

DR. DEEPAK KUMAR MISHRA

Name : Dr. (Col) Deepak Kumar Mishra
Sex : Male
Designation : Senior Consultant Laboratory Haematology
Work Contact Details:

Educational Qualifications.

1. Undergraduate : VSS Medical College, Burla, Sambalpur, Odisha (1984)
2. Post Graduate : Armed Forces Medical College, Pune (1990)
3. Speciality : Pathology (Haematology)

Details of Training and Experience

1. Undergraduate. : Adjudged the best medical graduate on over-all merit in his batch. Was awarded 2 university gold medals for academic excellence. Received the Pfizer Medallion for academic excellence in under-graduate studies.

2. Post Graduate : Pursued post-graduate studies in Pathology from the Armed Forces Medical College, Pune .

3. Specialty Training. :

- i. Post-doctoral fellow in Haematology (1996-98) at the Dept of Haematology, All India Institute of Medical Sciences (AIIMS), New Delhi.
- ii. Visiting Fellow at the Dept of Hematology, Mount Sinai School of Medicine, New York, USA in 2000.
- iii. UICC Fellow at Dept of Haematological Medicine, King's College School of Medicine, London, UK in 2001.
- iv. Visiting Fellow at the MDS Centre, Dept of Haematology, Stanford University School of Medicine, Palo Alto, USA in 2003.
- v. National Academy of Medical Sciences visiting faculty at the Dept of Haematology, Christian Medical College & Hospital, Vellore in 2003.
- vi. Visiting Faculty in the Dept of Haematology & Centre for MDS Research at Univ of Massachusetts School of Medicine, Worcester, MA, USA in 2006.
- vii. UICC Fellow at the Harvard Stem Cell Institute, Harvard Medical School, Boston, USA in 2007.

Clinical Appointments :

- i. Graded Specialist Pathology at Military Hospital, Cardio-Thoracic Centre, Pune.(1990-91)
- ii. Graded Specialist Pathology at Military Hospital, Namkum, Ranchi, Jharkhand.(1991-93)

- iii. Graded & Classified Specialist Pathology, Armed Forces Transfusion Centre, New Delhi.(1993-96) (Asst / Assoc Professor Pathology, Delhi University).
- iv. On Study Leave for Post-Doctoral training in Haematology at AIIMS, New Delhi(1996-98)
- v. Associate Professor Pathology. Armed Forces Medical College, Pune.(1998-2003). Post – Graduate teacher of Pune Univ and Maharashtra Univ of Health Sciences.
- vi. Senior Adviser (Pathology & Haematology) and Professor, Army Hospital (Research & Referral), New Delhi. (2003-2009). Post-Graduate teacher Delhi University.
- vii. Head, Dept of Laboratory Sciences, TATA Main Hospital, TATA Steel Ltd. Jamshedpur. (2009-2010)

Administrative Appointments ;

- i. Chief Medical Support Services, TATA Main Hospital, TATA Steel Ltd., Jamshedpur. (2009-2010).

Memberships :

- i. Member of the National Academy of Medical Sciences(India),
- ii. Fellow of UICC,
- iii. Fellow of the Indian College of Pathology (FICPath)
- iv. Fellow of the Indian Society of Haematology & Transfusion Medicine.(FISHTM).
- v. International Member of the American Society of Haematology (ASH) .
- vi. Life member of the Indian Society of Blood Transfusion and Immuno-haematology (ISBTI).
- vii. Life Member of National Thalassaemia Welfare Society (NTWS), New Delhi,India.
- viii. Life Member of Thalassaemia and Sickle Cell Anaemia Welfare Society (TASWELS) Bhubaneswar , Orissa, India.
- ix. Life Member of Indian Co-operative Oncology Network (ICON).
- x. Life Member of Indian Society of Hospital Waste Management (ISHWM).

Research Projects:

a) Principal Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Study of prognostic factors for response parameters in patients with Multiple Myeloma." (AFMRC Project No. 3417 / 2005).

b) Principal Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " FISH Cytogenetics in the diagnostic and prognostic characterisation of Acute Leukaemias (AFMRC Project 3269 / 2004) .

c) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Monitoring of Response to Allogeneic Stem Cell Transplantation(Allo-SCT) in Chronic Myeloid Leukaemia(CML) by RQ-PCR for Response and Relapse". (AFMRC Project 3415 / 2005).

d) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Qualitative Assessment of Haematopoietic Chimerism after Bone Marrow Transplantation by STR-VNTR." (AFMRC Project 3414 / 2005).

e) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Procoagulant Factors in Stroke in Young." (AFMRC Project 3341 / 2005).

f) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Role of thrombo-prophylaxis in high risk surgical patients with special reference to orthopaedic (total knee and hip replacement) and onco-surgical patients ." (AFMRC Project 3218 / 2003).

g) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Monitoring of response to therapy with Imatinib Mesylate in CML by FISH and RT-PCR for both response and relapse after treatment." (AFMRC Project 3475 / 2006).

h) Co- Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " To study the role of Thalidomide as an anti-angiogenic agent in MDS." (AFMRC Project 3357 / 2005).

