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Soniya Nityanand, MD, PhD, FASc, FNASc
Vice Chancellor, King George's Medical University,
01, Shahmina Road, Chowk, Lucknow 226003, INDIA
E-mail: vc@kgmcindia.edu

Permanent Address: B-62, Nirala Nagar, Lucknow –226020, INDIA
Tel Cell: +91 8004849973
E Mail: soniya_nityanand@yahoo.co.in

PROFESSIONAL QUALIFICATIONS

- Ph.D. (Immunology), Karolinska Hospital, Stockholm, Sweden, 1996
- M.D. (specialization degree) in Internal Medicine, King George's Medical College, Lucknow, India, 1989
- M.B.B.S (basic medical degree), King George's Medical College, Lucknow, India, 1985

POSITIONS HELD

Sr. No.	Name Position	Institute	Duration
1.	Vice Chancellor	King George's Medical University UP, Lucknow	09/08/2023 to Till Date
2.	Director	Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow	17/05/2021 to 03/03/2024
3.	Chief Medical Superintendent (Additional Charge)	Sanjay Gandhi PG Institute of Medical Sciences (SGPGIMS), Lucknow	03/02/2021 to 17/05/2021
4.	Executive Registrar (Additional Charge)	SGPGIMS, Lucknow	01/12/2018 to 09/02/2021
5.	Head	Stem Cell Research Centre, SGPGIMS, Lucknow	01/12/2018 to 17/05/2021
6.	Professor & Head	Dept of Hematology, SGPGIMS, Lucknow	20/06/2003 to 17/05/2021
7.	Additional Professor	Dept of Immunology, SGPGIMS, Lucknow	01/04/2002 to 19/06/2003
8.	Associate Professor	Dept of Immunology, SGPGIMS, Lucknow	01/07/1998 to 30/06/2002
9.	Assistant Professor	Dept of Immunology, SGPGIMS, Lucknow	29/11/1993 to 30/06/1998
10.	Fellow Hematology Immunology Section, Dept of Medicine and Ph.D. student	Karolinska Hospital, Karolinka Institute, Stockholm, Sweden	02/01/1991 to 30/05/1992 & short periods (1992-1996)
11.	Assistant Professor	Dept of Medicine, King George's Medical College, University of Lucknow, Lucknow	03/10/1990 to 29/11/1993
12.	Senior Resident and DM student, Clinical Immunology	SGPGIMS, Lucknow	01/01/1990 to 03/10/1990

AWARDS

- 2025 Padma Shree Award, Govt. of India
- 2025 Lucknow Management Association Creativity and Innovation Award
- 2025 Winner of the 10th FICCI FLO U.P. Women's Award
- 2024 16th FICCI Health Care Excellence Award to KGMU UP, Lucknow, in Training Skill Development Initiative of the Year-Medical Institutes/Colleges, Federation of the Indian Chambers of Health and Commerce (FICCI)
- 2023 15th FICCI Health Care Excellence Award to KGMU UP, Lucknow, in Excellence in Patient Service Delivery-Public Hospital, Federation of the Indian Chambers of Health and Commerce (FICCI)
- 2023 15th FICCI Health Care Excellence Award to Dr RMLIMS, Lucknow, in Training Skill Development Initiative of the Year-Medical Institutes/Colleges, Federation of the Indian Chambers of Health and Commerce (FICCI)
- 2023 Full NABH Accreditation to Dr RMLIMS, Lucknow, Oncology, Superspecialty Bhavan, National Accreditation Board for Hospitals Health Care Providers NABH
- 2023 Padmashri Dr SC Rai 6th Memorial Oration, 154th Foundation Day Balrampur Hospital. Lucknow
- 2023 Dhanwantri Rang Bharti Award for Contribution in Medical Sciences, All India Journalist Association in association with Rang Bharti
- 2020 Best Research Award, in Basic Science category, Research Day, SGPGIMS.
- 2020 Award for an Inspiring Oncologist of India by Economic Times
- 2015 JR Srivastava Oration, Indian Academy of Pediatrics, Kanpur
- 2014 Member-Secretary, Lucknow Chapter, National Academy of Sciences, Allahabad
- 2013 Elected Member of the Executive Council of the National Academy of Sciences, Allahabad, India
- 2010 Prof SR Naik Award for Outstanding Research Investigator, SGPGIMS, Lucknow
- 2009 Fellow of the Indian Academy of Sciences, Bangalore
- 2006 Fellow of the National Academy of Sciences, Allahabad, India
- 2005 Rajib Goel Young Scientist Award, Kurukshetra University, Kurukshetra
- 2004 Pratima & Sucharu Stree Shakti Award for the Best Woman Scientist of the Year
- 2003 DBT National Biosciences Career Award, New Delhi
- 2001 Best Poster at the Annual Conference of the Indian Society of Medical and Pediatric Oncology, Hyderabad
- 2000 Dr JC Patel and BC Mehta award of the Association of Physicians of India for the best-case report of the Year 2000
- 1990 Young Scientist Award, Indian National Science Academy, New Delhi
- 1989 Smt. S.S. Lal Medal for Best Resident (Internal Medicine).
- 1989 Dr.N.N.Gupta Gold Medal for Best Performance in M.D. (Internal Medicine)
- 1989 Smt. Jai Devi Bhatia Gold Medal for Best Dissertation (Internal Medicine)
- 1989 Prof. K.B.Kunwar Award for the Best Paper Presentation based on original research work in the junior group.

1985	Col. Stott. Gold Medal for the Best Pathology Student for the year 1985 and on the basis of an essay on Non-A, Non-B Hepatitis
1985	Certificate of Honor for First Position in Ophthalmology.
1985	Prize for 2nd position in M.B.B.S. Final Professional Examination.
1985	Prof. K.B. Kunwar Gold Medal for securing highest marks in Pathology, Pharmacology and Medicine in M.B.B.S.
1985	Chancellor's Bronze Medal for the Best Medical Student for 1983 of M.B.B.S. Final class.
1985	Ohdedar Memorial Gold Medal for the year 1983 for obtaining the Highest marks in Pathology, Jurisprudence, Pharmacology and Hygiene in the 2nd Professional Examination of 1983.
1985	Rup Kishan Memorial Gold Medal for Obtaining the Highest marks in the 2nd Professional Examination of 1983.
1984	Dr. A.C. Banerjee Gold Medal for Standing First in Social & Preventive Medicine.
1984	Smt. Sushila Devi Gold Medal for Standing First amongst Girl students in Social & Preventive Medicine.
1984	Silver Medals and Certificates of Honor for Standing First and getting Honors in Social & Preventive Medicine, Pharmacology, Pathology and Bacteriology.
1984	Silver Medal and Certificate of Honor of Pharmacology Society for Best Pharmacology Student.
1984	Prize for standing first in 2nd Professional Examination.
1982	Dr. Dharam Narayan Prize for 1st Place in Anatomy Paper writing

