# **BIODATA**

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Professor and Head
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# **Anil Kumar Tripathi**

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Father's Name: Sri Rajendra Nath Tripathi

# **Personal Data:**

Born 1958, Married; Three children

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# **Contents:**

1. Educational, Clinical, and Training background	(Pages 5-6)
2. Honours and Awards	(Pages 8-11)
3. Research experience and Publications (Research papers, Patents, Books, PhD mentorship)	(Pages 13-40)
4. Administrative experience and creation of new facilities	(Pages 42-43)
5. Professional achievements (Fellowship, memberships, technical committees,)	(Pages 45-47)
6. Academic achievements (Lectures, thesis, conferences, editor, examiner)	(Pages 49-71)
7. Public lectures, radio/television talks, and social services	(Pages 73-84)
8. Annexures	(Pages 38)

1. Educational, Clinical, and Training background

#### **Educational:**

- Recipient of National Merit Scholarship
- Position in state merit list (top 10) in High School and Intermediate board examination U.P. 1972, 1974
- B.Sc. (Honours), Banaras Hindu University Varanasi, India 1976 (First rank)
- M.B.B.S., G.S.V.M. Medical College Kanpur, India, 1981.(First rank and 15 Gold medals)
- M.D. (Internal Medicine), G.S.V.M. Medical College Kanpur, India, 1985.
- M.N.A.M.S. (I) in Internal Medicine, National Board of Examinations, India, 1987.
- E.C.F.M.G. (USA) 1982.
- Visiting Scientist in Hematology at National Institutes of Health, USA 1989-1991
- Graduate Level course in "Basic Principles of Immunology and Hypersensitivity" at FAES Graduate School at National Institutes of Health, Bethesda, MD, USA, 1989.
- "Radiation Safety in the Laboratory" course at Radiation Safety Branch, National Institutes of Health, and Bethesda, MD, USA. 1989.

#### **Clinical training:**

- House officer in Internal Medicine, G.S.V.M. Medical College Kanpur, India, 1982-1983.
- Resident Medical Officer, Department of Medicine, G.S.V.M. Medical College Kanpur, India, 1983-1984
- Demonstrator, Department of Medicine, G.S.V.M. Medical College Kanpur, India, 1984-1985

- Visiting Fellow in Hemato-Oncology at Albert Einstein Medical School, Long Island Jewish Medical Center, and Long Island, NY, USA. 1990
- Visiting Clinician, AIDS Clinic, Division of Infectious Diseases, Hershey Medical Center, University of Pennsylvania, Hershey, USA. 1993
- Specialized training in Hemophilia at Oxford Hemophilia Center, Oxford UK
   2001

## **Teaching experience:**

- Experience as Professor since 1999 (21 years)
- Experience of teaching undergraduate and postgraduate medical students and undergraduate dental students since 1984 (an experience of **36 years**)
- Professor and Head, Department of Clinical Hematology, K.G.'s Medical University Lucknow since 2011-2019 and 2020---cont.
- Professor, Department of Medicine, K.G.'s Medical University Lucknow, 1999-2011.
- Associate Professor, Department of Medicine, K. G's Medical College Lucknow, 1997-1999.
- Assistant Professor, Department of Medicine, K. G's Medical College Lucknow, 1986-1997
- External Examiner for Ph.D, DM (Clinical Immunology), DM (Clinical Hematology), MD (Medicine), MBBS and BDS at various premier medical colleges and institutions in India.

2. Honours and Awards

#### **Student Scholarships/awards:**

- National Merit Scholarship of Government of India, 1972-1981.
- First position in B.Sc. (Honours) at Banaras Hindu University, Varanasi.
- First rank in M.B.B.S., Obtained highest mark in all three professional examinations. 19 Medals (including 15 gold medals) and several other prizes for standing first in all subjects during the M.B.B.S. at G.S.V.M. Medical College Kanpur.
- Student Member of Executive Committee, Kanpur University, 1980-1981.

#### **Fellowships awards:**

- Fellow of Royal College of Physicians, Ireland. (FRCP Ireland) 2018
- Fellow of Royal College of Physicians, Glasgow. (FRCP Glasgow) 2017
- Fellow of Royal College of Physicians, London. (FRCP London) 2016
- Fellow of National Academy of Medical Sciences India (FAMS) 2012
- Fellow of Indian Society of Hematology and Transfusion Medicine (FISHTM)
   2007
- Fellow of Indian Academy of Clinical Medicine (FIACM) 2001
- World Federation of Hemophilia Fellowship Award 2001
- Fellow of Indian College of Physician (FICP) 2000
- Oak Ridge Fellowship in Leukemia Research, Department of Energy USA 1995

#### **Oration awards:**

- Dr. VN Khanolkar oration award from National Academy of Medical Sciences India 2018-2019
- Dr. Anoop Tripathi Oration of Allahabad Medical Association, 2017
- Dr. M.P. Mehrotra Oration, Association of Physicians of India UP. 2014

- Dr. Hari Vaishnav Oration , Association of Physicians of India, Delhi Chapter
   2008
- Dr. GS Sainani Oration award (Indian Academy of Clinical Medicine) 2007
- Dr. BL Agrawal Oration award (Allahabad Medical Association/IMA) 2007
- Golden Jubilee Outstanding Achievement oration award GSVM Medical College Kanpur 2007
- Dr. PJ Mehta Oration award (Association of Physicians of India) 2006
- Manorama Sapre Oration award (Indian Society of Hematology & Transfusion Medicine) 2005

## Professional/research awards/recognitions:

#### University level awards:

- Award of Excellence at Teachers' day by K.G.'s Medical University Lucknow,
   2013
- Vice Chancellor medal for mentor of Best PhD thesis 2013
- Vice Chancellor medal for best paper at Research Show Case 2011

#### State level Awards:

- UP Ratan Award by All India Conference of Intellectuals. 2018
- "Vishwavidyalaee Samman" by Hindi Sansthan, Government of UP for Hindi Book "Anemia:Kuchh Rochak Jankarian". 2016
- Outstanding Physician Award" by Hon'ble Governor, UP. 2016
- Vigyan Gaurav Award by Govt. of UP, Department of Science & Technology
   (Highest award in science and technology by UP Govt.) 2014
- Vigyan Ratna award by Govt. of UP, Department of Science & Technology,
   2009

#### National Awards/recognition

• UGC expert for evaluation of universities 2020—

- Adjunct Faculty in Special Center for System Medicine (SCSM) at Jawaharlal Nehru University, New Delhi. 2021---
- Certificate of Merit by Department of Science & Technology Govt. of India at 8<sup>th</sup>
   National Science Film Festival, Guwahati, 2018
- National Award of Department of Science & Technology for outstanding contribution in communication through electronic media, Govt of India, 2016
- Adjudged as Nodal officer of "Outstanding ART center" by Director General,
   NACO, Govt. of India 2010

#### <u>International Awards/recognitions:</u>

- Fellow of Royal College of Physicians, Ireland. (FRCP Ireland) 2018
- Fellow of Royal College of Physicians, Glasgow. (FRCP Glasgow) 2017
- Fellow of Royal College of Physicians, London. (FRCP London) 2016
- Best research Paper award at ORCA meeting at Evian, France. Feb 2004
- World Federation of Hemophilia Fellowship Award (Oxford UK) 2001
- Oak Ridge Fellowship in Leukemia Research, Department of Energy USA 1995

#### Literary/social awards:

- Itthade Millat Conference award 2021 for excellence in Medical services to the community.
- Amrit Lal Nagar award Lucknow 2019
- Marvelous Achiever Award by Marvelous Record Book of India. Lucknow December 15, 2018
- Saraswati Samman by Saraswati Sangeet academy, Lucknow. November 19, 2018
- Tulsi Gaurav Samman by Tulsi Shodh Sansthan, Lucknow. March 24, 2018
- Chief Guest at Hindi Rajbhasha Workshop, Nationbal Botanical Research Institute Lucknow. March 28, 2018
- Gaurav Award by "India Watch" TV Chanel, Jan 14, 2017
- Hindi Gaurav Samman by "Shabda Sarita Sanstha Lucknow" at Press Club Lucknow for promoting Hindi. Jan 20, 2017

- Distinguished Physician award by Awadh Sanskriti Manch UP May 2017
- Bhojpuri Gaurav Samman for outstanding achievement in the field of Medical Science, awarded by Akhil Bhartiya Bhojpuri Samaj. 2008

#### Miscellaneous honours:

- President, Mahamana Mission Lucknow 2019
- Key note speaker at "National Conference on chronic diseases and life style" organized by SKY Institute, Lucknow. March 9, 2016
- Chief Guest at National Science Day function at Indian Institute of Toxicological Research Lucknow, March 3, 2015
- Member of Executive Council, Dr. RML Avadh University Faizabad, nominated by H.E. Governor of UP. (2011-2013)
- Keynote speaker at symposium on "Biochemistry beyond 2000" at Dr. RML University Faizabad, 28 November 1999.

3. Research experience and Publications

(Research papers, Patents, Books, Ph.D mentorship)

## Research background:

- Visiting Scientist at Division of Hematology, Center for Biologics Evaluation and Research (FDA), National Institutes of Health, Bethesda, MD. USA 1989-1991
- Visiting Fellow in Division of Monoclonal Antibodies, FDA, National Institutes of Health, Bethesda MD, USA. 1993
- Research Fellow (Leukemogenesis) at CBER, Food and Drug Administration,
   NIH, Bethesda, MD. USA 1995
- Research activities at KG Medical University Lucknow in Hematology/hematological-oncology and HIV/AIDS since 1989 (30 years)
- Training in GCP (Good Clinical Practice)
- Training in Bio statistics
- Mentor of 7 Ph.D thesis (four already awarded) and co-guide in 2 PhD thesis.
- Investigator/co-investigator in 24 research projects
- Papers published (177)
- Adjunct Faculty in Special Center for System Medicine (SCSM) at Jawaharlal Nehru University, New Delhi. 2021---

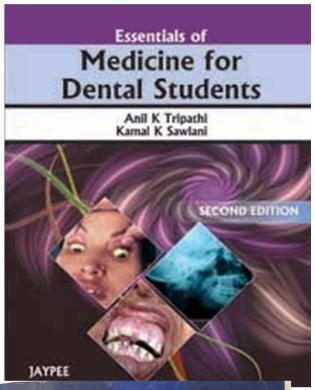
#### **Areas of research:**

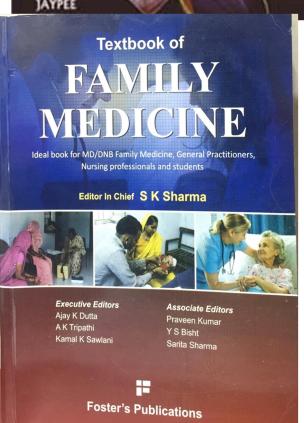
- Etiopathogenetic, molecular and clinical studies in bone marrow aplasia and dysplasia.
- Cellular and molecular biology of Chronic Myeloid Leukemia
- Molecular and clinical heterogeneity in ITP
- Hematological Abnormalities in HIV/AIDS.

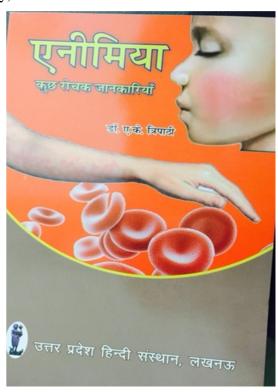
## Author of Books and educational films:

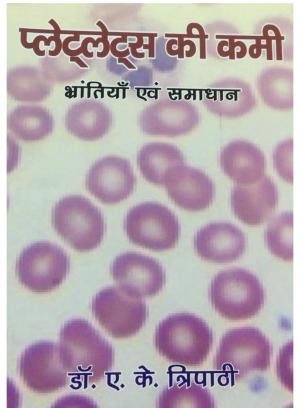
- "Essentials of Medicine for Dental Students" by Tripathi AK & Sawlani KK.
   Ist Edition 2006, IInd Edition 2010, III Edition 2016, Jaypee Publishers New Delhi, widely read by students in India and neighbouring countries.
- 2. "Text book of Family Medicine" (as Executive Editor) 2014, Foster publication Lucknow
- 3. "Anemia; Kuchh Rochak Jankarian" a book in Hindi, published by Hindi Sansthan, Government of Uttar Pradesh 2014, Awarded by the Govt. of UP (Vishwa Vidyalayi Samman).
- 4. Documentary film on "Do Boond Zindagi ke" (wrote script and acted)

- 5. **Documentary film on anemia "Sawarti Zindagi"** (concept, research and acting), won Certificate of Merit at 8<sup>th</sup> National Science Film festival of India Guwahati, 20-24 Feb 2018
- 6. Book in Hindi "**Platelets ki kami; Bhrantiyan evam samadhan**", released by Sri H.N.Dixit, Hon. Chairman Assembly, UP. 2018









# **Chapter in books:**

- 1. Chapter in KGMC Book of Clinical Cases. 2015
- "Hematological Complications in HIV Infection: Cytopenia" in "Fundamentals of Global HIV Medicine" published by Mayo College of Medicine, USA, 2009
- 3. Chapter in "CML in India" Bombay Hospital Mumbai 2009
- 4. Chapter in API Text book of Medicine 2010, 2015
- 5. Chapter in "HIV Medicine" published by IGNOU 2010-2011
- 6. Chapter "Primary myelofibrosis" in Hematology Today 2012
- 7. Chapter "Hematological disorders in HIV" in Hematology Today 2012
- 8. Chapter "Pre ART Care, ART Considerations and Follow-Up with PLHA" in HIV/AIDS in India: A Public Health Approach on Contemporary Trends" published by Global Vision Publishing House, New Delhi. 2015