j) Co-Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Flowcytometric study of Reticulated Platelets in thrombocytopenic disorders. (AFMRC Project 3142 / 2002).

k) Principal Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Evaluation of minimal residual disease (MRD) in chronic myeloid leukaemia (CML) on interferon alpha therapy and other chemotherapeutic agents" (AFMRC Project 3020 / 2000) .

l) Principal Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Comparative study of the diagnostic value of plastic embedded bone marrow biopsies, biopsy imprints and bone marrow aspirates in various haematological disorders (AFMRC Project 3060 / 2001).

m) Co-Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Coagulation inhibitors in malignancies and nephrotic syndrome" (AFMRC Project 2267 / 1999) .

n) Co-Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Comparison of efficacy of oral and parenteral iron chelators in thalassaemic children" (2000 - 2003).

o) Principal Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled "Study of coagulation inhibitors in thrombo-embolic disorders with special reference to deep vein thrombosis (DVT)" (1995 - 1998).

p) Co-Investigator in an Armed Forces Medical Research Committee (AFMRC) sponsored project titled " Study of markers in chronic hepatitis B & C and effects of interferon alpha 2b therapy" (1994 – 1996).

q) Short term research studentship project of Indian Council of Medical Research (ICMR) during MBBS studies titled "Estimation of fetal haemoglobin in gynaecological malignancies" (1981).

r) Associated with a large number of **Research Projects** in the Department of Haematology, All India Institute of Medical Sciences (AIIMS), New Delhi , India during the **Post-Doctoral Fellowship in Haematology** for two years (1996 - 1998). Specific areas were Platelet Factor 3 (PF3) in platelet disorders, Glanzmann's thrombasthenia, Thrombopathic thrombasthenia, Unclassified platelet functional disorders, Acquired haemophilia, Dengue haemorrhagic fever and Hairy cell leukaemia (HCL).

s) Co-Investigator in Department of Biotechnology, Ministry of Science & Technology, Govt of India sponsored multicentric project on “ Intravenous autologous bone marrow stromal cells (MSCs) or mono-nuclear cells (MNCs) for patients with Acute Ischaemic Stroke - a randomised clinical trial”. (BT / PR6815 / MED / 14 / 880 / 2005 - R&R) .

t) Co-Investigator in Department of Biotechnology, Ministry of Science & Technology, Govt of India sponsored multicentric project on “ Efficacy of Stem Cells in Improvement of Left Ventricular Function in Patients with Acute Myocardial Infarction - a randomised clinical trial”. (BT / PR7342 / MED / 14 / 986 / 2006) .

u) Co-Investigator in Department of Biotechnology, Ministry of Science & Technology, Govt of India sponsored multicentric project on “ Safety and efficacy of autologous stem cells in prevention of amputation in patients with chronic critical limb ischaemia - a randomised clinical trial”. (BT / PR10466 / MED / 31 / 22 / 2008) .

Publications :

- I. International Journal – 06

- II. Abstracts in Indexed International Journals - 12
- III. National Journals – 24
- IV. Abstracts in National Journal - 05
- V. Unpublished Abstracts Presented at Conferences / CMEs / Updates - 28,
- VI. Chapters in Text Books or Monographs - 09

Awards: :

- i. University Gold Medals – 2 for undergraduate studies..
- ii. ‘Pfizer Medallion ‘ for academic excellence in undergraduate studies.
- iii. Army Commander’s (Western Command) commendation for development of Haematology at Army Hospital(Research & Referral), New Delhi in 2009.

Other National Assignments:

- i. **Member**, ICMR Task Force on Myelodysplastic Syndromes (MDS).
- ii. **Programme-in-charge / Convener** of the Indian MDS Registry.
- iii. **President – Elect** , Indian Society of Haematology and Transfusion Medicine (ISHTM) (2009 – 2010).
- iv) **Vice - President** , Indian Society of Haematology and Transfusion Medicine (ISHTM) (2008 – 2009).
- v.) **Joint Secretary** , Indian Association of Pathology and Microbiology (IAPM) (2007 – 2010).
- vi.) **Associate Editor (Haematology Section)** of the Indian Journal of Pathology and Microbiology (2007 – 2012).
- vii.) **Treasurer** of the Indian Society of Haematology and Transfusion Medicine (2005 – 2008).
- viii.) **Editor** (2002 – 2005) and **Associate Editor** (1999 – 2002) of the Indian Journal of Haematology and Blood Transfusion (IJHBT).
- ix.) **Executive Committee Member** of the Indian Society of Haematology and Transfusion Medicine (1999 – 2002).
- x. **External Peer Reviewer** for the Indian Journal of Haematology & Blood Transfusion (IJHBT), Journal of Association of Physicians of India (JAPI), Indian Journal of Pathology & Microbiology (IJPM), Medical Journal of Armed Forces of India (MJAFI), Current Science, Journal of Post-Graduate Medicine and Asian Journal of Transfusion Medicine.

- xi. Post-graduate examiner in Pathology and Transfusion Medicine, post-doctoral examiner in Haematology / Clinical Haematology at a number of universities including the National Board of Examinations.