HONORS/RECOGNITION

1. Member of Inter-Ministerial Committee for Indian Genome Initiative (IGENI), DBT: May 2025 – Till Date.
2. Member of NASI- Fellowship / Membership Scrutiny for Medical and Allied Sciences, National Academy of Sciences, India (NASI): Feb 2025 – Till Date.
3. DBT-BIRAC Joint Expert Selection Committee for setting up of Bio foundries and Biomanufacturing Hubs, DBT, Govt. of India,: Nov 2024 – Till Date
4. Co-chair of the Sectorial Expert Committee (SEC) on Biomanufacturing for Precision Biotherapeutics (Sub-Sector-Cell & Gene Therapy), DBT, Govt. of India: July 2024 – Till Date.
5. Member of flagship programme of DBT BRIC inStem, titled “Leveraging Stem Cell Technology to facilitate Discovery of Human Disease Biology in India, DBT, Govt. of India: May 2023 – Till Date.
6. Core Member of Project Advisory Committee for Scientific and useful Profound Research Advancement (SUPRA), Science and Engineering Research Board (SERB), Dept. of Science and Technology (DST), Govt. of India: 2022-2024
7. Member of Technical Expert Committee for Biomedical Engineering and Stem Cells, Department of Biotechnology, Govt. of India: June 2022 – Till Date
8. Member of Executive Committee of Indian Association for Haemophilia and Allied Disorder (IAHAD): Feb 2022 – Till Date
9. Member of the Research Area Panels (RAP) / Scientific Advisory Committee (SAC) of the National Institute of Immunology: Oct 2021- to date
10. Member of the Project Advisory Committee of the Biomedical and Health Sciences, SERB, DST, Govt. of India, 2019 to date

11. Member of the Technical Evaluation Committee of Stem Cell and Regenerative Medicine, Dept of Biotechnology (DBT), Govt. of India, 2018 to date
12. Member of the Medical Sciences Research Committee, HRD Group, CSIR, Govt. of India, ND, 2018 to date
13. Member of the Technical Evaluation Committee under the Scheme of Human Resource Development for Health Research, Dept of Health Research (DHR), Ministry of Health and Family Welfare, Govt. of India, 2015-2018.
14. Member of the DBT-UGC Task Force on Human Resource Development, Govt. of India, 2006-2009.
15. Member of the Task Force on Stem Cell and Regenerative Medicine, Dept of Biotechnology (DBT), Govt. of India, 2006 to 2012.
16. Member of the Research Area Panel-Scientific Advisory Committee (RAP-SAC), National Center for Cell Sciences, Pune, 2007-2012.
17. Member of the Scientific Advisory Committee for Stem Cell Research Facility, PGIMER, Chandigarh, 2006-2009.
18. Member of the Scientific Advisory Committee for Center for Stem Cell Research, CMC, Vellore, 2009-2012.
19. Co-Chairman, Institutional Committee for Stem Cell Research, King George Medical University, Lucknow, 2019.
20. Member, Institutional Committee for Stem Cell Research, King George Medical University, Lucknow, 2012 to 2019.
21. Member, Institutional Committee for Stem Cell Research, ILBS, New Delhi, 2012-2017.
22. Member-Secretary, Institutional Committee for Stem Cell Research, SGPGI, Lucknow 2013-2018.
23. Member, Institutional Committee for Stem Cell Research, ERA University, Lucknow, 2018-to date.
24. Member, Research Committee, SGPGI, Lucknow, 2014 to 2020.

MEMBER OF NOTEWORTHY NATIONAL COMMITTEES

High level Selection Committee:

1. Member of the Selection Committee for appointment of Director, Institute of Stem Cell Science and Regenerative Medicine (inSTEM), DBT Institute, Bangalore, 2019.
2. Member of the Selection Committee for appointment of Director, Govt. Medical Institute, Greater Noida, UP, 2018
3. Member of the Selection Committee for appointment of Director, Child PGI, Greater Noida, UP, 2024.
4. Member of the Selection Committee for appointment of Vice Chancellor, Uttar Pradesh University of Medical Sciences, Saifai, Etawah, Uttar Pradesh, 2025.

Institute Body

1. Member, Institute Body, Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow, Nov 2019 to 2024.
2. Member-Secretary, Institute Body, SGPGIMS, Lucknow, Dec 22, 2018 to 2021.

Governing Body/Executive Council:

1. Member Governing Body. Institute of Stem Cell Science and Regenerative Medicine (inSTEM), DBT Institute, Bangalore, 2019-2024
2. Member Governing Body, National Institute of Immunology, New Delhi, Oct 2021- till date.

3. Member Governing Body, Atal Bihari Vajpayee University, Lucknow, 2020-2023
4. Member Secretary, Governing Body, SGPGIMS, Lucknow, Dec 22, 2018 to 2021
5. Member, Governing Body, SGPGIMS, Lucknow, 29.12.2017 till 29.12.2020.

MEMBERSHIP OF SOCIETIES

- American Society of Hematology
- American Association for Advancement of Science
- Indian Society of Hematology and Transfusion Medicine
- Indian Immunology Society

RESEARCH PROJECTS:

1. Principal Investigator: “Development of indigenous CAR T-cell therapy with enhanced efficacy and safety.” by DBT, Govt. of India, New Delhi, 2023-2025, **Rs 74, 74,040. (Sanctioned No. BT/PR40684/MED/31/442/2030)**
2. Principal Investigator: “To compare the immunogenicity of tetravalent human papillomavirus vaccine in adolescent girls with and without booster dose at 12th month of initial vaccination.” Intra Mural Grant from Dr. RMLIMS, Lucknow, 2023-2026, **Rs 5,02,429. (Sanctioned No. IEC No. 175/22)**
3. Principal Investigator: “Deciphering the role of Bone Marrow Mesenchymal Stem Cell derived Exosomes in the Pathobiology of Aplastic anemia”, by DBT, Govt. of India, New Delhi, 2019-2022, **Rs 62, 40,000. (Sanctioned No. BT/PR31421/MED/31/407/2019)**
4. Principal Investigator: “Evaluation of cardiomyogenic potential of Ckit+ human amniotic fluid mesenchymal stem cells”, by Science and Engineering Board, Dept of Science and Technology, Govt of India, New Delhi, 2019-2022, **Rs 49,59,360. (Sanctioned No. CRG/2018/003639)**
5. Principal Investigator: “Evaluation of the prevalence of Invasive Aspergillosis and optimal duration of Anti-fungal Therapy in Acute Leukemia patients using Quantitative Galactomannan Antigen and *Aspergillus* DNA Assays” Intra-mural grant by SGPGIMS, Lucknow, 2019-2021, **Rs 5,00, 000. (Sanctioned No. A-11-PGI/IMP/79/2018)**
6. Principal Investigator- “Effect of Aplastic Anemia Bone Marrow Mesenchymal Stem Cell derived Extracellular Vesicles on Hematopoietic Stem Cells”, Intra-mural grant by SGPGIMS, Lucknow, 2018-2020, **Rs 5,00,000. (Sanctioned No. A-14-PGI/IMP/76/2018)**
7. Principal Investigator: “Evaluation of renogenic properties of amniotic fluid stem cells and their therapeutic efficacy in acute renal failure”, by Dept. of Biotechnology (DBT), Govt. of India, New Delhi, 2017- 2019, **Rs 39,00,000. (Sanctioned No. BT/PR16863/MED/31/338/2016)**
8. Principal Investigator: “Molecular characteristics including Ikaros 6 isoform expression in Indian acute lymphoblastic leukemia patients Project by SGPGI, Lucknow, 2016-2018 ,**Rs 4,90,000. (Sanctioned No. A-05-PGI/IMP/70/2016)**
9. Principal Investigator: “Evaluation of hematopoiesis regulatory molecules in bone marrow mesenchymal stem cells of patients with aplastic anemia”, Intramural Project by SGPGI, Lucknow, 2015-2017, **Rs 300,000. (Sanctioned No. A-23-PGI/IMP/64/2014)**