# Original research papers

- 1. Jain M, Rai A, Kushwaha R, yadav G, Misra S, Verma SP, Singh US, Tripathi AK, Kumar A. A cross sectional study on T cells and subsets in chronic lymphocytic leukemia and their association with clinical phenotype. Indian J hematol Blood Transfusio. 2021;January. Doi.org/10.1007/s12288-021-01397-x
- Mishra M., Thacker G., Sharma A., Singh AK., ...Tripahi AK. et al. FBW7 inhibits myeloid differentiation in acute myeloid leukemia via GSK3- dependent ubiquitination of PU.1. Molecular cancer research. 2021; Doi:10.1158/1541-7786.MCR-20-0268.
- 3. Verma SP, **Tripathi AK**, Kumar N, Gupta SK. Case reports of chronic myeloid leukemia and tuberculosis: Is imatinib the link between the two? *Indian J Tuberculosis*. 2020 https://doi.org/10.1016/j.ijtb.2020.11.004.
- 4. Rani, P, Jain, M., Verma N. **Tripathi AK** *et al.* Epstein–Barr Virus Expression in Classic Hodgkin Lymphoma in an Indian Cohort and its Association with Clinical and Histomorphological Parameters. *Indian J Hematol Blood Transfus*. 2020:1-7 https://doi.org/10.1007/s12288-020-01359-9.
- Shukla S, Tripathi AK, Verma SP, Yadav D.K, Tripathi R.K, Maurya S. Association of Interleukin-1β-31C/T, -511T/C and -3954C/T single nucleotide polymorphism and their blood plasma level in acquired aplastic anemia. *Indian J Hematol Blood Transfus*. 2020: 1-10, https://doi.org/10.1007/s12288-020-01281-0.
- 6. Kumar H, Chattopadhyay S,....**Tripathi AK** et al. Leprosy Drug Clofazimine Activates Peroxisome Proliferator-Activated Receptor-Γ And Synergizes With Imatinib To Inhibit Chronic Myeloid Leukemia Cells. *Haematologica* 2020:105(4);971-986

- https://doi:10.3324/haematol.2018.194910.
- 7. Sanyal S., Kumar H.,...**Tripathi A.K**. et al., Combination of clofazimine and imatinib for effective therapy of drug-resistant myeloid leukemia. 2020, *US patent number* 10576078.
- 8. Shukla S, **Tripathi AK**, S.P. Verma, Awasthi N., Prognostic value of single nucleotide polymorphisms, TNF-alpha-308 and IFN-gamma-874 and their plasma level in patients with aplastic anemia. *Blood Research* 2020:55(4);193-199 https://doi.org/10.5045/br.2020.2020009.
- 9. Verma SP, Kumar N, Jain M, **Tripathi AK**, Essential Thrombocythemia Presenting with Recurrent Priapism: A Case Report and Review of Literature. *Am J Case Rep* 2020:21; e924455-1. https://doi: 10.12659/AJCR.924455.
- Tripathi AK, Success and Challenges in the Management of Chronic Myeloid Leukemia, Annals of the National Academy of Medical Sciences. 2019:55(03); 135-137, https://doi.org/10.1055/s-0039-1698546 ISSN 0379-038X.
- Singh N, Tripathi AK, Sahu DK, et al. Differential genomics and transcriptomics between tyrosine kinase inhibitor-sensitive and resistant BCR-ABL dependent chronic myeloid leukemia. *Oncotarget*. 2018: 9 (54); 30385-30418. https://doi: 10.18632/oncotarget.25752
- 12. Jain M, **Tripathi AK**. CD8 expression in B Chronic Lymphocytic Leukemia: A case of Immunophenotypic aberrancy. Cytometry Part B: *Clinical Cytometry*. 2018: 94(4); 679-682. <a href="https://doi.org/10.1002/cyto.b.21535">https://doi.org/10.1002/cyto.b.21535</a>.
- 13. Jain M, Kumar A, Verma SP, Tripathi AK. The ubiquitous parasite: Leishmaniasis in an elderly man. *Blood Research*. 2018: 53; 101. https://doi: 10.5045/br.2018.53.2.101
- Passah S., Tripathi AK. Marketing Pattern and Efficiency of Khasi Mandarin in Meghalaya. *Indian Journal of Economics and Development*. 2018: 14(2); 281-287.
- 15. Yadav DK, **Tripathi AK**, Gupta D, et al., Interleukin 1B (IL-1B-31 and IL-1B-511) and interleukin 1 receptor antagonist (IL1-Ra) genes polymorphisms in Primary Immune Thrombocytopenia. *Blood Research*. 2017: 52(4); 264-269.

- https://doi 10.5045/br.2017.52.4.264.
- 16. Chaudhary S, Apurva,...**Tripathi AK**, et al., A Study of Cardiovascular Abnormalities in HIV Positive Patients in a Tertiary Care Hospital in Northern India. *J Assoc Physicians India*. 2017; 65(12); 24-29. PMID: 29327518.
- 17. Jain M, Kumar A, Singh US,...**Tripathi AK**. Et al., Cellular and plasma nitrite levels in myeloid leukemia: a pathogenetic decrease. *Biol Chem*. 2017: 398 (11);1259-1265.
  - https://doi: 10.1515/hsz-2017-0143. PMID: 28622138.
- 18. Jain M, **Tripathi AK**. ICUS/CCUS/CHIP: basics & beyond. *Expert Rev Hematol*. 2017: 10(10); 915-920. https://doi: 10.1080/17474086.2017.1371588.
- 19. **Tripathi AK**, Verma SP, Kumar N. Mutation analysis in Chronic Myeloid Leukemia patients in chronic phase on Imatinib having delayed achievement of milestones or loss of response. *Indian Journal of Hematology and Blood Transfusion*.2017: 33; 316–320.
- Jain M, Shukla A, Kumar A, Kushwaha R, Tripathi AK. Anemia in CD5 negative chronic lymphoproliferative disorders: Importance of bone marrow examination. *Journal of Clinical and Diagnostic Research*. 2017: 11(4); XL01. https://doi: 10.7860/JCDR/2017/21088.9605
- 21. Shukla M., Agarwal M., Singh J., Tripathi AK., Srivastava AK. & Singh VK. Predictors of depression among people living with HIV/AIDS on antiretroviral therapy attending tertiary care hospitals in the Capital of Uttar Pradesh: A cross-sectional study. *Indian Journal of Social Psychiatry*. 2017: 33; 159. https://doi: 10.4103/0971-9962.209200.
- 22. Parashar Y, Kushwaha R, Kumar A, Agarwal K, Singh US, Jain M, Verma SP, Tripathi AK. Haemostatic Profile in Patients of Myeloproliferative Neoplasms-A Tertiary Care Centre Experience. J Clin Diagn Res. 2016 Nov;10(11):EC01-EC04. doi: 10.7860/JCDR/2016/19985.8840.
- 23. Yadav M., Singh AK.,...Tripathi AK, et al., Epidermal growth factor receptor inhibitor cancer drug gefitinib modulates cell growth and differentiation of acute myeloid leukemia cells via histamine receptors, *Biochimica et Biophysica Acta* (BBA) General Subjects, 2016:1860(10);2178-2190, ISSN 0304-4165,

- https://doi.org/10.1016/j.bbagen.2016.05.011.
- 24. Shukla M, Agarwal M, Singh JV, **Tripathi AK**, Srivastawa AK, Singh VK. Non-adherence to antiretroviral therapy among people living with HIV/AIDS attending two tertiary care hospitals in districts of northern India. *Indian Journal Community Medicine*. 2016: 41; 55-61. https://doi: 10.4103/0970-0218.170970
- 25. Arunachalam AK, Jain M, Kumar A, Kushwaha R, Singh US, **Tripathi AK.** Megakaryocytes in chronic phase of chronic myeloid leukemia: A descriptive case series. *Annals of Pathology and Laboratory Medicine*. 2016:3;A176-182. https://doi: 10.21276/apalm
- 26. Singh AK, Awasthi D,...**Tripathi AK**. Et al., High oxidative stress adversely affects NF<kappa>B mediated induction of inducible nitric oxide synthase in human neutrophils: Implications in chronic myeloid leukemia. *Nitric Oxide*. 2016: 58; 28-41 https://doi: 10.1016/j.niox.2016.06.002.
- 27. Shukla M, Agarwal M, Singh JV, **Tripathi AK**, Srivastava AK, Singh VK. Highrisk sexual behavior among people living with HIV/AIDS attending tertiary care hospitals in district of Northern India. *Indian Journal of Sexually Transmitted Diseases and AIDS*. 2016: 37; 46-51. https://doi: 10.4103/0253-7184.176212.
- 28. Yadav D, **Tripathi AK**. Association of TNF-α -308G>A and TNF-β +252A>G genes polymorphisms with Primary Immune Thrombocytopenia: A north Indian study. *Blood Coagulation & Fibrinolysis*. 2016: 27(7); 791-796. https://doi.org/10.1097/MBC.0000000000000492
- 29. Shukla M, Agarwal M, Singh JV, **Tripathi AK**, Srivastava AK, Singh VK. Catastrophic Health Expenditure amongst People Living with HIV/AIDS Availing Antiretroviral Treatment Services at Two Tertiary Care Health Facilities in District of Northern India. *National Journal of Community Medicine*. 2015: 6(3); 323-328
- Singh N, Bansal B, Singh U, Qureshi S, Tripathi AK., Comparative study of pre invasive and invasive lesions of the cervix in HIV positive and HIV negative women. *Clinical Cancer Investigation Journal*. 2015: 4(1); 39-42. https://doi. I: 10.4103/2278-0513.149037

- 31. Singh R, Singh RK,...**Tripathi AK**., el al. Circadian time structure of circulating plasma lipid peroxide, antioxidant enzymes and other small molecules in peptic ulcers. *Clinica Chimica Acta*. 2015: 451; 222-226. <a href="https://doi.org/10.1016/j.cca.2015.09.033">https://doi.org/10.1016/j.cca.2015.09.033</a>
- 32. Saxena R, Gupta S., Singh K., Mitra K., Tripathi AK., Tripathi RK. Proteomic profiling of SupT1 cells reveal modulation of host proteins by HIV-1 Nef variants. *PLoS One*.2015: 10(4); e0122994. https://doi.org/10.1371/journal.pone.0122994.
- 33. Jain N., Reddy DH., **Tripathi AK**., Cardiac abnormalities in HIV positive patients: Results from an observational study from India. *Journal of International Association of Physicians in AIDS Care (JIAPAC)*. 2014:13(1); 40-6. <a href="https://doi.org/10.1177/1545109712456740">https://doi.org/10.1177/1545109712456740</a>
- 34. Rai D., Garg RK.,...Tripathi AK., et. al. Cerebrospinal fluid cytokines and matrix metalloproteinases in human immunodeficiency seropositive patients of tuberculous meningitis. Annals of Indian Academy of Neurology. 2014:17;171-178
- 35. Jangamreddy JR, Panigrahi S,... **Tripathi AK**. et. al, Mapping of Apoptin interaction with BCR-ABL 1, and development of apoptin based targeted therapy. *Oncotarget*. 2014: 5; 7196-7211. https://doi: 10.18632/oncotarget.2278.

https://doi: 10.4103/0972-2327.132617

- 36. **Tripathi AK**, Mishra S, Kumar A, Yadav D, Shukla A, Yadav Y. Megakaryocyte morphology and its impact in predicting response to steroid in immune thrombocytopenia. *Platelets*. 2014:25(7); 526-531. https://doi: 10.3109/09537104.2013.845875
- 37. Singh A, Dubey M,...**Tripathi AK**,.Glutathionylation of NF-Kb and Procaspase-3 Regulates Inducible Nitric Oxide Synthase Expression and Apoptosis of Chronic Myeloid Leukemia Cells. Blood, The Journal of the American Society of Hematology. 2014: 124(21); 3131-3131.
- 38. Shukla A, Mishra S, Jain M, **Tripathi AK**. Pure red cell aplasia: A rare complication of isoniazid therapy. *Indian Journal of Hematology & Blood Transfusion*. 2014: 30(1); 36–37.

- https://doi: 10.1007/s12288-013-0230-y
- 39. **Tripathi AK**, Shukla A, Misra S, Yadav YK, Yadav DK. Eltrombopag therapy in newly diagnosed steroid non responsive ITP patients. *International Journal of Hematology*. 2014: 99(4); 413-7. https://doi: 10.1007/s12185-014-1533-y.
- 40. Jain N, Mittal M, Dandu H, Varma SP, Gutch M, **Tripathi AK**. An observational study of endocrine disorders in HIV infected patients from north India. *Journal of HIV Human Reproduction*. 2013: 1(1); 20-24.
- 41. Maurya V, Srivastawa H,...**Tripathi AK**., Oropharyngeal candidiasis and candida colonization in HIV positive patients in North India. *Journal of Infection in Developing Countries*. 2013: 7; 608-613. <a href="https://doi.org/10.3855/jidc.2801">https://doi.org/10.3855/jidc.2801</a>
- 42. Sonkar SK, Gupta A, Atam V, Chaudhary SC, **Tripathi AK**, Sonkar GK. Clinical Profile of neurological manifestation in Human Immunodeficiency virus positive patients. *North American Journal of Medical Sciences*. 2012: 4; 596-599. https://doi: <a href="https://doi.org/10.4103/1947-2714.103329">10.4103/1947-2714.103329</a>.
- 43. Jain N, **Tripathi AK**, Venkatesh V, Verma SP, Himandhu D, Gutch M. Can metabolic factors be used prognostically for short term mortality in HIV infected patients? *Annals of Medicine and Health Sciences Research*. 2012: 2; 124-128. https://doi:10.4103/2141-9248.105658
- 44. Gupta P, **Tripathi AK**, Jain A, et al. Effect of IRIS development on survival in HIV/TB patients on antiretroviral therapy among north Indian patients. *Indian Journal of Community Health*. 2012: 24; 129-133.
- 45. Wal N, Venkatesh V, Agarwal CG, Kumar A, **Tripathi AK**. Unsafe Injections: A potential risk for HIV transmission in India. *Biomed Research*. 2012:23(3); 390-394.
- 46. Singh N, Dhakad A, Singh U, **Tripathi AK**, Shankhwar P. Prevalence and characterization of thrombocytopenia in pregnancy in Indian women. *Indian Journal of Hematology & Blood Transfusion*. 2012: 28; 77-81. https://doi:10.1007/s12288-011-0107-x
- 47. Gupta P, Singh KP, **Tripathi AK**, Jain A, Prasad R. Role of polymerase chain reaction as a diagnostic tool in pulmonary tuberculosis. *Journal of Reccurent Advance in Applied Sciences*. 2012: 28; 19-24.

