268. (IF=4.396). Citation: 59

Tiwari Pandey, A*.; **Pandey, I***; Zamboni, P.; Gemmati, D.; Kanase, A.; Singh, A.V.; Singh, M.P. *Traditional Herbal Remedies with a Multifunctional Therapeutic Approach as an Implication in COVID-19 Associated Co-Infections*. **Coatings** 2020,10, 761. <https://doi.org/10.3390/coatings10080761>. (IF=2.881). *Joint-First author; Citation: 20. [Included in **W.H.O.-COVID-19: Global literature on coronavirus disease** with ID: covidwho-829631].

Tiwari Pandey, A.; **Pandey, I.**; Kanase, A.; Verma, A.; Garcia-Canibano, B.; Dakua, S.P.; Balakrishnan, S.; Singh, M.P. *Validating Anti-Infective Activity of Pleurotus Opuntiae via Standardization of Its Bioactive Mycoconstituents through Multimodal Biochemical Approach*. **Coatings**, 2021, 11, 484. <https://doi.org/10.3390/coatings11040484>. (IF=2.881). Citation: 4

Pandey, A.T., **Pandey, I.**, Kerkar, P. et al. Antimicrobial activity and mycochemical profile of methanol extract from *Pleurotus flabellatus*. **Vegetos (2021)**. <https://doi.org/10.1007/s42535-021-00242-w>. Citation: 3

Pandey I, Misra V, Pandey AT, Verma A. Expression of *HER2/neu* in gastric adenocarcinoma and its correlation with serum *HER2/neu* level and E-cadherin expression. **Indian J Pathol Microbiol** 2022; 65:35-41; DOI:10.4103/ijpm.ijpm_133_21. (IF=0.74).

Gaur S, Singhal S, Gaur S, Mishra R, **Pandey I**, Bajpai S, Mesalazine based topical hydrogel formulation enhances anti-oxidant and cytokine activity in wounded STZ induced mice, **Journal of Drug Delivery and Therapeutics**. 2022; 12(2):51-57. DOI: <http://dx.doi.org/10.22270/jddt.v12i2.5384>. **Citation: 2**

Review Articles:

Ajay Vikram Singh, Donato Gemmati, Anurag Kanase, **Ishan Pandey**, Vatsala Misra, Vimal Kishore, Timotheus Jahnke, Joachim Bill. *Nanobiomaterials for vascular biology and wound management: a review Veins and Lymphatics*. **Veins and Lymphatics** 20 February 2018; volume 7 (1): 34-47 doi: 10.4081/vl.2018.7196. **Citation: 27**

Charu Dwivedi, **Ishan Pandey**, Vatsala Misra, Michael Giubudagian, Harald Jungnickel, Peter Laux, Andreas Luch, Pramod W Ramteke and Ajay Vikram Singh. *The prospective role of nanobiotechnology in food and food packaging products: mini review*; **Integr Food Nutr Metab**, 26 November 2018; Volume 6(5): 1-5, ISSN: 2056-8339, doi: 10.15761/IFNM.1000237. (IF= 1.963). **Citation: 13**

Pandey, A.T.*; **Pandey, I.***; Hachenberger, Y.; Krause, B.C.; Haidar, R.; Laux, P.; Luch, A.; Singh, M.P.; Vikram Singh, V.A. Emerging paradigm against global antimicrobial resistance via bioprospecting of mushroom into novel nanotherapeutics development. *Trends Food Sci. Technol.* 2020, 106, 333–344, ISSN 0924-2244, <https://doi.org/10.1016/j.tifs.2020.10.025>. (In Press December 2020, online 21 October 2020). (IF=12.563). * **Joint-First author. Citation: 20**

Pandey I, Misra V, Pandey AT, Ramteke PW, Agrawal R. Artificial intelligence technologies empowering identification of novel diagnostic molecular markers in Gastric Cancer. **Indian J Pathol Microbiol** 2021; 64(Special):S63-68 *Special Issue on "Gastrointestinal & Hepatobiliary Pathology"*, DOI:10.4103/IJPM.IJPM_950_20. (IF=0.74). **Citation: 2**

Batiha#, G. E., Zayed#, M. A., Awad#, A. A., Shaheen#, H. M., Mustapha#, S., Herrera-Calderon#, O., Pagnossa#, J. P., Algammal#, A. M., Zahoor#, M., Adhikari#, A., **Pandey#, I.**, Elazab#, S. T., Rengasamy#, K., Cruz-Martins#, N., & Hetta#, H. F. (2021). Management of SARS-CoV-2 Infection: Key Focus in Macrolides Efficacy for COVID-19. **Frontiers in medicine**, 8, 642313. <https://doi.org/10.3389/fmed.2021.642313> (IF=5.091), #**Joint-First author. Citation: 3**

Farhat J, **Pandey I**, Al-Wahsh M. Transcending toward Advanced 3D-Cell Culture Modalities: A Review about an Emerging Paradigm in Translational Oncology. **Cells**. 2021; 10(7):1657. <https://doi.org/10.3390/cells10071657>. (IF=6.6). **Citation: 3**