10. Principal Investigator: “Mesenchymal stem cells in myocardial infarction, stroke, renal failure and diabetes: Program Support Project, granted under establishment of “Specialized Center for Cell-based Therapy”, by Dept. of Biotechnology (DBT), Govt. of India, New Delhi, 2005-2014, **Rs 41,679,700. (Sanctioned No. BT/PR6519/MED/14/826/2005)**
11. Co-Investigator: “Safety and Efficacy of Autologous Stem Cells in Prevention of Amputation in Patients with Chronic Critical Limb Ischemia”, DBT, Govt. of India, New Delhi, 2009-2013, **Rs 6,282,600.**
12. Principal Investigator: Indo Denmark bilateral collaboration entitled, “Characterization of different sub-populations of human Mesenchymal stem cells and evaluation of their therapeutic efficacy in myocardial regeneration” DBT, Govt. of India, New Delhi, 2007-2013, **Rs. 25,301,000. (Sanctioned No. BT/IN/DENMARK/21/SN/2006).**
13. Co-Investigator: “Intravenous Autologous Bone Marrow - Derived Stem Cell Therapy for Patients with Acute Ischemic Stroke”, DBT, Govt. of India, New Delhi, 2008-2011, **Rs 41,36,500.**
14. Principal Investigator – “Efficacy of stem cells in improvement of left ventricular function in patients with acute myocardial infarction”, DBT, Govt. of India, New Delhi, 2007-2011, **Rs. 5,529,600. (Sanctioned No. BT/PR6790/MED/14/876/2005)**
15. Principal Investigator- “Stem cells for regenerative medicine: Isolation of Multipotent adult progenitor cells and their clonal expansion and differentiation into cardiomyocytes, hepatocytes and islet cells, DBT, Govt. of India, New Delhi, 2005-2011, **Rs 44,56,000. (Sanctioned No. BT/PR6303/MED/14/776/2005)**
16. Principal Investigator – “Role of $\alpha\beta$ and $\gamma\delta$ T-cells in Takayasu’s arteritis”, ICMR, Govt. of India, New Delhi, 2003-2006, **Rs 17,00,000. (Sanctioned No. 61/2/2001-BMS)**
17. Principal Investigator- “Anti- endothelial cell antibodies (AECA) in Takayasu’s Arteritis; antigenic targets, pathogenicity and specificity”, UPCST, UP Govt., Lucknow, India, 2001-2004, **Rs 5,00,000.**
18. Principal Investigator- “A study of the mechanism of induction of apoptosis by ALG”, Intra Mural Grant from SGPGIMS, Lucknow, India, 2000-2001, **Rs 1,25, 000/- (Sanctioned No. C-11-PGI/IMP/44/2000)**
19. Principal Investigator – “Phase III Randomized Multicentre Comparative Study of Peg interferon $\alpha 2a$ vs Roferon-A for the treatment of Patients with Recently Diagnosed Chronic Phase Chronic Myeloid Leukemia (CML) not Previously Treated with Interferon”, Sponsored by Hoffman-La Roche Inc, Conducted by Quintiles (CRO), 2001-2003, **Rs 15,00,000. (Sanctioned No. PGI/DIR/RC/2930/2000)**
20. Principal Investigator – Does Anti-lymphocyte globulin produce its therapeutic action in aplastic anemia by inducing an apoptosis of lymphocytes”, Intra Mural Grant from SGPGI, Lucknow, India, 1999 – 2000, **Rs 1,25,000. (Sanctioned No. PGI/DIR/RC/40/770/1999)**
21. Principal Investigator – “A study of expanded populations of T lymphocytes in Wegener’s granulomatosis (WG) and Takayasu’s arteritis (TA)”, KI Fond, Karolinska Institute, Stockholm, Sweden, 1998 – 1999, **SEK 1,00,000.**
22. Principal Investigator – “Immunological basis of aplastic anemia”, Indian National Science Academy, New Delhi, India, 1998 –2001, **Rs 5,00,000.**

23. Principal Investigator: “Immunopathogenic mechanisms in Wegener’s Granulomatosis and Takayasu’s arteritis, King Gustav the Vs 80 Years Fond, Stockholm, Sweden, 1998 –2000, **SEK 1,00,000.**
24. Principal Investigator: “Characterization of antibodies to endothelial cells of different origins” Intra Mural Grant from SGPGI, Lucknow, India, 1997 –1998, **Rs 1,50,000. (Sanctioned No. PGI/DIR/RC/34/369/1997)**
25. Co-investigator: “Immune mechanisms in premature myocardial infarction and stroke”, King Gustav the Vs. 80 years Fond, Stockholm, Sweden, 1996 – 1998, **SEK 1,00,000.**
26. Principal Investigator – “Anti-endothelial cell antibodies – Prevalence and antigenic determinants”, Intra Mural Grant from SGPGIMS, Lucknow, India, 1994 – 1996, **Rs 1,00,000. (Sanctioned No. PGI/DIR/RC/27/4410/1994)**

COMMUNITY HEALTH PROJECTS:

1. “Strategies for Early Detection and Counseling of Thalassemia Carriers”: Sanctioned by National Health Mission, Govt. of India, **Rs 29, 05, 000/-.**
2. Strategies Towards Early Diagnosis and Improving Treatment Adherence in Thalassemia: Sanctioned by National Health Mission, Govt. of India, **Rs 90,00,000/-**
3. “Strategies Towards Comprehensive Hemophilia Care Services in Uttar Pradesh” Sanctioned by National Health Mission, Govt. of India, **Rs 1,02,10,000/-**

PUBLICATIONS

Dissertations

1. Internal Medicine specialization (MD) thesis: "Platelet Structure and Function Studies in Essential Hypertension", Lucknow University, India, 1989.
2. Ph.D. thesis: "Immune Mechanisms in Vasculopathies", Karolinska Institute, Stockholm, Sweden, 1996. International Publication Number-ISBN 91-628-228