- 48. Singh P, Yadav GP, Gupta S, **Tripathi AK**, Ramchandran R, Tripathi RK. A novel dimer-tetramer transition captured by the crystal structure of the HIV-1 Nef. *PLOS one*. 2011: 6(11). https://doi.org/10.1371/journal.pone.0026629.
- 49. Misra R, **Tripathi AK**, Paliwal S. Contaminated water sanitation and people living with HIV/AIDS: A Right to pure water and proper sanitation approach. *Voice of Intellectual man*.2011: 1; 81-98.
- 50. Wal N, Venkatesh V, Agarwal CG, **Tripathi AK**. Clinical features of HIV positive patients attending a tertiary care hospital of north India. *Biomed Research* 2011: 22; 431-434.
- 51. **Tripathi AK**, Kumar A, Ramaswamy A. Total Leukocyte Counts and the requirement of dose reduction due to cytopenia as prognostic indicators affecting response to Imatinib in Chronic Myeloid Leukaemia. *Indian Journal of Haematology & Blood Transfusion*. 2011: 27; 7-13. https://doi.org/10.1007/s12288-010-0048-9
- 52. **Tripathi AK**, Varma SP, D Himanshu. Acute psychosis, a rare presenting symptom of megaloblastic anemia. *Indian Journal of Haematology & Blood Transfusion*. 2010: 26; 99-100. <a href="https://doi.org/10.1007/s12288-010-0032-4">https://doi.org/10.1007/s12288-010-0032-4</a>
- 53. Wal N, Venktesh V, Agarwal CG, **Tripathi AK**, Singh M, Singh RK. Profile of CD4 counts and symptoms in HIV patients on and not on ART. *Biomedical Journal*. 2010: 22(2); 24-25.
- 54. Ahmad R, **Tripathi AK**, Tripathi P, Singh S, Singh RK. Studies on lipid peroxidation and non-enzymatic antioxidant status as indices of oxidative in patients with chronic myeloid leukemia. *Singapore Medical Journal*. 2010: 51(2); 110-115.
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- 39. Sircar A R, **Tripathi AK**, Choudhary S K, Misra R Kaushal G P. Profile of AIDS: A Study of 45 Cases. *Journal of Association of Physicians of India*. 1997: 44; 871. (Abst).
- 40. **Tripathi AK**, Tandon V, Ahmad M, Kumar S, Misra R, Sircar AR. Role of Low Dose ARA-C In Chronic Myeloid Leukemia. *Journal of Association of Physicians of India*. 1997: 44; 880. (Abst).
- 41. Himansu, Sircar AR, and **Tripathi AK**: Role of Hydroxyurea in Patients of Chronic Myeloid Leukemia with Early Blast Transformation. Abstracted in UPICON-93, XV Annual Conference of API, UP Chapter. 9-10 Oct. 1993

## **RESEARCH PROJECTS**

S.No.	Project Name	Funding Agency/collabora tion	Duration	As	Grant (Rs.)
1.	Regulation of polyamines biosynthesis and role of interferon alpha in CML patients	UPCST Lucknow	1998-01	Principal investigator	3,37,200/-
2.	Diagnostic and prognostic implications of cytogenetic studies in patients with pancytopenia and bone marrow suppression	CSIR New Delhi	1999-02	Principal investigator	3,39,000/-
3.	Cytogenetic studies in patients with Aplastic anemia	UPCST Lucknow	2000-03	Principal investigator	3,21,600/-
4.	Study of the response to antiretroviral therapy in HIV/AIDS patients	UPCST Lucknow	2003-05	Principal investigator	2,14,000/-
5.	To evaluate the role of IM-133 N on clinical and immunological status in patients with HIV/AIDS	Himalaya Drug Company	2003-04	Principal investigator	1,50,000/-
6.	Screening for Cryptosporidium in stool of children hospitalized for diarrhea and of HIV positive patients in a tertiary are centre	KGMU Lucknow	2003	Co- investigator	1,10,000/-
7.	Advantage of using polymerase chain reaction in detection of mycobacterimia in HIV/AIDS patients compared to conventional method	UPCST Lucknow	2005-08	Co- investigator	7,57,200/-
8.	Study of S-phase fraction and Aneuploidy in patients with bone marrow suppression: diagnostic and Prognostic Value	UPCST Lucknow	2006-09	Co- investigator	5,04,000/-
9.	Co-infection of hepatitis C virus with Human Immunodeficiency Virus (HIV): impact on immunological progression of HIV disease	UPCST Lucknow	2006-09	Co- investigator	
10.	To elucidate the genetic variation in HIV coreceptors (CCR5, CXCR 4, CCR 2, and CX2 CR 10) SDF-1, RANTES and MIP-1	CCMB Hyderabad	2007-	Principal investigator at KGMU	

	alpha and its impact on the epidemiology of			site	
11	the Indian populations  A multicentre, cross sectional survey of HIV  1 viral co-receptor tropism in patients infected with clade C HIV 1 at select sites in India	Pfizer Ltd.	2008-	Principal investigator	
12	Microbiological study of G.I. opportunistic infections	SGPGI Lucknow	2008-	Co- investigator	
13	Study of etiological factors in Megaloblastic anemia	UPCST Lucknow	2008-	Principal Investigator	
14	Prevalence of IRIS associated TB in HIV patients on ART.	ICMR	2010-13	Principal investigator	1 SRF and contingency
15	Study of etiology and pathogenetic mechanism of anemia in CML patient on imatinib therapy	Intramural	2010	Principal investigator	
16	Cardiac abnormalities in HIV patients	Intramural	2010	Co- investigator	
17	Understanding of neurodevelopment through diffusion tensor imaging and neuropsychological test in children born to HIV positive mothers-A cross sectional study	DST, Govt of India	2011	Co- investigator	With SGPGI Lucknow
18	Effect of a synthetic compound on leukemic cells of CML patients	Collaborative with CDRI Lucknow	2012	Co- investigator	
19	NO synthtase activity in CML	Collaborative with CDRI Lucknow	2012	Co- investigator	
20	FcR polymorphiam in patients with ITP	ICMR New Delhi	2014-16	Investigator	
21	Cytokine and metabolizing enzymes gene polymorphisms in acquired aplastic anemia	ICMR New Delhi	2015-18	Principal investigator	17,19,780/-
22	A Phase 3 Randomized, Controlled, Open- Label Study of Selinexor, Bortezomib, and Dexamethasome (SVD) versus Bortezomib and Dexamethasome (Vd) in Patients with Relapsed or Refractory Multiple Myeloma (RRMM)	Clinical Trial: BOSTON-KCP- 330-023	2018	Co- investigator	
23	A Phase 2b Open-label Study of Selinexor (KPT-330) in atients with Relapsed/Refractory Diffuse large B-Cell Lymphoma (DLBCL)	Clinical Trial:SADAL- KCP-330-009	2018	Co- investigator	
24	Molecular characterization of Th17 cells and their role in acquired aplastic anemia.	ICMR New Delhi	2018	Investigator	1 SRF
25	PCR restriction enzyme analysis for diagnosis of candidemia:comparision with automated methods, antigen detection, biochemical methods and virulence factors estimation.	SERB EMR/2017/00304 0	2018-21	Co- investigator	32,11,670/-

#### Mentor of Ph. D. Theses

- 1. Regulation of polyamine biosynthesis and the role of interferon in patients with CML (awarded)
- 2. S Phase fraction and aneuploidy in patients with bone marrow aplasia (Awarded)
- 3. Study of oxidative stress in CML (Awarded)
- **4.** Study of immune reconstitution inflammatory syndrome associated tuberculosis in HIV infected patients on Anti-retroviral therapy (Awarded)
- Polymorphism study in proinflammatory cytokines gene in patients with ITP (Awarded)
- 6. Cytokine and xenobiotic metabolizing gene polymorphism in aplastic anemia.(submitted)
- 7. Study of vitamin B12, vitamin D and zinc in patients of hematological malignancies.
- 8. Study of formation of HAMLETS complex and its tumoricidal effect on NOTCH signaling pathway during pathway during cell death on leukemia cell lines (co guide)
- 9. Association of organochlorines, TNF alpha, MDA and GSH with development of aplastic anemia.(co-guide)

## Patents:

Patent filed: Application No. 2567DEL2013

Date of Filing (Prov.): 30.08.2013

**Title**: Novel aryl naphthyl methanone oxime derivatives for the treatment of hematological malignancies and solid tumors

Inventors: Sabyasachi Sanyal, Atul Kumar, Naibedya Chattopadhyay, Jawahar Lal, Arun Kumar Trivedi, Dipak Datta, Srikanta Kumar Rath, Tahseen Akhtar, Shailendra Kumar Dhar Dwivedi, Manisha Yadav, Bandana Chakravarti, Abhishek Kumar Singh, Jay Sharan Mishra, Nidhi Singh & **Anil Kumar Tripathi** 

## **European Patent Office**

Aryl Naphthyl Methanone oxime (s) and process for preparation thereof Patented 4.4.16 IN/30.8.13/INA DE25672013

<u>United States PCT</u> International application number 16/117,156 on August 18, 2018 Title of invention: "Combination of clofazimine and imatinib for effective therapy of drug-resistant myeloid leukemia."

4. Administrative experience and creation of new facilities

# Establishment of new academic/clinical centers & Administrative responsibilities:

- 1. Head of Department Clinical Hematology at K.G.'s Medical University Lucknow from 2011-2019 and from 25<sup>th</sup> November 2020 continued...
- 2. **Director, Dr. Ram Manohar Lohia Institute of Medical Sciences**, **Lucknow**, 1<sup>st</sup> March 2019 to 24<sup>th</sup> November 2020.
- 3. Director, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, 28<sup>th</sup> November 2019 to 8<sup>th</sup> February 2020 (additional charge)
- 4. Creation of new super specialty department "Department of Clinical Hematology" at K.G.'s Medical University Lucknow. 2011. In-charge of Hemato-oncology unit in the Department of Medicine, K.G.'s Medical University Lucknow since 1992 and instrumental in creation of a much needed super specialty department "Department of Clinical Hematology" in 2011.
- 5. **Established** a state of art "Center of Excellence for Hemophilia Comprehensive Care" at Department of Clinical Hematology, KGMU Lucknow 2016
- 6. **Established "Anti-retroviral therapy center"**(A.R.T. Center), a National AIDS Control Organization, Government of India Programme, at K.G.'s Medical

University Lucknow and was Nodal Officer from 2005 to 2013. The center bagged a **certificate of excellence** from Director General NACO and Secretary, Department of AIDS, Government of India.

- 7. **Established "Regional NACO Training Institute"** at K.G.'s Medical University Lucknow (since 2006) and was the **Director** of the training institute (2006-2013).
- 8. Faculty Incharge, "Center for Advance Research" K.G.'s Medical University Lucknow 2014-2016.
- 9. Nodal Officer of State Medical College, Ambedkar nagar, UP, 2009-2010

#### Additional responsibilities in the University:

- Member of executive council, King George Medical University Lucknow
- Faculty in charge, Center for Advance Research (Ex)
- Member, University Court
- Vice chairperson, Hematology Board
- Member, Tumour Board
- Member, Institutional Ethics committee (Ex)
- Member, Board of Laboratory Medicine
- Member of Editorial Board, KGMU Text Book of Clinical Case
- Faculty in charge, KGMU MOU cell
- Member secretary, committee for preparing PhD Rules and regulations in KGMU.