Book Chapters:

Charu Dwivedi, **Ishan Pandey**, Himanshu Pandey, Pramod W. Ramteke, Avinash C. Pandey, Shanti Bhushan Mishra and Sandip Patil. *Electrospun Nanofibrous Scaffold as a Potential Carrier of Antimicrobial Therapeutics for Diabetic Wound Healing and Tissue Regeneration*. "Nano and Microscale Drug Delivery Systems: Design and Fabrication"; Elsevier Inc. 14 April 2017, p 14-164, ISBN No. 978-0-323-52727-9, <https://doi.org/10.1016/B978-0-323-52727-9.00009-1>. **Citation: 48**

Charu Dwivedi, **Ishan Pandey**, Chinmay Chorage, Ajay V Singh, Pramod W Ramteke. *The Potential of Nanobiotechnology for the Production of Ingredients in the Food Industry, "Food Applications of Nanotechnology"*; CRC Press, p- 421-432, 29 August 2019, ISBN No. 13:978-0-8153-8381-9. **Citation: 1**

Apraita Tiwari Pandey, **Ishan Pandey**, Prashasti Tripathi, Vartika Mishra, Priyanka Yadav,, M.P. Singh. Antimicrobial Potential of Mushroom: Emergence of Mycotherapy , **Bentham Science Publishers** (In Press).

Conference Proceeding:

Paper entitled "**HER2/Neu expression in Gastric Cancer**" **Ishan Pandey**, Aprajita Tiwari Pandey, P W Ramteke, Vatsala Misra; *Phytomedicine & Nutraceutical for Global Health*; Print ISBN 978-93-5391-911-5; p:28-30.

Paper entitled "**Antimicrobial potential of mushroom against infectious diseases**" Aprajita Tiwari Pandey, **Ishan Pandey**, M.P. Singh; *Phytomedicine & Nutraceutical for Global Health*; Print ISBN 978-93-5391-911-5; p:31-33.

MEMBERSHIPS AND ACHIEVEMENTS:

- **Life Member** American Chemical Society (ACS), USA, No. 31016058.
- Invited as **Special speaker** in **Alumni Lecture Series** at **C.M.P. Degree College (Constituent College of University of Allahabad)** to deliver a lecture on "**Medical Microbiology: Scope and applications in Biotechnology**" on 05th December 2015.
- Invited as a **Keynote Speaker** in **Expert Talk** at **CT University, Ludhiana, Punjab** on "**Emerging aspects of Medical technologies for sustainable health and diseases: an overview**" on 26th February 2021.
- **Scientific Reviewer: Scientific Reports (IF= 4.379), BMC Genomics (IF-3.969), Annals of Ayurvedic Medicine (AAM), Journal of Pharmaceutical Research International (JPRI), South Asian Journal of Research in Microbiology (SAJRM), Asian Journal of Advances in Medical Science(AJAMS), Bionature, International Journal of Tropical Disease and Health (IJTDH).**
- **Google Scholar:** <https://scholar.google.co.in/citations?user=V7Kt-4YAAAAJ&hl=en>
- **ORCID ID:** <https://orcid.org/0000-0001-9545-2680>
- **ResearchGate:** <https://www.researchgate.net/profile/Ishan-Pandey-2>;
- **Scopus Author ID:** 57200285284
- **Web of Science ResearcherID :** ABB-4279-2021

Collaborations:

International:

- 1) **Dr. S Balakrishnan, MD**, Clinical Research Scientist, Department of Surgery, **Hamad Medical Corporation (HMC)**, Doha 3050, Qatar.
- 2) **Dr. GES Batiha, Ph.D.**, Associate Professor, Department of Pharmacology and Therapeutics, Faculty of Veterinary Medicine, **Damanhour University, Damanhour, Egypt**.
- 3) **Dr. Joviana Farhat, PharmD**, Research Associate at **Khalifa University** (QS world ranking 183) and Ex. Lecturer, College of Pharmacy, **Al Ain University, Abu Dhabi, UAE**.

National:

- 1) **Dr. Sandip Patil, Ph.D.**, Director, E-spin Nanotechnology (SIDBI), Department of Chemical Engineering, **IIT Kanpur (NIRF Rank 5 & QS World Rank 277)**.
- 2) **Prof. (Dr.) Amita Verma, Ph.D.** (Listed as **top 2% scientist of the world** by **Stanford University**), Ex. Head, Department of Pharmaceutical Sciences (**NIRF Rank-56**), FHS, SIHAS, SHUATS, Prayagraj.
- 3) **AT Pandey, Ph.D.*** with **Prof. MP Singh, Ph.D.**, Ex. Coordinator, Centre of Biotechnology (CBT), **University of Allahabad (UoA)**, Prayagraj.

REFEREES:

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Declaration:

I hereby declare that the above information is true to the best of my knowledge and belief.

Date-

Place-Prayagraj

(Dr. Ishan Pandey)