Published Research Papers

153. Chandra D, Singh MK, Gupta R, Rahman K, Sanjeev, Kumar R, Tripathy NK, **Nityanand S** and Kashyap R. Prevalence of KIR-B Haplotype and KIR Alloreactivity in Donors of Haploidentical Hematopoietic Cell Transplantation: A Single Center Study from India. Indian J Hematol Blood Transfus, 27 January 2025, <https://doi.org/10.1007/s12288-025-01962-8>
152. Rai P, **Nityanand S**, Singh A, Singh SK, Singh N, Singh AK, and Singh D. Role of centchroman in regression of fibroadenoma: A 2-arm randomized control trial. Clinics. Dec 26 2024, 80:100567. doi: 10.1016/j.clinsp.2024.100567.
151. Saxena SK, Ansari S, Maurya VK, Kumar S, Sharma D, Malhotra HS, Tiwari S, Srivastava C, Paweska JT, Abdel-Moneim AS, **Nityanand S**. Neprilysin-Mediated Amyloid Beta Clearance and Its Therapeutic Implications in Neurodegenerative Disorders. Sep 24, 2024;7(12):3645-3657. doi: 10.1021/acspsci.4c00400.

150. Srivastava J, Kundal K, Rai B, Saxena P, Katiyar S, Tripathy N, Yadav S, Gupta R, Kumar R, **Nityanand S**, Chaturvedi CP. Global microRNA profiling of bone marrow-MSC derived extracellular vesicles identifies miRNAs associated with hematopoietic dysfunction in aplastic anemia. 2024 Aug 23;14 (1):19654. doi: 10.1038/s41598-024-70369-8.
149. Rahman K, Biswas S, Sharma A, Gupta K, Chandra D, Singh MK, Gupta R, Mishra A, Kumar S, Gupta A, Hasan F, **Nityanand S**, Kahsyap R. Prevalence and clinicopathological features of driver gene mutations profile in BCR:ABL1 negative classical myeloproliferative neoplasm-A single-center study from North India. 2024 Oct 1;67 (4):739-746. doi: 10.4103/ijpm.ijpm_743_23.
148. Saxena P, Srivastava J, Rai B, Tripathy NK, Raza S, Sinha RA, Gupta R, Yadav S, **Nityanand S**, Chaturvedi CP. Elevated senescence in the bone marrow mesenchymal stem cells of acquired aplastic anemia patients: A possible implication of DNA damage responses and telomere attrition. 2024 Mar;1870(3):167025. doi: 10.1016/j.bbadis.2024.167025. Epub 2024 Jan 17.
147. Srivastava J, Trivedi R, Saxena P, Yadav S, Gupta R, **Nityanand S**, Kumar D, Chaturvedi CP. Bone marrow plasma metabonomics of idiopathic acquired aplastic anemia patients using 1H nuclear magnetic resonance spectroscopy. 2023 Nov 17;19(12):94. doi: 10.1007/s11306-023-02056-0.
146. Nair R, Bhat GM, Agrawal N, Sengar M, Malhotra P, **Nityanand S**, Lele C, Reddy P, Kankanwadi S, Maharaj N. Real-world outcomes of diffuse large B-cell lymphoma in the biosimilar era. 2023 Oct 3;13:1248723. doi: 10.3389/fonc.2023.1248723.
145. Shobhita Katiyar, Arunim Shah, Khaliqur Rahman, Naresh Kumar Tripathy, Rajesh Kashyap, **Soniya Nityanand**, Chandra Prakash Chaturvedi Analysis of Immunophenotypic Changes during Ex Vivo Human Erythropoiesis and Its Application in the Study of Normal and Defective Erythropoiesis Cells. 2023 May; 12(9): 1303. Published online 2023 May 2. doi: 10.3390/cells12091303
144. Zia Hashim, Zafar Neyaz, Rungmei S.K. Marak, Alok Nath, **Soniya Nityanand**, Naresh K. Tripathy. Practice Guidelines for the Diagnosis of Covid-19 associated Pulmonary Aspergillosis in an intensive care setting. J Intensive Care Med. 2022 Aug; 37(8): 985–997. doi: 10.1177/08850666211047166
143. Jain M, Singh N, Fatima R, Nachanekar A, Pradhan M, **Nityanand S**, Chaturvedi CP. (2023) Amniotic Fluid Mesenchymal Stromal Cells Derived from Fetuses with Isolated Cardiac Defects Exhibit Decreased Proliferation and Cardiomyogenic Potential. *Biology (Basel)*. 2023 Apr 5;12(4):552. doi: 10.3390/biology12040552
142. J. Srivastava, P. Saxena, N. Tripathy, S. Nityanand, C. P. Chaturvedi. p803 telomerase shortening in bone marrow mesenchymal stem cells of acquired aplastic anemia patients with altered expression of genes involved in telomere maintenance DNA damage and senescence. *Hemasphere*. 2022 Jun; 6(Suppl): 697-698. Published online 2022 Jun 23. doi: 10.1097/01.HS9.0000846096.54525.96. (No. of Citations: 18)

141. Srivastava J, Katiyar S, Chaturvedi CP, Nityanand S. Extracellular vesicles from bone marrow mesenchymal stromal cells of severe aplastic anemia patients attenuate hematopoietic functions of CD34⁺ hematopoietic stem and progenitor cells. *Cell Biol Int*. 2022 Nov;46(11):1970-1976. doi: 10.1002/cbin.11885. Epub 2022 Aug 23
140. Hashim Z, Neyaz Z, Marak RSK, Nath A, **Nityanand S**, Tripathy NK. Practice Guidelines for the Diagnosis of COVID-19-Associated Pulmonary Aspergillosis in an Intensive Care Setting. *J Intensive Care Med*. 2021 Oct 22;8850666211047166. doi: 10.1177/08850666211047166. Online ahead of print. PMID: 34678103
139. Gupta A, Desai N, Sanjeev, Chauhan P, **Nityanand S**, Hashim Z, Gupta M. Clinical profile and outcome of COVID-19 in haematological malignancies: experience from tertiary care centre in India. *Ann Hematol*. 2021 Sep 24;1-11. doi: 10.1007/s00277-021-04644-3. Online ahead of print. PMID: 34559278
138. Chauhan P, Gupta A, Mandelia A, Yadav S, Rahman K, **Nityanand S**. Clinical profile, outcome and challenges in the management of pediatric Burkitt lymphoma: a single center experience..*Pediatr Hematol Oncol*. 2021 May; 38(4):305-318. doi: 10.1080/08880018.2020.1865493. Epub 2021 Mar 1.PMID: 33646922
137. Ghoshal U, Kalra SK, Tejan N, Ranjan P, Dey A, **Nityanand S**. Prevalence and Genetic Characterization of Cryptosporidium and Microsporidia Infecting Hematological Malignancy Patients. *Acta Parasitol*. 2021 Jun; 66(2):508-516. doi: 10.1007/s11686-020-00307-x. Epub 2020 Nov 13.PMID: 33188485
136. Hasan F, Gupta A, Chandra D, **Nityanand S**. Congenital ADAMTS-13 deficiency presenting as life-threatening thrombosis during pregnancy..*BMJ Case Rep*. 2021 Aug 11; 14(8):e239901. doi: 10.1136/bcr-2020-239901.PMID: 34380671.
135. Paswan V, Chandra D, Gupta R, Qayoom S, **Nityanand S**. Indian J Hematol Blood Transfus. Unusual Visitor in Bone Marrow-Metastatic Malignant Melanoma. 2021 Apr; 37(2):342-343. doi: 10.1007/s12288-020-01364-y. Epub 2020 Oct 10.PMID: 33867748
134. Kumar S, Sanjeev, Rahman K, Singh MK, Chandra D, Gupta A, Gupta R, Kashyap R, **Nityanand S** Waldenström Macroglobulinemia: Clinicopathological Profile and Treatment Outcomes of Patients from a Tertiary Care Centre of North India.. *Indian J Hematol Blood Transfus*. 2021 Jul;37(3):386-390. doi: 10.1007/s12288-020-01382-w. Epub 2020 Nov 22.PMID: 34267456
133. Chandra D, Singh MK, Gupta R, Rahman K, Yadav DD, Sarkar MK, Gupta A, Yadav S, Kashyap R, **Nityanand S**. Clinicopathological and immunophenotypic features of early T cell precursor acute lymphoblastic leukaemia: A flow cytometry score for the initial diagnosis. *Int J Lab Hematol*. 2021 Dec; 43(6):1417-1423. doi: 10.1111/ijlh.13621. Epub 2021 Jun 11.PMID: 34115925