# 5. Professional achievements

(Fellowship, memberships, technical committees)

## Positions held in professional associations:

#### National Bodies / Associations

- President, Indian Society of Hematology & Blood Transfusion 2015-2016
- President, Associations of Physicians of India, UP Chapter 2009-2010
- Vice president, AIDS Society of India 2008-2011
- Secretary, Indian Cancer Society-UP. 2004-2006
- Secretary, Association of Physicians of India-UP. 2005-2007
- Joint secretary, Associations of Physicians of India, UP Chapter 1998-2000.
- Founder Secretary, Indian Society of Hematology & Transfusion Medicine-UP.
   2002
- Member of executive committee, Indian Society of Hematology & Transfusion Medicine 2007
- Hon. Consultant, Hemophilia Society of India, Lucknow, affiliated to World Hemophilia Federation. 1998--

#### Member of technical committees:

- Expert in University Grant Commission (UGC) higher level committee for granting approval to universities and for evaluation. 2020---
- Member of a GOI/WHO collaborative project on "Management of hospital waste"
- Member of expert committee on the development of training modules on HIV by UNICEF
- National/State Trainer for HIV/AIDS, UP AIDS Control Society/NACO
- Member of Expert Committee, Council of Science and Technology UP India 2003-2006
- Member of TRG (Technical Resource Group on Anti-retroviral therapy), NACO,
   Ministry of Health, Govt. of India. 2007-2009
- Member of Institutional Ethics Committee, K.G. Medical University Lucknow 2006-2009
- Member of the co-ordination committee for the M. Phil coarse in "Translational Health Science" sponsored by DST, Govt. of India
- Vice chairman, Hematology Board, K.G.'s Medical University Lucknow 2014...
- Co-Nodal officer for ICMR Cancer registry in the K.G. Medical University Lucknow.
- Member Secretary, Hemophilia Core committee, Ministry of Health, Govt. of UP.
   2010.....
- Member of Research Committee, Dr. RML Institute of Medical Sciences Lucknow 2011--
- Member of Stem Cell Ethics committee, K.G. Medical University Lucknow 2011-
- Member of Institutional Ethics committee, K.G. Medical University Lucknow 2011-2014
- Member of panel for preparation of guidelines for uses of newer oral anticoagulants with Mumbai hematological society. 2012
- Member of ICMR panel for guidelines for MDS 2014 -2018
- Member of National consultative Group on Thalassemia 2014
- Member of Expert Committee, Council of Science and Technology UP India 2013-2016

- Member of "State Blood Services" committee, Uttar Pradesh 2015--
- Member of "National Guidelines for Hemophilia committee" Ministry of Health and Family Welfare, Govt. of India. 2015—
- Chairman, Human Ethics Committee, Central Institute of Medicinal and Aromatic Plants, CSIR, Lucknow 2018-2020

## Fellowships:

- Fellow of Royal College of Physicians, Ireland. (FRCP Ireland) 2018
- Fellow of Royal College of Physicians, Glasgow. (FRCP Glasgow) 2017
- Fellow of Royal College of Physicians, London. (FRCP London) 2016
- Fellow of National Academy of Medical Sciences India (FAMS) 2012
- Fellow of Indian Society of Hematology and Transfusion Medicine (FISHTM)
   2007
- Fellow of Indian Academy of Clinical Medicine (FIACM) 2001
- World Federation of Hemophilia Fellowship Award 2001
- Fellow of Indian College of Physician (FICP) 2000
- Oak Ridge Fellowship in Leukemia Research, Department of Energy USA 1995

#### Member of Scientific/professional Associations:

- American Society of Hematology (ASH)
- European Hematology Society (EHA)
- International Society of Hematology (ISH)
- Indian Society of Hematology and Blood Transfusion (ISHBT)
- Indian Society of Medical & Paediatric Oncology (ISMPO)
- Indian Association of Cancer Chemotherapists (IACC)
- Indian Cancer Society (ICS)
- International AIDS Society (IAS)
- AIDS Society of India (ASI)
- Indian Immunology Society.(IIS)

- Association of Physicians of India (API)
- Indian Academy of Clinical Medicine (IACM)
- International Society for Heart Research (ISHR)
- American Association for Advancement of Science (AAAS)
- American College of Angiology (ACA)
- Indian Medical Association (IMA)

## 6. Academic achievements

(Lectures, conferences, editor, examiner)

## **Editor/Member of Editorial Board:**

- Editor-in-chief, Indian Journal of Hematology & Blood Transfusion.(Springer, Indexed in Pubmed) 2010- 2013
- Editor-in-chief, Journal of Internal Medicine of India, an official publication of Association of Physicians of India UP chapter. 2000 -2003
- Member of Editorial Board of "Blood Research", a publication of Korean Society of Hematology. 2016--
- Member of Advisory Committee, Indian Journal of Hematology & Blood Transfusion.2013--
- Member of Advisory Committee, Journal of Association of Physicians of India
- Associate editor, KGMU Text book of Clinical cases
- Peer reviewer for many reputed medical journals;

J AIDS

Global Journal of Hematology & Blood Transfusion
Indian J Hematology & Blood Transfusion
Journal of Clinical Immunology
Indian J Medical Research
Blood Research

#### Examiner:

- Ph.D (PGI Chandigarh, AIIMS Delhi, CSIR-CDRI, JNU Delhi, Cuttack Univ, Calicut Univ))
- D.M. (SGPGI Lucknow, AIIMS,PGI Chandigarh)
- M.D. (PGI Chandigarh, AIIMS etc.)
- M.B.B.S.(AIIMS etc.)
- B.D.S.
- M. Phil (Translational Health Sciences

## **Organization of conferences/workshops:**

#### Organizingchairman/secretary:

- Programme Director, CME on CLL and Lymphoma. March 6, 2021. K.G.
   Medical University, Lucknow.
- Organizing Chairman, International conference (ISHBT-European Hematology Association Tutorial 2018) at Lucknow 16-18 Feb, 2018
- Organizing Chairman, National Hematology Update at KG Medical University Lucknow 5 August 2017
- Organizing Chairman, National Infectious Disease Update at KG Medical University Lucknow. 2-3 April 2016
- Organized Orientation Training on Hemophilia at KG Medical University Lucknow. 18 Sept. 2015

- Organized National Hematology Update at KG Medical University Lucknow. 12
   Sept. 2015
- Organized CME on Hematology and State level quiz at KGMU Lucknow August
   9, 2014
- Chairman, Scientific committee, Annual Conference of Association of Physicians of India-Up Lucknow 14-15 Dec 2013.
- Organized a State level Hematology quiz under auspices of Indian Society of Hematology & Blood Transfusion May 17, 2013
- International update on CML at KG Medical University, March 25, 2013
- An Update on Thrombocytopenia at CSMMU Lucknow 6 April 2012
- "CML: Cure without BMT?" symposium organized at CSM medical University, March 12, 2011
- "Anemia: Challenges and Newer Perspectives" at CSM Medical University Lucknow August 21, 2010
- "Recent Advances in Hemostatic disorders" at CSM Medical University

  Lucknow April 2010
- 48<sup>th</sup> National Conference of Indian Society of Hematology and Transfusion Medicine" Nov. 15-17, 2007 at Lucknow
- Annual meeting of Indian Society of Hematology & Transfusion Medicine UP Chapter Lucknow April 2003
- International Training Workshop on HIV/AIDS, Lucknow, November 2000

#### Member of the Organizing Committee:

- 52nd Joint Annual Conference of Association of Physicians of India at K.G.'s Medical College Lucknow, India 10-15 January 1997.
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, Mumbai. November 2000
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, Calicut, Kerala 2002

- Symposium on World AIDS Day, CSM medical University Lucknow, 30 November 2002
- Health Mela at Tanda, Ambedkar nagar (UP) 15 Dec 2002
- "Programme implementation and action plan" UP State AIDS Control Society Lucknow 29 April -1<sup>st</sup> May 2002
- Symposium on World AIDS Day, KG Medical University Lucknow 30 Nov, 2002
- CME in Hemato-Oncology "Recent advances in NHL" Department of Medicine KG Medical University Lucknow 13<sup>th</sup> July, 2004
- CME on Recent Advances in Hemostatic Disorders, KG Medical University Lucknow, 16 Sept, 2005
- Symposium on ART in HIV/AIDS, World AIDS Day 1 Dec, 2005
- Training of Medical Officers and ART expert team at Regional ART Training
   Institute Sept and Oct 2006
- National member of advisory committee, Annual conference of Indian Society of Hematology and Transfusion Medicine, JIPMER, Pondicherry 2008

#### Training activities:

- National level trainer of experts and medical officers on the management of HIV/AIDS
- Incharge, NACO Regional ART Training Institute, CSM medical University Lucknow
- (Organized more than 24 training programmes on HIV & lectured at around 85 training sessions)
- Trained around 900 paramedical staff of various hospitals in Lucknow on HIVAIDS
- Trainer for physicians on the management of Hemophilia

## **Conferences attended:**

## National Conferences:

- 1. Faculty and Panel expert, Indian Myeloma Congress 2021 at SGPGI Lucknow 23-25 April 2021.
- Hemophilia: management challenges. Chaired session. Organized by SGPGI Lucknow and National Health Mission UP. January 22, 2021
- 3. Leukemia and lymphoma update (Essence from ASH 2020) 16-17 January 2021. Online.
- 4. Lecture on "Pancytopenia" at UP-APICON at Lucknow. 22 Sept 2019

- Panel expert and coordinator at Young Hematologist Conference, SGPGI Lucknow 22 Sept. 2019
- 6. Chaired a session at Best of EHA meet at Kolkata 24 August, 2019
- 7. Participated and chaired a session in Best of Lugano Lymphoma meet at Mumbai. 3-4 August 2019.
- 8. Chaired a session at Mumbai hematology Group meet at Delhi, 12-14 July, 2019
- 9. Participated in ASH Highlights at Mumabi, 25-27 Jan 2019
- 10. Chaired a session at conference on "Genomics in Medicine" Lucknow.19.11.2018
- 11. Participated and chaired a session during "Update on Thalassemia and Sickle cell disease" at Bombay Hospital & Medical Institute, Mumbai. 18.11.2018
- 12. Lecture on "Management of refractory AIHA" at Annual conference of Indian Society of Hematology and Blood Transfusion, Kochi, 27.10.2018
- 13. Lecture on "Management of CLL" at Annual conference of API-UP at Varanasi. 06.10.2018
- 14. Lecture on "Management of Thalassemia" at National Update, KG Medical University Lucknow. 22.09.2018
- 15. Lecture on "Emerging therapeutic modalities in hematological malignancies" at American College of Physicians-India chapter annual meeting, Lucknow. Sept 1, 2018
- 16. Chaired a session on "Hemovigilence" at KG Medical University Lucknow, 24<sup>th</sup> August, 2018.
- 17. Chaired a session on "Low grade lymphoma" during Best of Lymphoma meeting at Kolkata, 24<sup>th</sup> June, 2018
- 18. Panel discussion on "Blood safety; NAT test" at KG Medical University Lucknow. 3<sup>rd</sup> May, 2018
- 19. Lecture on "Management of Myeloma" at National Hematology Update, BHU Varanasi. 29<sup>th</sup> April, 2018
- 20. Panel discussion on "Status of Hemophilia Care in UP" at Delhi. 17 April 2018
- 21. Chaired a session during National HIV Congress at Mumbai, 6-8 April, 2018
- 22. Participated and chaired a session on "Coagulopathy; Lab diagnosis" during National Update on Hemostasis at SGPGI Lucknow. 17 March, 2018

- 23. Chaired a session on Myeloma, Indian Myeloma Congress, and R&R Hospital Delhi. 10<sup>th</sup> Feb, 2018
- 24. Guest lecture "Inhibitors in hemophilia" at Delhi hemophilia society meeting. 20<sup>th</sup> Jan 2018.
- 25. Chaired a session on CLL diseases in Annual Conference of Indian Society of Hematology at Guwahati, 3<sup>rd</sup> November, 2017
- 26. Delivered a lecture on Heavy chain diseases in Annual Conference of Indian Society of Hematology at Guwahati, 2<sup>nd</sup> November, 2017
- 27. Chaired a session during UPPATHCON, Lucknow 23 Oct 2017
- 28. Lecture on "IVIg in Hematology; infections" at Mumbai Hematology Group conference, Mumbai 14.10.2017
- 29. Panelist in session "TFR in CML" at 37th ICON, Delhi. 16 September 2017
- 30. Chaired a session at National Hematology update, KG Medical University Lucknow 5 August 2017
- 31. Lecture on "Anemia in Pregnancy" at Lucknow Obs and Gyn Chapter of FOGSI, July 15, 2017
- 32. Faculty at Best of 14<sup>th</sup> iCML conference at Mumbai 30 June-2 July 2017
- 33. Chaired a session and in panel discussion on Hematological Malignancies at National Conference of ICON Lucknow. 26 March, 2017
- 34. Chaired a session on Leukemia at National CME at Era Medical College Lucknow. 6 March, 2017
- 35. Lecture on "Bleeding disorders" at RIMACON 2017 Raibareily. 4 March, 2017
- 36. Lecture on "Amyloidosis" and chaired sessions during Annual Conference of Indian Society of Hematology & Blood Transfusion Jaipur, 10-13 Nov, 2016
- 37. Participated in panel discussion and chaired sessions at Myeloma Meeting at PGI Chandigarh, 1-2 Oct 2016
- 38. Talk on"Approach to thrombocytopenia" at International CME on Hematology at Cuttack. 3-4 Sept. 2016
- 39. Participated in "Best practices in Hematology" meeting at SGPGI Lucknow. 27 August, 2016

- 40. Talk in National Hematology Update at K.G. Medical University Lucknow. 20 August 2016
- 41. Participated in panel discussion and chaired a session in CME on Hemovigilance Programme of India by National Institutes of Biologics, Government of India, at K.G. Medical University Lucknow. 22 August 2016
- 42. Chaired a session on "Flow cytometry; its clinical use" at K.G. Medical University Lucknow. 12 August 2016.
- 43. National update on "Mother and Child Hematology" at KMC Mangalore. Chieg Guest and Delivered a lecture on "Thrombocytopenia in Pregnancy". May 15, 2016
- 44. National Hematology Update at BHU Varanasi. May 1, 2016. Lectures on"ITP" and "Newer Oral Anticoagulants".
- 45. National Hemostasis Conference organized by CMC Vellore at Bangalore. 23-24 April, 2016 and delivered a lecture on "Gaining support from Government for Hemophilia Care in UP: A success story".
- 46. National Update on Infectious Diseases at KG medical University Lucknow. 2-3
  April 2016
- 47. Key note lecture on "Änemia: A "gift" from modern life style" at National conference organized by SKY Institute, Lucknow. 9 March 2016
- 48. Chaired a session during International Symposium on "Current trends in Drug Discovery" at CSIR-CDRI Lucknow. Feb 26, 2016
- 49. Chaired a session and member of penal at ISHBT-EHA Joint Tutorial on Lymphoid Malignancies. Mumbai Feb 29, 2016
- 50. Chaired a session at National update on Application and advances in Electron Microscopy"Department of Pathology, K.G. Medical University Lucknow. Nov 29, 2015
- 51. Lecture on "How I treat TTP" at Annual Conference of Indian Society of Hematology & Blood Transfusion. Bangalore Nov 7, 2015
- 52. Participated in Annual Conference of AIDS society of India. Mumbai Oct 30-31, 2015

- 53. Lecture on "How to choose initial treatment in Frail CLL patients" at National Hematology Update. Mumbai Oct 18, 2015
- 54. Lecture on Anemia at "International Hematology Update" at Cuttuck India , 20 Sept 2015
- 55. Orientation programme on Hemophilia at KG Medical University Lucknow. 18 Sept 2015
- 56. Chaired a session on "Stem cell ethics" at CDSO/DBT sponsored programme at BBD University Lucknow. 16 Sept 2015
- 57. Chaired a session at National Hematology Update at KG Medical University Lucknow. 12 Sept 2015
- 58. Penalist in a seesion on Myeloma at 33<sup>rd</sup> Mational ICON meeting at Coimbatore, 6<sup>th</sup> Sept 2015
- 59. Delivered a lecture at National Hematology Update JIPMER Pondicherry, April 11, 2015
- 60. Delivered a lecture at National update on Biotechnology and Societal Benefits. Lucknow, April 8, 2015
- 61. Chaired a session during National Hematology Update at AIIMS New Delhi, April 2, 2015
- 62. Panel Discussion on management of Thalassemia at national Update, Command Hospital Lucknow, March 8, 2015
- 63. Lecture on "What is new about ITP" at National ASH update Calcutta, March 1, 2015
- 64. Lecture on "What is new about ITP" at National ASH update Bangalore, Feb 14, 2015
- 65. Chaired a session on CML at Hematological Malignancies (HOPE) Meeting at SGPGI Lucknow 12-13 Dec 2014
- 66. Delivered a lecture on anemia at "Wellness Global conference" at Kanpur University. 14 November 2014
- 67. Delivered a lecture at Annual Conference of Indian Society of Hematology & Blood Transfusion, Hyderabad. November 7, 2014

- 68. Participated and chaired a session and lectured on "Multiple myeloma" during Annual conference of Indian Association of Clinical Medicine at Agra. 11-12 October 2014
- 69. Participated and chaired a session during ACE: CML meeting at Mumbai 26-27 July 2014
- 70. Participated as panel member in National Hemophilia Update organized by Christian Medical College Vellore at Bangalore. 5-6 July 2014
- 71. Chaired session at HIV Congress at Mumbai March 22, 2014
- 72. Chaired session at Recent advances in the management of Primary Myelofibrosis" SGPGI Lucknow Feb 23, 2014
- 73. Participated in "Future Advances in Medicine: at KG Medical University Lucknow Feb 11, 2014
- 74. Chaired sessions at Annual conference of API-UP Lucknow Dec 14, 2013
- 75. Chaired a session at Annual conference of Indian society of Hospital waste management, KGMU Lucknow.Dec 8, 2013
- 76. Chaired sessions during National Conference on Fungal Infections. SGPGI Lucknow. Dec 7, 2013
- 77. Lecture at Annual Conference of Obst &Gyn Society of India UP chapter, Lucknow Dec 1, 2013
- 78. Chaired a session at Annual conference of Indian Society of Hypretension. Lucknow Nov 16, 2013
- 79. Chaired assession on ALL during Annual Meeting of Indian Society of Hematology, Mumbai Nov. 9, 2013
- 80. Chaired a session during Advances in Flowcytometry at SGPGI Lucknow. 20 Sept, 2013
- 81. Participated as member of National Consultative Group on Thalassemia, Delhi. 10& 11 August, 2013
- 82. Chaired a session on PPTCT at National Conference of ISPRB, Lucknow March 24, 2013
- 83. Lecture on "HIV and TB" at Workshop on TB at RML Institute of medical Sciences, Lucknow March 18, 2013

- 84. Attended in workshop on Biostatistics at Annual conference of INCLEN, Lucknow March 2, 2013
- 85. Lecture on Iron Overload/Chaired a session at National Hematology Conference, Bombay Hospital, Mumbai, Jan 23-26, 2013
- 86. Lecture at "HIV conference" at Mumbai, 5 Jan 2013
- 87. Hemophilia update. CMC Vellore November 20, 2012
- 88. Lecture on IRIS at 5<sup>th</sup> AIDS Society of India conference, Bangalore, November 23, 2012
- 89. Participated in Update on inherited hemoglobin disorders. Deptt of Pathology, KG Medical University Lucknow November 17, 2012.
- 90. Moderator in "MDS Symposium" at Annual conference of Indian Society of Hematology and Blood Transfusion, Puri November 9, 2012.
- 91. Guest lecture "MDS: Recent advances" Dept. of Medicine, KG Medical University Lucknow. October 10, 2012
- 92. Guest lecture "How I diagnose and manage a case of MDS" at National CME at Medical College Calicut. 16 September 2012
- 93. Chaired a session "Implication of NAT in blood banking" at KG Medical University Lucknow 4 Sept 2012
- 94. Chaired a session on "Medical research; Need and how to do" at symposium at CSSMU Lucknow 14 April 2012
- 95. An Update on thrombocytopenia CSMMU Lucknow 6 April 2012; Lecture on "ITP, intriguing issues"
- 96. National Hematology Update AIIMS New Delhi 7-8 April 2012; panel discussion on CML: second line TKA
- 97. National conference on Hemostasis, Bangalore 18 March 2012; Lecture on "Status of hemophilia care in UP"
- 98. HIV Conference at Mumbai 16-17 March 2012. Lecture on "Predictors of IRIS in HIV"
- 99. Panel discussion on new oral anticoagulant. Mumbai 10 March 2012
- 100. National Hematology Conference Mumbai 26-29 Jan 2012; Lectrure on Hematological disorder in HIV

- 101. Annual Conference of Association of Physicians of India –Odisha, 13 Nov, 2011 and delivered lecture on "Acute Leukemia: Approach"
- 102. Annual Conference of Indian Society of Hematology and Blood Transfusions at PGI Chandigarh, 10-12 November,, 2011 and chaired sessions.
- 103. National update on Hemophilia Management. HFI Delhi 18 July 2011
- 104. Panel discussion on the "2<sup>nd</sup> line TKI in CML" at Best of ASCO meeting at Pune 17 July 2011
- 105. "Myeloma and renal involvement" chaired session, Lucknow 3 June 2011
- 106. Lecture "Initiation of ART" at AIDS Conference at MLN Medical College Allahabad 1 May 2011
- 107. Panel Judge in Poser competition at Association of Physiologists and Pharmacologists of India –UP meeting, CSM medical University Lucknow 22 April 2011
- 108. "Advances in Management of Hemostatic disorders" participated at Chennai organized by CMC Vellore April 10, 2011
- 109. Panel discussion on "Anti-microbial resistance" during World Health Day programme ornaized by CSM medical university & WHO Lucknow April 7, 2011
- 110. Lecture on "HIV: ART initiation" at National Master trainers's training programme, STM Kolkata. March 23, 2011
- 111. National Hematology Update 2011, at AIIMS 26-27 Feb 2011. Lecture on "TTP"
- 112. Chaired session on CML at ASH update, Jan 16, 2011 Delhi
- 113. Lecture "HAART and Bone Marrow" at National AIDS Conference, Mumbai Jan 7-8, 2011
- 114. Lecture "Microangiopathic hemolytic anemia" at National Hematology CME, Bombay Hospital Jan 27-30, 2011
- 115. Lecture "Lymphoma and HIV" and chaired a session in National HIV Conference Mumbai, Jan 8-10. 2010
- 116. Lecture "DIC; recent advances" and chaired sessions during Hematology Update, Bombay Hospital. Jan. 14-16, 2010

- 117. Chaired a session during "National Myeloma Update" at Mumbai organized by Indian Society of Hematology and Bombay Hospital. May 17, 2009
- 118. Chaired a session and member of Panel discussion during "Symposium on Hematology for physicians" at Govt. Medical college Chandigarh May 3, 2009
- 119. Chaired and delivered lecture on "Hemophilia and Myths" on World Hemophilia Day 17 April, 2009 at SIPS Lucknow
- 120. Chaired a session during "CME on Clinical Aspects of Transfusion Medicine"!7 Jan 2009 CSM Medical University Lucknow
- 121. Lecture on "Erythropoietin" at National Hematology CME at Bombay Hospital Mumbai 24-26 Jan 2009.
- 122. Lecture on "Thrombocytopenia in HIV Disease" at National Conference on HIV Therapy, Mumbai 10-11 Jan 2009
- 123. Delivered a lecture on "HIV and hematological disorder" at ISHTM 2008 Pondicherry Sept.
- 124. Lecture during "Symposium on MDS" at Bombay Hospital, Mumbai, 26-27 July 2008
- 125. Attended and delivered lecture in HIV conference 2008 at Mumbai
- 126. Attended and delivered lecture in APICON 2008 at Cochin
- 127. Attended and delivered lecture in UPICON 2007 at Varanasi
- 128. Attended and delivered lecture in IACM 2007 at Amritsra
- 129. Attended and delivered lecture in ISHTM 2007 at Lucknow
- 130. Delivered oration lecture in APICON 2007 at Goa Feb 2007
- 131. Chaired sessions at ISHTM annual conference at Guwahati, Nov. 2006
- 132. Chaired a scientific session on Hematology APICON 2004 Hyderabad
- 133. Presented CPC case at APICON 2004 Hyderabad
- 134. Delivered a lecture on "Management of CML" during Annual meeting of UP-API, 15-16 Nov, 2003 Kanpur
- 135. Chaired a scientific session at CME on Hematology at Army Hospital, New Delhi, 14 Nov, 2003
- 136. Diagnosis of HIV/AIDS: Indian Guidelines. At APICON 2003, 11-15 Jan. BHU V

- 137. Antiretroviral therapy. At HIV Symposium, Command Hospital, Central Command, Lucknow, 12 January 2003.
- 138. Fungal Infections in immunocomprovised host. IMA CME workshop, Lucknow 16 September 2002
- 139. Annual Conference of Indian Society of Hematology and Transfusion Medicine, Calicut, October 2002
- 140. Myeloma Conference Tata Memorial Hospital Mumbai, 25-26 Jan 2002.
- 141. WHO-AIIMS meeting on TB & STI/HIV Control 28-30 Nov 2001.
- 142. International AIDS Conference India 2000: Chennai 2-5 Nov 2001.
- 143. Association of Physicians of India Uttar Pradesh Annual Meeting: Nainital 2001.
- 144. Participated and chaired "Update session on Haemato-oncology" APICON 2001, New Delhi 20-24 January 2001.
- 145. Participated in Annual Conference of Association of Physicians of India: Jaipur 2000
- 146. Participated and delivered a guest lecture on "RBC membrane in health and disease" at 55th Annual conference of Associations of Physicians of India at Jaipur, 21-25 January 2000.
- 147. A symposium on 'Hemolytic anemia' organized by Delhi Society of Hematology and Army Hospital, Referral and Research, Delhi April 1, 2000.Delivered a talk in the "Seminar on Adolescent Health Care Awareness" at K.G. Medical College Lucknow, 19 Nov. 2000.
- 148. Participated and delivered a guest lecture on "Interferons" at 54th Annual conference of Associations of Physicians of India at Calcutta, 17-20 January 1999.
- 149. Delivered a guest lecture "Tumour markers: a critical appraisal" at 18th annual meeting of IMA Association of Medical Specialties at Calcutta, 18-19 Sept. 1999.
- 150. Delivered keynote address "Cancer Immunotherapy: A Promise for New Millennium" at Dr. RML University Faizabad. 28 Nov. 1999.
- 151. Participated and delivered a guest lecture at 31st Annual Conference of Indian Pharmacological Society at CDRI Lucknow, 17-20 December 1998.

- 152. Participated in Annual Conference of Indian Society of Hematology and Blood transfusion at Chennai, 26-28 November 1998.
- 153. Participated and presented research paper in 53nd Joint Annual Conference of Associations of Physician of India, at Bangalore Medical College Bangalore. 16-21 January 1998.
- 154. Participated and presented paper in Annual Conference of Indian Society of Hematology and Blood Transfusion, at Calcutta, 19-21 December 1997.
- 155. Participated in National Hematology Update, Department of Hematology, All India Institute of Medical Sciences, and New Delhi. 6-7 April 1997.
- 156. Participated in 52nd Joint Annual Conference of Associations of Physician of India, at K.G.'s Medical College Lucknow. 10-15 January 1997.
- 157. Tripathi AK, Lucio Meilie, Hoffman T: Notch Gene Expression in Human Peripheral Blood Mononuclear Cells. VII National Conference of Indian Society of Oncology and International Symposium on New Perspective in Oncology, March 1- 3 1996, Lucknow.
- 158. Tripathi AK, Mishra Rakesh, Pant DC: Reversible Bone Marrow Suppression in Typhoid Fever. APICON 1996, Jan 17-21 1996, Kathmandu Nepal.
- 159. Singh SK, Mishra R, Tripathi AK: Etiopathogenetic and Clinicohaematological Study of Aplastic Anemia.at UPICON 1995, 18-19 Nov. 1995, Lucknow.
- 160. Tripathi AK, DC Pant, and Rakesh Mishra: Study of Platelet Abnormality in Septicemia. UPCON 1994, BHU, Varanasi.
- 161. Tripathi AK: Comparative Role of Busulphan and Hydroxyurea in chronicm myeloid leukemia at APICON 1993, New Delhi. 23 Jan 1993.
- 162. Tripathi AK: Diagnosis and Management of HIV Infection. Presented in "AIDS Symposiun" at K.N. Institute of Tech. and I.M.A. Sultanpur. 12 Sept. 1992.
- 163. Tripathi AK: AIDS Vaccine; Past, Present, and Future. Presented at LLRM Medical College Meerut, U.P. on 14.3.1992.
- 164. Tripathi AK: Antibody-Dependent Cellular Cytotoxicity and HIV Infection. AIDS Symposium at G.S.V.M. Medical College Kanpur. Sept. 1991.