132. Rahman K, Gupta T, Chandra D, Gupta R, Singh MK, Sarkar M, Sanjeev, **Nityanand S**. Hepatosplenic T cell Lymphoma diagnosed using flow Cytometry. A single centre study of 12 cases from North India. *J Can Res Ther* 2020. Accepted. AOP
130. Gupta R, Yadav S, Mittal N, Rahman K, Sharma A, Gupta A, **Nityanand S**. Clinico-pathological spectrum of Hairy cell leukemia: a single center study with brief review of Indian Literature. *J Can Res Ther* 2020; 16:120-126. doi: 10.4103/jcrt.JCRT_920_17.
129. Singh P, Chandra D, Gupta R, Rahman K, Sharma A, Gupta A, **Nityanand S**. Circulating Micromegakaryocytes; Challenges and Clues to Diagnosis. *Indian J Hematol Blood Transfus.* 2020 Apr;36 (2):411-413. doi: 10.1007/s12288-019-01201-x. Epub 2019 Oct 8.
128. Chauhan P, Gupta A, Kumar S, Bishnu A, **Nityanand S**. Palmar-plantar erythrodysesthesia associated with high-dose methotrexate: Case report. *Cancer Rep (Hoboken)*.2020 Oct;3(5):e1270.doi: 10.1002/cnr2.1270. Epub 2020 Aug 7.
127. Rahman K, Chandra D, Singh MK, Gupta R, Sharma A, Paul P, Kumar S, Sharma S, **Nityanand S**. Mutant specific anti calreticulin antibody (CAL2) immunohistochemistry as a screening test for calreticulin (CALR) mutation testing. *Int J Lab Hematol.* 2020 Oct;42(5):604-611. doi: 10.1111/ijlh.13242. Epub 2020 May 28.PMID: 32463176
126. Mittal N, Gupta R, Rahman K, Sing P, Panda I, and **Nityanand S**. A case of paraneoplastic hyper leukocytosis closely mimicking chronic neutrophilic leukemia. *J Cancer Res Ther*, 2020, 16:186-188.
125. Rahman K, Singh MK, Gupta R, Dutta S, **Nityanand S**. De novo Philadelphia chromosome positive myelodysplastic syndrome: Report of two cases with brief literature review. *J Cancer Res Ther*, 2020; 16: 173-176.
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6. Agarwal R, Shahi H, Naik S, Naik SR, **Nityanand S**, Deka N, Batra JK. Fulminant hepatic failure with hepatitis E virus. *J Hepatol*, 1994, 21(6): 1156-1157.
5. **Nityanand S**, Pande I, Bajpai VK, Singh L, Chandra M, Singh BN. Platelets in essential hypertension. *Thromb Res*, 1993, 72:447-454.
4. **Nityanand S**, Singh VK, Shinohara T, Paul AK, Singh V, Agarwal PK, Agarwal SS. Cellular immune response of patients with uveitis to peptide M, a retinal S-antigen fragment. *J Clin Immunology*, 1993, 13:352-538.
3. Das SK, **Nityanand S**, Sood K, Agarwal A, Kapoor R, Pant MC, Singh BN. Japanese B encephalitis with neurocysticercosis. *J Assoc Phys India*, 1991, 39(8), 643-644.
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Book Chapter

1. Tripathy NK, **Nityanand S**. “Regenerative Medicine”. Association of Physicians of India (API) Textbook of Medicine, 11th Edition, 2019.
2. **Nityanand S**. “Bone marrow derived stem cells stem cells beyond hematopoietic reconstitution” in Monograph of XI Annual Ranbaxy Science Foundation Symposium on “Stem Cell Research: From Bench to Bedside”, 2005.
3. **Nityanand S**. “Aplastic Anemia-Immune modulation” in Monograph of VIII Ranbaxy Science Foundation Symposium on “Advances in Hematopoietic Stem Cell Transplantation”, 2000.

INVITED LECTURES/TALKS

1. Invited talk on “Allogeneic Transplant in Aplastic Anemia- Recent Advances” in the 2nd Annual Conference of the Uttar Pradesh Hematology Group (UPHGCON), Kanpur, May 10-11, 2025.
2. Invited talk on “Stem Cell Therapy: Its potential applications” in the 2nd Global Trends in Health Technology and Management (GTHTM-2025), Jim Corbett National Park, Uttarakhand, Feb 15-17, 2025.
3. Invited talk on “IST including TPO - RA in Aplastic Anemia in Indian sitting”, National Hematology Update XIII, AIIMS, New Delhi, Jan 31-Feb 02, 2025.
4. Invited talk on “Diagnosis of invasive fungal infections challenges and recent developments”, in the 48th Annual Conference of Mumbai Hematology Group & Essence of ASH 2024, Mumbai, Jan 24-26, 2025
5. Invited talk on “Stem cell therapy its potential applications”, in the Georgian Academic Alumni Meet, Foundation Day, KGMU, Lucknow, Dec 21, 2024
6. Invited talk on “ Achievements in maternal anemia reduction, reflecting on the vision, key interventions and recommendations for an anemia-free India”, in National Conclave on Anemia Reduction, Organized by Department of Critical Care Medicine, King George’s Medical University, Lucknow, Uttar Pradesh, India, in association with Society of Precision Medicine & Intensive Care (PMIC), Bharat & Federation of Obstetrics and Gynaecological Society of India (FOGSI), Dec 06, 2024, Lucknow.
7. Invited talk on “Role of Academic Institutes in shaping up future health systems” in the 8th Global Symposium on Health Systems Research, organized under the aegis of Health Systems Global by the University of Nagasaki and Japan International Cooperation Agency (JICA) Nagasaki, Japan, Nov 18-22, 2024.
8. Invited talk on “Stem Cell Research and Therapy”, The University of Tokyo, Tokyo, Nov 20, 2024
9. Invited talk on “Centchroman: The wonder drug, role in Oncology” in The 12th Annual Meeting of the Association of Breast Surgeons of India, Lucknow, August 2-4, 2024.
10. Panelist for a discussion on “Way Forward: Mobilizing the academic sector for advancing global health equity” in the International Conference on The role of academia in advancing global health, organised by the University of Manitoba, Winnipeg, Manitoba, Canada, June 26-27, 2024.
11. Invited talk on “Centchroman to Chaya: A Non-Steroidal Oral Contraceptive” in Global Trends in Health Technology and Management (GTHTM-2024), Dehradun, 15-17th March, 2024.