- 165. Tripathi AK: Fc Receptors and Antibody-Dependent Cellular Cytotoxicity. at Division of Immunology and Genetics, S.G.P.G.I. Medical Sciences Lucknow. Sept.1991 17
- 166. Kapoor R, Agarwal CG, Tripathi AK, Ghatak A, and Agarwal V: Erythrocyte membrane protein profile in non-insulin dependent dependent diabetic patients. Annual Conference of Association of Physicians in India held at Pune. January 1988.
- 167. Jain AK, Agarwal CG, Nath P, Tripathi AK, Ghatak A, and Rastogi AK: Correlation of electron microscopic picture of kidney with patterns of proteinuria in diabetic nephropathy. Annual Conference of Association of Physicians in India held at Pune. January 1988.
- 168. Agarwal CG, Jain AK, Tripathi AK, Ghatak A, and Rastogi AK: Patterns of proteinuria and prognostic indices in diabetic nephropathy. Annual Conference of Association of Physicians in India held at Pune. January 1988.

#### **International Conferences:**

- 1. Participated in World Congress of Hemophilia at Glasgow, UK 18-24 May, 2018
- 2. Chaired session at International conference (ISHBT-EHA Tutorial 2018) at Lucknow. Feb.16-18, 2018.
- 3. Delivered lectures in International SAARC conference on Hemoglobinopathies and Hemophilia. Bangalore Feb 1-2, 2018
- 4. Participated and chaired session at Japanese Society of Hematology meeting at Yokohama, Japan. Oct 13-15, 2016
- 5. Participated in Annual conference of European Hematology Association at Copenhagen, Denmark. June 9-12, 2016
- 6. Delivered a lecture on "Complications in CLL"at International conference of Asian Oncology Society, New Delhi 8-10 April, 2016
- Presentation of research paper "HIV-1 Nef controls cellular invasion through differential modulation of host proteins" Reshu saxena et al. IAS 2015 Vancouver Canada, 19-22 July 2015

- 8. European Hematology Association meeting, Vienna Austria June 2015
- 9. Presented a research paper during American Society of Hematology Conference at San Francisco USA, 6-9 Dec 2014
- Participated in "Tutorial on Lymphoid Malignancies" by European Hematological Association/ISHBT at TMH, Calcutta. Sept 26-28, 2014
- 11. Participated in CML Group of Opinion Leaders Summit (CML-GOLS) at Amsterdam. March 7-10, 2014
- 12. Presented a paper at International CML conference at Estoril Portugal. 26-29 Sept. 2013
- 13. American Society of Hematology Conference at Atlanta USA, 8-12 Dec 2012 and presented a paper.
- 14. International symposium on CML. Mumbai 28-29 July 2012
- 15. World Congress of Hemophilia. Paris 8-12 July 2012
- 16. International Conference on Hemato-oncology, University of Hong Kong & MD Anderson Cancer Center USA. 23-26 Feb 2012.
- 17. American Society of Hematology Conference at San Diego USA, 6-9 Dec 2011
- 18. International Conference on Hemato-oncology, National University of Singapore & MD Anderson Cancer Center USA. At Singapore 18-20 March 2011.
- 19. International AIDS Society conference, Vienna Austria, 18-23 July 2010
- 20. International AIDS Society conference, Cape town, S Africa, 19-22 July 2009
- 21. American Society of Hematology Conference at New Orleance USA, 6-9 Dec 2009
- 22. International Symposium on Prognostic and Predictive Factors in Cancer Management Dec 15, 2008. CSM Medical University Lucknow
- 23. American Society of Hematology Conference at San Francisco USA, 6-9 Dec 2008
- 24. IXth International Congress on Drug Therapy in HIV Infection. Glasgow 9-13 Nov. 2008
- 25. Attended American Society of Hematology conference at Atlanta USA, 7-10 Dec 2007
- 26. Europian Hematology Association meeting at Vienna 7-10 June 2007

- 27. Attended American Society of Hematology conference at Orlando USA, 9-12 Dec 2006.
- 28. Attended American Society of Hematology conference at Atlanta USA, 4-8 Dec 2005.
- 29. Presented and received best paper award in the "Optimizing Research in Anemia in Cancer" meeting at Evian, France 27-29 Feb. 2004
- 30. Attended American Society of Hematology conference at Atlanta USA, 8-11 Dec 2004.
- 31. International Conference on HIV Drug Therapy Glasgow UK Nov. 2004
- 32. Participated in the American Society of Hematology meeting at San Diego California USA 6-9 Dec 2003.
- 33. Delivered lecture at CML session during the 29<sup>th</sup> World Congress of International Society of Hematology, Seoul, South Korea, 23-28 April, 2002
- 34. Delivered lectures at International AIDS India conference, Chennai, November 2001
- 35. Delivered a talk on "HIV/AIDS: KGMC Experience" at International. Training Workshop on HIV/AIDS. 16 Nov. 2000, Lucknow.
- 36. Attended and presented paper at 28th World Congress of International Society of Hematology, Toronto, Canada 26-30 August 2000.
- 37. Paper presentation at International Society of Hematology Congress/EHA, 4-9 July 1998. Amsterdam, Netherlands.
- 38. Participated in International Cancer Congress, New Delhi Oct 30-Nov.3, 1994.
- 39. Cardiovascular Toxicity in Aluminium Phosphide Poisoning: Role of I.V. Magnesium Sulphate, at the meeting of International Association for Heart Research at CDRI, Lucknow, INDIA, 2-5 May 1992.
- 40. Attended 2nd International Congress on AIDS in Asia and Pacific at Ashok International, New Delhi, 8-12 Nov. 1992.
- 41. Presented paper in 23rd Congress of the International Society of Hematology and the 32nd Annual Meeting of the American Society of Hematology in Boston, MA (U.S.A.), Nov 28-Dec 4, 1990.

- 42. Targeted Cellular Cytotoxicity and Bispecific Antibodies, at Annapolis Hilton, Annapolis, MD (U.S.A.), Oct 22-25, 1989.
- 43. A Report of 27 Cases of Snake Poisoning, presented at Europa India International Symposium, Tubingen (Germany), Jan 4-7, 1989.

Supervision of MD Thesis:

• Study of Various Therapeutic Modalities in Chronic Myeloid Leukemia. Study on Haematological Alterations in Lymphoma. Fructosamine in prediction of Glycemic Control in Diabetes Mellitus.

#### 1992

- Pattern of Infections in Haematological Malignancies. Clinico-Haematological and Cytogenetic
- Study in Chronic Myeloid Leukemia. Haematological Alterations in Malignant Disorders

#### 1993

• Study of Platelets in Septicemia.

#### 1994

- Clinico-hematological and Etiological Study of Aplastic Anemia.
- Study of Peripheral Blood and Bone marrow Involvement in Non-Hodgkin's Lymphoma.

#### 1995

- Study of the types of anemia and secondary immunoglobulin deficiency in patients with chronic lymphocytic leukemia and related disorders.
- Study of chromosomal abnormalities in different stages of chronic myeloid leukemia; role of differentiating agents and biologic response modifiers. Ph.D. thesis (1994): Chronobiology of Biological Parameters.

#### 1996

- Utility of Bone Marrow Trephines in Diagnosis and Staging of Lymphomas. To Evaluate the Role of Chemotherapy in Management of Carcinoma cervix.
- Study of Clinical and Immunopathological aspects in HIV/AIDS. Clinical Profile of Human Immunodeficiency Virus (HIV) Disease.
- A study on Bone Marrow Biopsy in Some Hematological Disorders.

#### 1997

- Study of Myelodysplastic Syndromes. Ophthalmic Manifestations in Patients with HIV Infection/AIDS Neurological Manifestations in HIV Disease. Central Nervous System Involvement in Non-Hodgkin Lymphoma.
- Study of Hematological Parameters and Chromosome Abnormalities in Myelodysplasia and Some Chronic Myeloproliferative Disorders.

#### 1998

• Marrow Fibrosis, ALIP and Histochemical Study in Neoplastic Hematological Disorders.

- Evaluation of Marrow Fibrosis in Chronic Myeloproliferative Disorders and Myelodysplastic Syndromes.
- Evaluation of Prognostic Factors in Multiple Myeloma. Study of Some Prognostic Factors and P53 Expression in Primary and Secondary Myelodysplasia, Chronic Myeloproliferative Disorders and Few Neoplastic Hematological Disorders.

#### 1999

 Study of serum calcium in multiple myeloma. A study of hematological abnormalities in acute viral hepatitis.

#### 2000

- A study of thrombocytopenia in pregnancy. Aneuploidy study in chronic myeloid leukemia. Ph.D thesis on "Polyamine Biosynthesis in Hematological Malignancies.
- Current research project: "Regulation of polyamine biosynthesis and role of interferon alpha in chronic myeloid leukemia patients" funded by Council of Science & Technology, UP. 1998-2001.
- "Study of cytogenetic abnormalities in aplastic anemia" funded by Council of Science & Technology, UP. 2000-2003

#### 2001

- Clinical study of Hemophilia
- Study of response to antiretroviral therapy in HIV/AIDS patients

#### 2002

- Clinico hematological study of myelodysplastic syndromes
- Cytogenetic and hematological studies in hematological malignancies including MDS
- Ocular lesions in AIDS

#### 2003

- Comparative response to cyclosporine vs danazol in patients with aplastic anemia
- Study of anemia in elderly patients
- Hematological abnormalities in HIV/AIDS
- Psychiatric morbidity in HIV patients
- A clinicaradiological study of patients of tuberculosis with HIV infection
- Hemostatic status including platelet function in myeloproliferative disorders

#### 2004

• A profile of Microcytic hypochromic anemia

- Clinicohematological evaluation of patients with microcytic hypochromic anemias
- Correlation between CD4 count and absolute lymphocyte count (ALC) in patients with HIV/AIDS.

#### 2005

- Study of prevalence OF HBV, HCV and syphilis co-infection in HIV/AIDS patients.
- Study of prevalence of Paroxysmal Nocturnal hemoglobinura in patients with bone marrow hypoplasia / aplasia.
- Immunohistochemical differences in malignant lymphoproliferative disorders.

#### 2006

- Comparative study of thalidomide containing and non-thalidomide regimens in multiple myeloma
- Study of platelet abnormalities in HIV/AIDS
- Study on the role of NT-PRO-BNP abd troponin I in the detection of anthracyclin induced cardiotoxicity
- A study of prevalence of bacterial isolates in hospitalized patients suffering from AIDS
- A study of suicidal ideation in HIV positive patients

#### 2007

- Efficacy and tolerability of Imatinib in patients with CML
- Bone marrow biopsy in CML
- Microbiological study of oral candidiasis and candida colonization in HIV positive patients.
- Hematological malignancies: diagnosis and correlation with renal, liver functions and HIV status
- Prevalence and characterization of thrombocytopenia during pregnancy in Indian population.

#### 2008

- Evaluation of factors affecting response to imatinib in CML patients
- Study of infections in neutropenic patients
- Prognostic value of bone marrow fibrosis in CML

#### 2009

- Study of thrombocytosis in admitted patients
- Study of endocrinal abnormalities in patients with HIV disease.

#### 2010

- Clinico-epidemiological study of HIV patients seeking admission in the hospital
- Activity of NO synthtase in hemopoietic malignancies

- An analytical syudy of PBS and correlation with cell counter generated RBC parameters
- A clinical hematological study of pancytopenia
- Utility of restriction fragment length polymorphism in carrier detection of Hemophilia A
- Comparative study of preinvasive and invasive lesions of cervix in HIV positive and HIV negative women

## 2012

- Prevalence of osteoporosis in HIV infected patients
- Patterns of lymphomatous infiltration in bone marrow;morphological and immunophenotypic study.
- Cytomegalovirus co-infection in patients with HIV
- Study of C reactive protein and IL6 in CML
- Study of Cardiovascular abnormalities in HIV patients

### 2013

- Study of changes in megakaryocytes and platelets in MPN and MDS
- Study of non-adherence to ART

## 2014

- Thrombophilic state in MPN: a prospective study
- To study association of Tp53 arg 72 polymorphic variant with breast cancer.
- Additional chromosomal abnormalities in CML
- Spectrum of histopathological diagnosis of lymph node biopsies: A descriptive study.
- Morphological and Immunophenotypic pattern in AML.
- A study of megakarypcytic morphology and TPO level in ITP.

- Comparative evaluation of various parameters in conventional flapped vs flapless dental implant.
- Study of clinicohematological, biochemical and outcome in dengue fever.

- Study of clinicohematological and morphological profile in MDS, ph negative MPN and MDS/MPN overlap syndomes.
- Correlation of bone marrow morphology with immunophenotypic findings in CLPD.
- Stem cell markers CD 20, CD 27, and ALDH 1 in malignant lymphomas and reactive hyperplasia lymph nodes.

- Assessment of automated red cell and reticulocyte parameters-utility in anemia categorization.
- Epstein Barr virua in Hodgkin 's disease; A study in a tertiary care center.

## 2017

- Role of CD 200 in subclassification of B cell CLPD by flow cytometry.
- Analysis of PD L1 expression in Hodgkin's Lymphoma
- Clinico-hematological profile in patients of aplastic anemia and correlation with IL6 and IL 8 levels.

#### 2018

- A prospective observational study to evaluate the type and grade of drug induced liver injury in
  patients on antitubercular drugs and its association with Glutathione S-transferase gene
  polymorphism in tertiary hospital.
- Study of bone marrow microenvironmentL a comparision of aplastic anemia, CML and normal bone marrow.

- Initial Laboratory findings useful for predicting the diagnosis of immune thrombocytopenia.
- A cross sectional study of immunophenotypic profile in adult ALL and its association with clinichematological parameters and treatment response.
- Tolerance and compliance of weekly paclitaxel therapy for epithelial ovarian cancer.

7. Public lectures, radio/television talks, and social
services
Invited talks: (other than National/International conferences)

- 1. Talk on Covid 19 at All India Radio Lucknow, 29<sup>th</sup> April 2021.
- 2. Hemophilia: challenges. Talk during Webinar organized by Hemaphilia Society Lucknow and SDM University Lucknow on the occasion of World Hemophilia Day. 17<sup>th</sup> April 2012.
- 3. Educational programme for cancer awareness: on World Cancer Day at Department of Radiotherapy, KG medical University Lucknow Feb 4, 2021

## 2019

- 1. Health tips for elderly at retired officers meet, Lucknow. 25 Sept 2019
- 2. Talk on "Climate change and health" at Amity University Lucknow. Sept 3, 2019
- 3. Talk on blood disease at Door Darshan Lucknow June 4, 2019
- 4. Talk in Urdu on Seasonal illnesses at All India Radio Lucknow June 7, 2019
- 5. Talk on Blood disease at All India Radio Lucknow 28 april 2019
- 6. Talk on Blood Cancers on Door Darshan, Lucknw 23 April 2019
- 7. Life of Mahamana at Mahamana Shikshan Sansthan Lucknow 9 April 2019
- 8. A talk on anemia at Ajanta Hospital Lucknow. 18 Jan 2019

- 4. Chaired a session during "Public meeting on Thalassemia" at SGPGI Lucknow. 5.12.2018
- 5. Talk on "Prophylaxis therapy; are we ready?" at State level Hemophilia Workshop at Lucknow. 1.12..2018
- Talk and film show on anemia at Rangay Raghav Inter College Hanswar Ambedkarnanagar.
   13.11.2018
- 7. Talk and film show on anemia at SB National Inter College Baskhari Ambedkarnanagar. 13.11.2018
- 8. Talk and film show on anemia at Vasumati Gaura Devi Vidyalaya Patna, Ambedkarnanagar. 12.11.2018
- Talk and film show on anemia at Jai Bajrang Public School Ramnagar Ambedkarnanagar.
   12.11.2018
- Talk on Anemia and health camp at DSM Lions Public School. Rauza Gaon, Faizabad.
   05.10.2018
- 11. Talk on "Prevention of Anemia" at release of film, KG Medical University Lucknow 22.09.2018
- 12. Talk on "Fever and blood diseases" on AIR FM Lucknow. 16.09.2018
- 13. Talk on "Yoga and health" on International Yoga Day, Lucknow 21.6.2018
- 14. Talk on "Blood Donation" on All India Radio Lucknow 13.6.2018

- 15. Talk on "Anemia: Ek Chunauti" at Hindi Workshop, National Botanical Research Institute, Lucknow. 28.3.2018 as Chief Guest
- 16. Talk on Health and life style at regional workshop for AIR/DD programme executives, Lucknow. 13.03. 2018
- 17. Talk of All India Radio Lucknow on "Seasonal diseases" 4.2.2018

- 18. Guest lecture at UP Council of Science & technology, Lucknow on "Health & Hygiene". Sept. 26, 2017
- 19. A talk on "CML" on Red FM radio, Lucknow, Sept 22, 2017
- 20. A radio talk on "Viral fevers" on All India Radio Lucknow. Sept 12, 2017
- A talk on "Stem cell therapy" at CME on Stem cells, Mayo Medical Institute Lucknow July 28, 2017
- 22. A talk on Anemia and other blood disease at All India Radio Lucknow July 5, 2017
- 23. A talk on "Management of neutropenia in cancer patients" at CME on Venous access in cancer patients organized by KGMU Institute of paramedical Sciences, Lucknow. May 6, 2017.
- 24. Hemophila on World Hemophilia Day. Talk on All India radio Lucknow April 17, 2017
- 25. Hemophilia: Ground reality: at KG medical University Lucknow April 16, 2017
- Lecture on "Myth and fact about thrombocytopenia" at Morth Zone CME, Ordinance Hospitals, Ministry of Defenec. Kanpur. Feb 3, 2017
- 27. Lecture on disease prevention at Sankat Mochan Inter College Goshaiganj, Lucknow 4 Jan ,2017
- 28. Talk on "Health care in the new year" at All India radio Lucknow. Jan 1, 2017

- 1. Talk on "Prevention of anemia" at Vidyant College, Lucknow Dec 13, 2016
- 2. Talk on World AIDS day on radio City FM channel. Dec 1, 2016
- 3. Talk on HIV on All India radio FM channel. Nov. 27, 2016
- 4. Talk on "Anemia in pregnancy; real life challenges" at Lucknow Gynaecological Society Lucknow, Nov 8, 2016
- 5. Talk on "Gandhi philosophy and Health" at All India Radio, Lucknow. August 19,2016
- 6. Talk on "Hepatitis", All India Radio, Lucknow. July 22, 2016
- 7. Talk on "Difficult anemia" at Association of Physicians of India Uttarakhand, at Rudrapur. July 3, 2016

- 8. Talk on "What is new about ITP" at Association of Physicians of India Uttarakhand, at Rudrapur. July 3, 2016
- 9. Talk on "Blood diseases" on World Blood Donation Day at Door Darshan Lucknow. 14 June 2016
- 10. Lecture on "Challenges with newer oral anticoagulants" at API Lucknow Chapter, May 29, 2016
- Lecture "Basics of Hemophilia" at Physiotherapists workshop, Hemophilia Federation of India.Lucknow. May 14, 2016
- 12. Lecture on "Choosing Hemophilia Factors" at a symposium in Lucknow. May 11, 2016
- 13. Talk on Hemophilia at Red FM, Lucknow. 18 April 2016
- 14. Talk on All India Radio Lucknow "Hemophilia". April 8, 2016, to be broadcast on World Hemophilia Day on 17 April.
- 15. Talk on All India Radio Lucknow "Good Health; Resolve for new year". Jan 3, 2016

- 29. Talk on HIV at Door Darshan Lucknow Nov 4, 2015
- 30. A talk on "Vitamins and diseases" at All India radio Lucknow September 1, 2015
- 31. "Clinical approach to hematological disorders" at GSVM Medical College Kanpur. August 25, 2015
- 32. A talk on "Disorders of Platelets" at State level CME by IMA Kanpur. July 26, 2015
- 33. "Blood Cancers" at All India Radio Lucknow July 10, 2015
- 34. "Hepatitis" at Door Darshan, Lucknow. May 19, 2015
- 35. "Anemia; an approach" at IMA Ambedkarnagar UP, May 17, 2015
- 36. "Anemia; A Challenge" at Career Medical College Lucknow. May 12, 2015
- 37. "Practical management of anemia and thrombocytopenia in pregnancy" at Lucknow Obg Gyn society. May 2, 2015
- 38. "CML: A tale of triumph" at JK cancer Institute, Kanpur, April 24, 2015
- 39. "Eosinophilia and changing Weather" at Door Darshan Lucknow, March 20, 2015
- 40. "Hemophilia: prevention and management" at All India Radio Lucknow. March 20, 2015
- 41. A Public lecture on Anemia at Indian Institute of toxicological Research, Lucknow, March 3, 2015
- 42. A talk on "Anemia; newer understanding" at IMA meeting Kanpur, Feb 1, 2015
- 43. A talk on"CML" at ESI Hospital Lucknow, Jan 30, 2015
- 44. A talk on "Anemia in girls" at kalicharan Degree College Lucknow, Jan 13, 2015
- 45. A health camp and detection of anemia at kalicharan Degree College Lucknow, Jan 13, 2015
- 46. A talk on Anemia on Door Darshan Lucknow Jan 2, 2015

- 47. "Blood Cancers" a talk on All India Radio Lucknow. 16 Dec 2014
- 48. "HIV/AIDS" a talk on Door Darshan, Lucknow on World AIDS day. 24 November, 2014
- 49. "Swachhata aur Swasthya" a talk on All India Radio, Lucknow, Oct 31, 2014
- 50. "Current understanding in the management of anemia: a reappraisal" lecture at Allahabad medical Association meeting. Oct. 5, 2014.
- 51. Programme on AIDS at Door Darshan, Lucknow. 16 September 2014
- A talk on Science with children. At Bal Bharati Programme All India Radio Lucknow August,
   2014
- 53. "Drugs and their side effects" at All India Radio Lucknow. June 9, 2014
- 54. "Hemophilia Care" at World Hemophilia Day. Lucknow April 18,2014
- 55. Talk on Door Darshan, Lucknow on Hemophilia. April 17, 2014
- 56. "Complete Health" a talk on Door Darshan Lucknow April 11, 2014
- 57. Awareness talk on anemia: organized by Society for Hematology Research and education Lucknow. March 24, 2014
- 58. Lecture on HIV basics at Counselor training, Lucknow university Feb 14, 2014
- 59. Lecture on UWP at Counselors traning at Lucknow university Feb 14, 2014
- 60. Talk on anemia on Door Darshan Lucknow Jan 6, 2014
- 61. Lecture on basics of HIV at Counselor training, University of Lucknow Dec 15, 2014
- 62. Lecture on PEP and USP at Counselor training, University of Lucknow Dec 15, 2014

- 63. Talk on HIV /AIDS at Radio City Lucknow Dec 1, 2013
- 64. Programme on HIV/AIDS at Door Darshan Lucknow 25 Nov. 2013
- 65. Recent advances in anemia management at Ajanta Hospital, Lucknow. 15 Nov. 2013
- 66. Talk on "Nutrition and Diet" at Door Darshan, Lucknow, 10 Oct. 2013
- 67. Talk on "common seasonal illnesses" at All India Radio Lucknow, 8 Oct. 2013
- 68. Comprehensive care of HIV/AIDS; apart from ART. At CREAT, Lucknow 23 Sept 2013
- 69. Hematological approach to fever. API-UP symposium Lucknow 18 August 2013
- 70. Newer advances in management of hematological malignancies. Meet at Lucknow. 17 August, 2013
- 71. Panel discussion on Thalassemia syndrome; Guidelines for management. 10-11 August 2013
- 72. Management of Anemia at Kanpur Gyenecological Society, 14 July, 2013
- 73. Talk on Dengue and Chickenguinea on Door Darshan, Lucknow. 10 July 2013
- 74. Talk on All India Radio on Doctor's Day, 1 July, 2013
- 75. Talk on anemia in pregnancy at Lucknow Gynaecological meet, 25 May, 2013

- 76. Panel member in "Primary Myelofibrosis" at Mumbai, 19 May, 2013
- 77. IMA CGP meet at Allahabad "Anemia; challenges" 12 May, 2013
- 78. Talk on "Challenges in hemophilia care" at World Hemophilia Day Lucknow April 17, 2013
- 79. "Awareness on Hemophilia" at Swastha Bharat programme, AIR, Lucknow April 16, 2013
- 80. Talk on "Hematological approach to fever" at IMAGP conference Kanpur, 9 April, 2013
- 81. Talk on HIV natural course at ART training KGMU Lucknow April 4, 2013
- 82. Talk on ART at ART training KGMU Lucknow 5 April, 2013
- 83. Talk on PPTCT at Doordarshan Lucknow April 3, 2013
- 84. Talk on Hemophilia at Door Darshan, Lucknow March 12, 2013
- 85. Talk on blood disorders at All India Radio Lucknow Feb 5, 2013
- 86. Talk on Hemophilia at AIR Lucknow, Jan 30, 2013
- 87. Case presentation at Hematologist meet at Era Medical College Lucknow Jan 19, 2013

- 88. Programme on Gyan Vani on HIV/AIDS Dec 1, 2012
- 89. Lecure on HIv at Press club Lucknow Nov 31, 2012
- 90. Programme on HIV/AIDS on Lucknow Door Darshan "Swastha Bharat" 20 Nov, 2012
- 91. Delivered a talk "My first programme at AIR" at AIR Lucknow. 31 Oct 2012
- 92. "Water born diseases" for Swastha Bharat programme Lucknow Door Darshan 25 Sept 2012
- 93. "Diagnostic tests of HIV and blood banking" at Fatima Hospital, Lucknow 8 Sept. 2012
- 94. Dengue and chikenguinea fever, Swasth Bharat, Door Darshan Lucknow 8 August 2012
- 95. How to prevent disaease in summer at All India Radio Lucknow 9 April 2012
- 96. "Eosinophilia; beyond worms and allergy" at IMA Behraich 20 April 2012
- 97. Role of nurses in heath Care at Institute of Nursing Kakori Lucknow 24 March 2012
- 98. "Post exposure prophylaxis" at Private Medical Practitioners meeting at Lucknow. 10 Feb 2012
- 99. Basic of HIV at Department of Obs & Gyn, CSMMU Lucknow Feb 21, 2012

- 100. "Basics of HIV" at HIV symposium at SPM department CSSMU Lucknow Dec2, 2011s
- 101. "Role of micronutrients in health and disease" at All India Radio Lucknow 1 September 2011
- 102. "Optimizing outcomes in CLL". At Hemosphere symposium, New Delhi 27 August 2011
- 103. "Elderly and HIV disease" at Symposium organized by Deptt of Geriatric Mental Health, CSM Medical University Lucknow 20 August 2011
- 104. Talk of food safely. Doordarshan Kalyani programme Lucknow. 28 July 2011
- 105. Prevention of Malaria on Doordarshan Kalyani programme 23 June 2011