12. Invited talk on “Potential of Stem Cells in Medical Science”, in the Silver Jubilee (25th) Indo-US Flow Cytometry Workshop on Flow Cytometry and its applications in Biological Sciences and Clinical Diagnostics, KGMU, Lucknow, Feb 07, 2024.
13. Invited talk on “Thalassemia: A new era of treatment and hope” in the Annual Thalassemia Update, KGMU, Lucknow, Nov 04, 2023.
14. Invited talk on “Potential of Stem Cell Research in Medical Sciences”, 3rd Research Day, SGPGIMS, Lucknow, Dec 13, 2022
15. Invited talk on “CSIR Inspiring my journey in science”, on the 81st Foundation Day of CSIR, IITR, Lucknow, Sept 28, 2022.
16. Invited Lecture on “New Directions in Treating Peripheral T-Cell and NK T cell Lymphomas: Expert Guidance and Case based Discussions, in the 19th Annual International Conference “RGCON 2020”, New Delhi
17. Invited Lecture on “Bone Health in Multiple Myeloma” in the 3rd Master Class of Mentors Led Certification Program in Multiple Myeloma (Myelokraft), a joint initiative between experts from Mayo Clinic and Wilhelminen Cancer Research Institute, USA, Jan 11 2020.
18. Invited Lecture on “Indian Perspective in the management of severe aplastic anemia”, in International Speaker Program, Organized by SGPGIMS and Novartis India Ltd, Lucknow, Feb 07, 2019.
19. Invited lecture on “Impact of Immuno Oncology in the practice of Clinical Hematology”, In Sun Pharma Science Foundation’s International Symposium “Advances in Immunomics and Immune-Oncology”, New Delhi Jan 30, 2019.
20. Case Presentation “Sorry I cannot hear. Do I have CML?” In Best of ASH, Mumbai, Jan 25-27, 2019
21. Lecture on “Management of Aplastic Anemia in 2018”, in the 3rd Young Hematologists Orientation Program, Organized by Dept of Hematology, SGPGIMS, Lucknow, Aug 18-19, 2018.
22. Lecture on “Non-Transplant options in aplastic anemia”, 59th Annual Conference of Indian Society of Hematology and Blood Transfusion, Kochi, India, Oct 25-28, 2018.
23. Invited talk on “Bone Marrow Transplantation and Thalassemia” in SAARC countries workshop on “Prevention and Management of Haemoglobinopathies and Hemophilia” on 1st and 2nd February 2018, Bangalore.
24. Invited talk on “Genetic basis of monoclonal gammopathies” in the 58th Annual Conference of the Indian Society of the Hematology & Blood Transfusion (ISHBT) – Haematocon, Guwahati, Nov 3-5, 2017
25. Invited talk on “Mesenchymal Stem Cells from Bench to Bedside”, in the 6th National Conference of Indian Society of Transfusion Medicine, KGMU, Nov 3-5, 2017.
26. Invited talk on “Role of Bone Marrow Transplantation in Thalassemia and future prospects on the occasion of the World Thalassemia Day, SGPGI, Lucknow, May 09, 2017.
27. Invited talk on “Stem Cell Therapy: Promises and Challenges”, All India Institute of Speech and Hearing, Mysuru, March 21, 2017
28. Invited talk on “Best Practices in Transfusion Therapy”, in PRIMEDICON 2017, Lakhimpur Kheri, Feb 13, 2017
29. Invited talk on “Ibrutinib in Mantle Cell Lymphoma” in the First Indian B Cell Malignancies Conclave, Mumbai, Oct 23, 2016.
30. Data presentation on “Clinical profile and treatment outcome of multiple myeloma in a tertiary care centre of North India”, Myeloma State of the Art Meeting, PGI Chandigarh, Sept 30-Oct 01, 2016

31. Invited talk on “Science in Clinical Hematology”, in the First Young Hematologists Orientation Program, SGPGI, Aug 28-29, 2016
32. Invited talk on “Choosing TKI as first line therapy in CML”, in Hematology Update, KGMU, Aug 20, 2016
33. Invited talk on “Standard treatment of lower risk of MDS-Where do we stand?”, in a National MDS Update, Hyderabad, June 25, 2016
34. Invited talk on “Research Institute in a Cancer Center: Indian Perspective”, 1ST Indo (NCI,AIIMS) –US(NCI,NIH) Conference on Translational Research on India Centric Cancers, Dr Ramalingaswami Board room , AIIMS, New Delhi, March 01, 2016.
35. Invited talk on “Role of erythropoiesis stimulating agents in treatment of cancer patients”, CME organized by Command Hospital, Lucknow, Feb 20, 2016
36. Self assessment case : “Management of an elderly intermediate risk AML patient with several medical co-morbidities”, 2nd ISHBT-EHA Tutorial on Myeloid Malignancies and Multiple Myeloma, Mumbai, 29-31 Jan 2016.
37. JR Srivastava Oration of the Indian Academy of Pediatrics: “Stem Cell Therapy-Promises and challenges”, Kanpur, Dec 13, 2015
38. Invited talk on “Evaluation and management of spine pain”, in the 4th International Conference on Pain Management, SGPGI, Lucknow, Nov 7-9, 2015
39. Invited talk on “Promises of Granulocytes transfusions in neutropenic patients: recommendations and experience”, 55th Annual Meeting of the Indian Society of Hematology and Blood Transfusion, Hyderabad, Nov 6-8, 2014.
40. Invited talk on “ Stem cell research and its worldwide growing industries”, in the National Conference on Bioengineering and Biotechnology: An Industrial Perspective, Amity University, Lucknow, Oct 16-17, 2014
41. Invited talk on “Therapeutic Efficacy of Mesenchymal Stem Cell Therapy and Mechanism of Action”, in the 20th Annual Symposium of the Ranbaxy Science Foundation on “Regenerative Medicine- Current and Future Perspectives”, jointly organized by the Ranbaxy Research Science Foundation and Institute for Liver and Biliary Diseases, NII, New Delhi, March 22, 2014.
42. Invited talk on “Update on Anemia”, in API-DIAS (Dissemination of updated information through API speakers), organized by API Lucknow branch, Dec 1, 2013.
43. Invited talk on “Stem Cell Research and Therapy”, in a National Conference on Women Power in Cutting Edge Biotechnology, Oct 17-18, 2013, Amity University, Lucknow.
44. Invited talk on “Flow Cytometry in haematological malignancies”, in Multiparametric Flow Cytometry in Hematological Disorders, Dept of Hematology, SGPGIMS, Lucknow and The Cytometry Society of India, Sept 22-22, 2013.
45. Invited talk on “Granulocyte transfusions in HSCT/BMT patients: SGPGI Experience”, in Lucknow Hematology and Transfusion Medicine Group Academic Meeting, held on Aug 3, 2013, Sahara Hospital Lucknow.
46. Invited talk on “Stem Cell Research and Therapy”, in a Workshop on “Defining Role of Women Scientists and Teachers in Promotion and Application of Science and Technology- Northeast India Perspectives”, Organised by NASI North-East Region Local Chapter, Shillong in collaboration with Lady Keane College, Shillong, May 8-9, 2013.
47. Plenary lecture on “Stem Cells in Childhood Developmental Disability-Myth or Reality”, in the International Conference on Cerebral Palsy and Developmental Medicine, Scientific Convention Centre, Lucknow, March 8-10, 2013

48. Invited talk on "Fetal mesenchymal stem cells and their potential role in the management of liver diseases". *Indo-German workshop on Regenerative Medicine in Liver Disease*, ILBS, New Delhi, 14th to 16th February, 2013.
49. Participated as a faculty and gave an Invited lecture on " Stem Cell Research and Therapy", in the "Innovation of Science Pursuit for Inspire Research (INSPIRE)" Internship Program of DST, Govt. of India, held at the Amity University, Lucknow Campus, Jan 21, 2013.
50. Invited talk on "Management of Febrile Neutropenia", in the 53rd Annual Conference of Hematology and Blood Transfusion (ISHBT), Nov 9th to 11th, 2012, Puri, Odisha.
51. Invited talk on " Stem Cell Research and Therapy", in a National Seminar on Stem Cell An emerging HealthCare Frontier, at Rajiv Gandhi Institute of Information Technology Amethi, August 20-21 2012.
52. Invited talk on " Stem Cell Research and Therapy", in a National Seminar on Stem Cell An emerging HealthCare Frontier, at Rajiv Gandhi Institute of Information Technology Amethi, August 20-21 2012.
53. Invited talk on "Follicular Lymphoma-Optimal Management" in a CME on "New Concepts in Management of Non-Hodgkin's Lymphoma" organized jointly by Reddy's Lab and Sahara Hospital, Lucknow, May 13, 2012.
54. Invited talk on "Hemophilia and related blood disorders", on occasion of World Hemophilia Day, Doordarshan, FM Rainbow, Lucknow, April 18, 2012.
55. Invited talk on "Hypomethylating Agents: An Update", National Hematology Update-IX, AIIMS, New Delhi, April 6-8, 2012.
56. "Serum Free Light Chain Assay: Clinical Utility", Hematology Nephrology Meet, Organised by Panacea Biotech, June, 2011.
57. "Mesenchymal stem cells: Biology and Potential Therapeutic Application", Organised by Lucknow Hematology Group, Sahara Hospital, Lucknow, Feb, 2011
58. "Fetal Mesenchymal Stem Cells: A New and Promising Area in Stem Cell Research", in a Symposium on Emerging Trends in Cell Biology, School of Biological Sciences & Biotechnology, Indian Institute of Advanced Research, Gandhinagar, Gujarat -382007, April 27-28, 2010.
59. "Problem areas in the management of Acute Promyelocytic Leukemia" Golden Jubilee Conference, Indian Society of Hematology & Transfusion Medicine, AIIMS, New Delhi, Nov 19-22, 2009.
60. "Excitement about mesenchymal stem cells", Platinum Jubilee Meeting-I, Indian Academy of Sciences, July 2-4, Hyderabad, 2009.
61. Moderator for a panel discussion on "Hepatitis B and Hepatitis C in special groups" in Update on Hepatitis B and Hepatitis C in Children, SGPGIMS, Lucknow April 27, 2008.
62. "Aplastic Anemia: Issues in management" in National Hematology Update VII, AIIMS, New Delhi 23-24 Feb. 2008.
63. "Quantization of CD34 Stem Cells by Flow Cytometry" in the First Annual Meeting of the Cytometry Society and the Eight Indo-US Cytometry Workshop, SGPGIMS, Lucknow, 17-22 Dec. 2007.
64. "Bone Marrow Derive Stem Cells: Promises they hold" in 77th Annual Session of the National Academy of Sciences, India, CFTRI, Mysore, Dec. 6 - 7, 2007.
65. "Stem Cell Research at SGPGIMS, Lucknow" in 39th Annual Conference of Society of Nuclear Medicine, India & CME International Symposium on Molecular Imaging, Department of Nuclear Medicine, SGPGIMS, Lucknow, 6 - 9 Dec. 2007.
66. "Etiopathogenesis and management of Aplastic anemia: What is new?" in 48th Annual Conference of Indian Society of Hematology & Transfusion Medicine (ISHTM 2007), CSM Medical University, Lucknow, 15th – 17th November 2007.