- 106. Systemic effects of Tobacco at CSM medical university Lucknow on World Tobacco day 31 May 2011
- 107.HIV/AIDS: Awareness. Doordarshan Kalyani programme 24 May 2011
- 108. Health Awareness lecture on World red Cross Day Lucknow May 8, 2011
- 109. Talk on "Principles of management of HIV/AIDS" at Doctors training programme, SSB (Shashastra Seema Bal), Lucknow March 11, 2011

- 1. Talk on Anemia AIR Lucknow Feb 21, 2010
- 2. Lecutures on HIV during ART Specialists training at NACO Training Center Feb 22-25, 2010
- 3. Lecture on Basics of HV for trainer/psychologists at Univ of Lucknow, March 14, 2010
- 4. Lecture on "Basics of HIV" Balrampur Hospital, Lucknow March 13, 2010
- 5. Lecture on "Basics of HIV" at Civil Hospital, Lucknow March 25, 2010
- 6. Presentations on HIV, Sahara TV March 8, 2010
- 7. Lecture on "Basics of HIV" at RML Hospital, Lucknow April 2, 2010
- Management of Hemophilia at Symposium organized by ISHTM-UP at CSM Medical University Lucknow. April 10, 2010
- 9. "Anemia; when difficult to treat" at Uttarakhand API Meet.Rudrapur, April 18, 2010
- Lectures on Clinical aspects of HIV infection at NACO LAC medical officers' training. April 28-29, 2010
- "Inhibitors in Hemophilia" lecture during Symposium on Hemophilia at IMA Kanpur. May 30, 2010

- 1. "Second line ART" at Lucknow physician forum Lucknow July 12, 2009
- "Anemia: A Multidisciplinary Approach" at Indian Medical Association, Behraich UP. May 23, 2009
- 3. Lecture on "Thrombocytopenia in HIV Disease" at National Conference on HIV Therapy, Mumbai Jan 10-11
- 4. Basics of HIV NGO targeted intervention counselors UP and Uttakhand Jan 9
- "Post Exposure Prophylaxis in HIV" during Mational level training of ART medical officers at School of Tropical medicine, Calcutta 28 March '9
- 6. "ART: monitoring and switching" during Mational level training of ART medical officers at School of Tropical medicine, Calcutta 28 March '9
- Lecture on "HIV and Young ones" at Youth Parliament organized by UMEED (NGO) 19 April Lucknow

- 8. Lecture on "ART initiation" at National LACMO training, CSMMU Lucknow 6-9 April 2009
- Lecture on "Natural course of HIV infection" at National LACMO training, CSMMU Lucknow
   6-9 April 2009
- 10. "HIV and TB" National level teachers training at Dept of Psychology, Lucknow Univ 8 April 2009
- 11. Lecture on "HIV, Women and children; special issues" at UPNP+ meeting at Lucknow. May 8, 2009
- 12. "Basics of HIV/AIDS for Nurses" at International Nurses Day. At CSMMedicalUniversityLucknow. May 12, 2009

- 1. Seminar on practical problems in HIV managements: A practitioners meet Lucknow 20.01.08
- 2. Training of counselors (UPSACS) Lucknow 23.01.08
- 3. Anemia for practitioners. CME at IMA Lucknow 23.01.08
- 4. Training of medical officers of CCC (UPSACS) Lucknow 10-13.03.08
- 5. Training of counselors from Uttarakhand on HIV (UPSACS) Lucknow 29.03.08
- 6. Training of counselors from Uttarakhand on HIV (UPSACS) Lucknow 03.04.08
- 7. Anemia for general practitioners at IMA Barabanki 18.05.08
- 8. Nomenclature in diseases, Kendriya Bhawan Lucknow 27.05.08
- 9. Training of counselors from UP on HIV (UPSACS) Lucknow 31.05.08
- 10. Training of counselors from UP on HIV (UPSACS) Lucknow 03.06.08
- 11. Training of counselors from UP on HIV (UPSACS) Lucknow 30.06.08
- 12. Training of counselors from UP on HIV (UPSACS) Lucknow 20.08.08
- 13. Training of counselors from UP on HIV (UPSACS) Lucknow 22.08.08
- 14. Natural course of HIV. ART specialist training, Lucknow 02.09.08
- 15. Natural course of HIV. ART specialist training, Lucknow 08.09.08
- 16. Training of counselors from UP on HIV (UPSACS) Lucknow 16.09.08
- 17. Training of counselors from UP on HIV (UPSACS) Lucknow 23.09.08
- 18. Natural course of HIV. ART specialist training, Lucknow 13.10.08

- 1. Anti retroviral therapy. UNICEF training for doctors., Lucknow 23.02.07
- 2. Management of HIV. UP counselor training, Lucknow24.02.07 and 27.02.07
- 3. HIV in UP. Indian Red Cross Society Lucknow 28.02.07
- 4. Myths in HIV. UNICEFSchool teachers training Lucknow 28.02.07

- 5. Basics of HIV. Training for dental surgeon, BBD UP Dental College Lucknow 06.03.07
- 6. ART Programme. PPTCT review meeting Lucknow 23.03.07
- 7. Approach to a case of anemia for general practitioner. GSVM medical College Kanpur 24.03.07
- 8. Management of HIV/AIDS. Railways doctors training Lucknow 29-30. 03.07
- 9. Hemophilia management: challenges Hemophilia Society Lucknow 17.04.07
- 10. Anemia: lessons for all. AjantaHospitalLucknow 11.05.07
- 11. Nomenclature of Blood diseases for health workers. ICD-10 meeting for central govn employees (Kendriya Bhawan, Lucknow) 22.05.07
- 12. Social issues in management of HIV (a NGO programme) at IMDUP Lucknow 25.05.07
- 13. ABC of HIV/AIDS for university teachers at Lucknow university 23.06.07
- 14. Training of counselors on HIV at Comfort Inn (UPSACS) Lucknow 29.06.07
- 15. Training of trainres on HIV at Park Inn (UPSACS) Lucknow 30.06.07
- 16. Training of counselors on UWP at Comfort Inn Lucknow 13-14.07.07
- 17. Training of trainers on ART (NACO) at KGMU Lucknow 18.07.07
- 18. Training of trainers on ART (NACO) at KGMU Lucknow 25.07.07
- 19. Training Modules for Health care worker (UNICEF) Lucknow 03.08.07
- 20. Management of HIV/AIDS at Indian Red Cross Society UP Lucknow 07.08.07
- 21. ART: Principle and practice for Specialist from PPTCT of UP (at comfot inn Lucknow) 12.09.07
- 22. Training of medical officers on ART (NACO) at KGMU Lucknow 26.09.07
- 23. Training of doctors from PMS (UNICEF)) at KGMU Lucknow 16.10.07
- 24. Training of counselors on HIV (UPSACS) Lucknow 30-31.10.07
- 25. Basics of HIV. Lecture for PG diploma students of LucknowUniversity 02.11.07
- 26. "Blood cancer" on World cancer day at KGMU 07.11.07
- 27. Public talk on HIV at Indian Red Cross Society UP, Lucknow on World AIDS Day 01.12.07

- 1. How I manage HIV? AjantaHospitalLucknow 17.02.06
- 2. Recent advances in hematological malignancies. Physicians forum Kanpur 01.04.06
- 3. Panel discussion on HIV and migration. UNICEF/UPSACS meet Lucknow 03.04.06
- 4. HIV and trafficking. UNICEF/UPSACS Lucknow 21.04.06
- 5. Role of NGO and HIV. Laxmi organization Lucknow 29.04.06
- 6. Treatment of Leukemia. IMA Basti 07.05.06
- Stigma and HIV. Indian Red Cross and British Red Cross Society. Lucknow 22.05.06
- 8. TB and HIV. Counselor training Lucknow 08.06.06
- 9. ART Nodal officer's meet: problem discussion. NACO/WHO Mumbai 16.06.06
- 10. Anti-retroviral therapy. Clinton foundation/NACO training workshop Lucknow 02.07.06

- 11. Blood diseases and ICD. Central Govt employee's training. Lucknow 18.07.06
- 12. ART center at Lucknow NACO annual review meeting Delhi 19.07.06
- 13. ART: Principle. ART expert training. KEMHospital Mumbai 27.07.06
- 14. Orientation of ART experts. WHO/NACO Lucknow 17.08.06
- 15. Advances in the management of hematological malignancies. IMA Sultanpur 17.09.06
- Hematological malignancies: past, present and future. IMACollege of general practitioners Kanpur 08.11.06
- 17. HIV/AIDS: Awareness for college students. Saket PG College Faizabad 29.12.06

- 1. Management of HIV: Physicians perspective. IMA saharanpur at Massouri 11.09.05
- 2. NACP III Preparatory meeting UPSACS Lucknow 13.10.05
- 3. Newer therapy in multiple myeloma. Rajasthan Cancer Society Udaipur 22.10.05

#### 2004

- 1. A talk at APICON 2004 Hyderabad
- 2. Guest lecture on TB and HIV during NACO regional training Lucknow24 Feb 2004

## 2003

1. Dengue fever at Lions Club Lucknow Oct 2003

## 2002

1. Control of HIV at AIDS awareness campGiasiban College Lucknow 16 October

## 2000

- 1. "Blood Cancers" at Masiah Cancer foundation Lucknow 3.3.00.
- 2. "Awareness about AIDS" at NE Railway Charbagh Lucknow on World Health Day 7.4.00.

- 1. "Prevention of Infective Hepatitis" at Lion International meeting at Rudauli, Faizabad. March 19, 1999.
- "Recent menace of Hepatitis: How to manage?" at NE Railways, Lucknow under auspice of Massiah Cancer Foundation-World Health Day celebration April 7, 1999.
- "Tumour markers: A critical appraisal" an invited lecture at 18th annual meeting of IMA Association of Medical Specialties at Calcutta. 18-19 Sept, 1999

- 1. Invited lecture on "Interferons: Mechanism of action and therapeutic role" at 31st Annual Conference of Indian Pharmacological Society, CDRI Lucknow, 18-20 December 1998.
- "Prevention of AIDS: Role of General Practitioner" at Annual function of Indian Medical Association, Faizabad branch, Oct 1998.

## 1997

- Guest lecture "Anemia, an Approach for practitioner" at Annual IMA function at Rudrapur, June 14, 1997.
- Training on "AIDS" for Programme Executives of All India Radio, at Regional Training Institute, Lucknow, May 2, 1997.
- 3. Delivered a guest lecture on 'Medical Aspect of AIDS' at Convention of Press Information Bureau, Govt. Of India. IMDUP, Lucknow. March 31, 1997.
- 4. "Anemia That Does Not Respond" a lecture delivered at Annual Function of IMA, Sultanpur. March 30, 1997.
- Guest lecture on "Non-responding Anemia" at Indian Medical Association State Level Refresher course, 23 February 97 at IMA Bhavan, Lucknow.
- 6. "AIDS; Treatment and Prevention" a lecture delivered at RegionalTrainingCenter, All India Radio, and Lucknow for Programme Executives from U.P., M.P. and Bihar. 26 February 1997.
- Guest Speaker on "AIDS: Prospects of Treatment and Vaccine" at Ordinance Parachute Factory, Kanpur, Sponsored by All India Radio, Lucknow, 18 January 1997.
- 8. Guest Speaker on "AIDS: A Social Disease" at R.R. Inter College, Hasnwar Distt. Ambedkar nagar, UP. On 30 January 1997.

## 1996

 A lecture "Anemia; A Practitioner's Approach" at State Institute of Health and Family Welfare Lucknow. March 8, 1996.

- Guest speaker on "Control of AIDS, Role of Doctors and Society" at AIDS Symposium organized by All India Radio Lucknow. February 24, 1996.
- 3. As a Guest speaker on "Blood Cancers and its Treatment" at Foundation Day of Vivekanand Polyclinic Lucknow, February 16, 1996.

- As a distinguished speaker on "AIDS; A challenge to public health" organized by All India Radio Lucknow at ITI Raibareli, March 8, 1995.
- "HIV Infection and AIDS" delivered at State level Workshop on "AIDS Awareness and its Prevention" organized by Directorate of Field Publicity, Govt. of India, Lucknow at IMDEP, Feb 17, 1995.
- Resource Person at AIDS Workshop, Department of Medicine, K.G.'s MedicalCollegeLucknow, Feb 2-4, 1995

## 1994

- 1. "Recent developments in Oncology" at Mission to India Medical Conference, Lucknow on December 21, 1994. (As a member of expert panel).
- 2. "Blood Cancers; an Introduction" at Indian Medical Association, Sultanpur Oct. 1994.
- 3. "Prevention of Ischaemic Heart Diseases" at State level refresher course, Indian Medical Association, Lucknow. April 11-17, 1994.
- 4. "Blood Cancers: An Introduction" at MAARG, Faizabad and Ayodhya. 21-22 may, 1994. "Anemia; that does not respond!" at IMA Saharanpur. June 25, 1994.
- 5. "HIV and AIDS: Medical Facts" at Litracy House for the training of University teachers. Dec. and Jan. 1993-1994.

## Miscellaneous:

## Literature:

- Diploma (Adeeb Mahir) in Urdu language (Jamia Milia Aligarh)
- Awarded by Hindi Sansthan, Govt. of UP for book in Hindi
- Tulsi Gaurav Samman by Tulsi Shodh sansthan, Lucknow.2018

## Media

- More than 210 radio talks and programmes on health related issues
- Around 90 television programmes on health and disease
- Documentary film on HIV
- Documentary film on Blood diseases and blood donation
- Short film on Anemia
- Regular articles in News papers on public health problems

# Social outreach:

- Free health camps every month in native village in Faizabad (Ambedkar nagar) district for last 32 years ( About 230 camps till now)
- Associated with various charity organizations
- President, Mahamana Malviya Mission, Lucknow 2019