67. "Immunomodulation in Aplastic Anemia: What is new?" In XIII National CME in Haematology and Haemato-Oncology, Jan 4-7, 2007, Mumbai.
68. "Takayasu Vasculitis: Immunopathogenesis" in 22nd Annual Conference of Indian Rheumatology Association, Lucknow Nov. 23-26, 2006.
69. "Allogeneic Stem Cell Transplantation in Aplastic Anemia" in National CME on Stem Cell Transplantation, Research & Referral Hospital, New Delhi, Sept. 30 to Oct. 1, 2006.
70. "Immunomodulation in aplastic anemia" in Ist Annual Conference of UP Chapter of Indian Society of Hematology and Transfusion medicine, Institute of medical Sciences, BHU, Varanasi, Aug. 26-27, 2006.
71. "Stem Cell Therapy and Research" in a 01 course of SGPGI, Lucknow 2nd April 06.
72. "Imatinib versus BMT in a young patient of CML" in National Hematology Update – V, AIIMS, New Delhi Feb 25-26, 2006.
73. "Mesenchymal stem cells and cardiac regeneration" in Indo-Danish Stem cell workshop, National Center for Biological Sciences, Bangalore, Feb 21-22, 2006.
74. "Endothelial damage in diabetes mellitus and Takayasu's arteritis", and "Stem Cell therapy for neovascularization and cardiac regeneration", in a workshop of the Indo-Italian group on Chronic Diseases Biology, ICGEB, New Delhi, Feb 16, 2006.
75. "Acute Graft Versus Host Disease", in CME on Stem Cell Transplantation (SCT) at Army Hospital (Research & Referral) Delhi Cantt, New Delhi, 17 & 18 September 2005.
76. "Refractory/Chronic ITP: Difficulties in management" CME on Pediatric Hematology & Oncology, organized by Department of Pediatrics, Institute of Medical Sciences, Banaras Hindu University, Varanasi, August 21, 2005.
77. "Anemia of Inadequate Production of RBCs" in a CME on Hematology, organized by Department of Pediatrics, GSVM Medical College, Kanpur, 24th July 2005.
78. "Management of Aplastic Anemia" in the 8th Update in Oncology Focus on current Status and Future Directions in Hemopoietic Malignancies, organized by Sir Ganga Ram Hospital, New Delhi. 2nd and 3rd April 2005.
79. "Refractory ITP is it difficult to treat" in the IV National Hematology Update, organized by the Department of Hematology, AIIMS, New Delhi, Nov 26-27, 2005.
80. "Hematopoietic stem cells-Beyond Hematopoietic reconstitution" in XI Annual Ranbaxy Science Foundation Symposium "Stem Cell Research: From Bench to Bedside", L.V. Prasad Dye Institute, Hyderabad, March 5, 2005.
81. "Flow Cytometry from Bench to the Bedside", in a Workshop on Current technique in genetic toxicology, Industrial Toxicology Research Centre, Lucknow, Dec 1-15, 2004.
82. "Bone Marrow Transplantation the SGPGI Experience", in XXVIII National Conference of Indian Association of Medical Microbiologists, SGPGIMS, Lucknow, Nov 25-28, 2004.
83. "Haematopoietic stem cells-Beyond haematopoietic reconstitution" Xth National CME in Hematology, Bombay Hospital Institute of Medical Sciences, Mumbai, 23-25 April 2004.
84. "Aplastic Anemia-Immune Modulation" Xth National CME in Hematology, Bombay Hospital Institute of Medical Sciences, Mumbai, 23-25 April 2004.
85. "Immune hemolytic anemia-current concepts in pathogenesis and management strategies" Xth National CME in Hematology, Bombay Hospital Institute of Medical Sciences, Mumbai, 23-25 April 2004.
86. Invited Talk on "Clinical Evaluation of Hematological Disorders by Flow Cytometry", in a symposium on "Flow cytometry: Application in Drug Development" Jan 8-10, 2004, Central Drug Research Institute, Lucknow.

87. Invited Talk on “Infections in Bone Marrow Transplantation – Two unusual cases”, in 5th Sass International Conference on “Emerging Concepts in Leukemia and Lymphoma”, Dec 13-16, 2003, New Delhi.
88. Invited Talk on “Successful management of a case of allogeneic BMT, Complicated by E Coli pyomyositis, by granulocyte transfusions” in Critical Care Core Group – 3rd Meeting, Sept. 13, 2003, New Delhi.
89. Invited Lecture on “Utility of stem cells beyond hematopoietic reconstitution” National CME on Hematopoietic Stem Cell, Armed Forces Transfusion Centre, New Delhi, March 29-30, 2003.
90. Invited Lecture on “Antibody therapy in Aplastic Anemia”, Ranbaxy Science Foundation’s 8th Annual Symposium on Antibody Therapy in Medicine, New Delhi Jan 3, 2003.
91. Invited Lecture on “Graft versus host disease in hematopoietic stem cell transplantation”, National CME on Hematopoietic Stem Cell, Armed Forces Transfusion Centre, Delhi Cantt, New Delhi, April 4, 2002.
92. Invited Lecture on “Variations in the preparations and doses of ATG/ALG used in conditioning in BMT and effect on outcome”. 7th Congress of Asian Society of Transplantation, New Delhi, March 2-6, 2002.
93. Invited Lecture on “Current status of BMT in children”, and “Aplastic Anemia in Children”, Pediatric Hematology Oncology Chapter, Indian Academy of Pediatrics, KGMC, Lucknow, March 2-3, 2002.
94. Invited Lecture on “Aplastic Anemia-Immune Modulation”, Ranbaxy Science Foundation’s 8th Annual Symposium, New Delhi, Feb 18, 2002.
95. Invited Lecture on “Takayasu’s arteritis: Etiopathogenesis with emphasis on immunological studies”, 89th Indian Science Congress, University of Lucknow, Lucknow, Jan 3-7, 2002.
96. Invited Lecture on “Managing Graft versus Host Disease”, CME on Bone Marrow and Stem Cell Transplantation, Army Hospital Research and Referral, Delhi, April 15, 2001.
97. Invited Lecture on “Mechanism of Action of Anti-lymphocyte Globulin (ALG) in patients with Aplastic Anemia: Induction of Apoptosis and Kinetics of Alteration of Lymphocyte Subsets”, Indo-Hungarian Workshop on Recent Advances in Hematological Disorders and Bone Marrow Transplantation, Budapest, April 3-6, 2001.
98. Invited Lecture on “Immunological Basis of Atherosclerosis”, International Society of Heart Research, AIIMS, New Delhi, Jan 27, 2001.
99. Invited Lecture on “Bone Marrow Transplantation-The Lucknow Scenario”, Pediatric Update-2000, by District Unit of the Indian Academy of Pediatrics, Lucknow, July 30, 2000.
100. Invited Lecture on “Autoimmune Hemolytic Anemia”, Annual Meeting of the Delhi Society of Hematology, AIIMS, New Delhi, April 1, 2000.
101. Invited Lecture on “Platelet Alloimmunisation with special reference to BMT”, IRCH Foundation Day, AIIMS, New Delhi, Nov.20, 1999.
102. Invited Lecture on “Immune complexes and premature cardiovascular diseases”, in an International Symposium on Immunological aspects on cardiovascular diseases, Stockholom, Sweden, April 11-13, 1999.
103. Invited Lecture on “Alpha/beta TCR variable region gene usage in vasculitides”, in the 10th International Congress of Immunology, New Delhi, Nov 1-6, 1998.
104. Invited Lecture on “Allogeneic bone marrow transplantation-Current perspectives”, in a National HLA workshop, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, Aug 17-31, 1998.

105. "Future perspectives in management of rheumatoid arthritis", in a Continuing Medical Education Program on Recent Trends in Diagnosis and Management of Autoimmune Diseases, Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow, Feb 1996.
106. Invited Lecture on "An approach to a patient with arthropathy", in the Third Continuing Medical Education Program, Command Hospital, Lucknow, Jan 1995.
107. Invited Lecture on "Basic immunology for rheumatologists", in a Continuing Medical Education Program of Lucknow Branch of Indian Medical Association, Jan 1995.
108. Invited Lecture on "SLE is not so uncommon" and "When to suspect immunodeficiency", in a Continuing Medical Education Program of Lucknow Branch of Indian Medical Association, Sept 1994.
109. Invited Lecture on "An approach to a patient with recurrent infections", Kanpur Branch of Indian Pediatric Society, 1994.
110. Invited Lecture on "Gastrointestinal manifestations of AIDS", UP Branch of Indian Society of Gastroenterology, 1993.
