

## **BIODATA FOR UCMS WEBSITE**

### **1. Personal details:**

Name: Dr Mrinalini Kotru Fotedar

Designation: Director- Professor

Degrees: MD, DNB, MNAMS, DM Hematopathology

Department: Pathology

Areas of interest: (max 3 bullets)

- Hematopathology
- Molecular Pathology
- Medical Education & Medical Humanities



### **2. Education and Trainings: (in ascending order)**

<b>Degree</b>	<b>Institution</b>	<b>Place</b>	<b>Period</b>
<b>M.B.B.S</b>	Lady Hardinge Medical College	Delhi	1993 – 1998
<b>M.D. Pathology</b>	UCMS	Delhi	1999 – 2002
<b>D.N.B. Pathology</b>	NBE	Delhi	2004
<b>M.N.A.M.S</b>	National Academy of Medical Sciences	Delhi	2004
<b>DM Hematopathology</b>	AIIMS	Delhi	2010-2013

### **3. Experience: (in ascending order)**

<b>S.No.</b>	<b>Post</b>	<b>Institute</b>	<b>Period From - To</b>
1.	Senior Resident	UCMS & GTB hospital, Shahadra, Delhi	2002-2005
2.	Asst. Professor/Lecturer	UCMS & GTB hospital, Shahadra, Delhi	2005- 2010
3.	Assoc. Professor /Reader	UCMS & GTB hospital, Shahadra, Delhi	2010-2013
4.	Professor	UCMS & GTB hospital,	2013-2020

		Shahadra, Delhi	
5.	Director- professor	UCMS & GTB hospital, Shahadra, Delhi	2020- till date

#### 4. Assignments in Academic Associations

S.No.	Nature of assignment	Association	Period From - To
1.	Treasurer	Delhi Society of Hematology	2015-2019
2.	Secretary	Delhi Society of Hematology	2019- till date

#### 5. Awards and Honours

#### 6. Projects

a. Ongoing-1

b. Completed-2

S.No.	Title	Funding agency	Period From - To	Grant in Rs
1.	<b>Co-PI</b> -Effect of Imatinib therapy on CML with Special reference to myelofibrosis.	UGC	April 2007-2010	Rs. 9,34,100
2.	<b>PI</b> : Bone marrow angiogenesis in Chronic Myeloid Leukemia: Multi-parametric study of factors in blood and bone marrow influencing angiogenesis.	DST, Fast track scheme Young Scientist Scheme	2010-2013	Rs 17,61,000
3.	<b>PI</b> : BCR-ABL fusion transcript in pediatric acute lymphoblastic leukemia	MRU	2019-ongoing	RS 2,50,000

#### 7. Publications:

a. Indexed journals : 56

1: Neogi SB, Devasenapathy N, Singh R, Bhushan H, Shah D, Divakar H, et al. Safety and effectiveness of intravenous iron sucrose versus standard oral iron therapy in pregnant

women with moderate-to-severe anaemia in India: a multicentre, open-label, phase 3, randomised, controlled trial. *Lancet Glob Health*. 2019 Dec;7(12):e1706-e1716. Erratum in: *Lancet Glob Health*. 2020 Dec;8(12):e1472.

2: Jakhar D, Singal A, Sharma S, **Kotru M**. Norfloxacin-Induced Linear IgA Dermatitis. *Skinmed*. 2020 Dec 1;18(6):374-377.

3: Garg N, More S, Sharma M, **Kotru M**. Microfilaria: not always associated with eosinophilia. *Trop Doct*. 2019 Jul;49(3):210-212.

4: Sesama M, Bhaskar V, Meena M, Narang M, Aggarwal A, **Kotru M**. Recurrent arthritis: an unusual diagnosis. *Trop Doct*. 2020 Jul;50(3):248-249.

5: More S, **Kotru M**, Sikka M, Pathak R, Dewan P, Gomber S. Priapism in Childhood B-Cell Acute Lymphoblastic Leukemia: A Rare Presentation. *Indian J Hematol Blood Transfus*. 2020 Jan;36(1):215-216.

6: Jaiswal P, Dewan P, Gomber S, Banerjee BD, **Kotru M**, Malhotra RK, et al. Early lactate measurements for predicting in-hospital mortality in paediatric sepsis. *J Paediatr Child Health*. 2020 Oct;56(10):1570-1576.

7: Sikka M, Sodhi R, **Kotru M**, Singh G. Markers of Fibrinolysis in Indian Patients with Isolated Head Trauma. *Asian J Neurosurg*. 2019 Jan- Mar;14(1):118-121.

8: Dewan P, Dixit A, Gomber S, **Kotru M**, Banerjee BD, Tyagi V, et al. Serum and Urinary Hcpidin for Diagnosing Iron-deficiency Anemia in Under-5 Children. *J Pediatr Hematol Oncol*. 2019 May;41(4):e216-e220.

9: Garg N, Bansal D, Mangla G, **Kotru M**. Bone marrow edema mimicking amyloid. *Indian J Pathol Microbiol*. 2018 Oct-Dec;61(4):623-625.

10: Dixit S, Garg N, **Kotru M**, Gupta R. Plasmodium Vivax Malaria: Usual Illness with Dysregulated Immune Profile. *Iran J Immunol*. 2020 Sep;17(3):250-254.

11: Gupta S, Aggarwal A, Faridi MM, Rai G, Das S, **Kotru M**. Serum Interleukin-6 Levels in Children with Febrile Seizures. *Indian Pediatr*. 2018 May 15;55(5):411-413. Epub 2018 Feb 9.

12: Narang M, Natarajan R, Shah D, Puri AS, Manchanda V, **Kotru M**. Celiac Disease in Children with Moderate-to-Severe Iron-deficiency Anemia. *Indian Pediatr*. 2018 Jan 15;55(1):31-34.

13: Mangla G, Garg N, Bansal D, **Kotru M**, Sikka M. Peripheral Blood and Bone Marrow Findings in Chronic Alcoholics with Special Reference to Acquired Sideroblastic Anemia. *Indian J Hematol Blood Transfus*. 2020 Jul;36(3):559-564.

14: Garg N, More S, Chopra P, Gupta R, **Kotru M**. Screening peripheral blood smear: A tale of the "TAIL". *Trop Doct*. 2021 Apr;51(2):276-278.

15: Garg N, **Kotru M**, Kumar D, Pathak R, Sikka M. Correlation of expression of aberrant immunophenotypic markers in T-ALL with its morphology: A pilot study. *J Lab Physicians*. 2018 Oct-Dec;10(4):410-413.

- 16: Garg N, **Kotru M**, Yadav A, Rusia U, Sikka M, Kalra OP. Serum ferritin <70 µg/L predicts functional iron deficiency in patients with chronic kidney disease. *Saudi J Kidney Dis Transpl.* 2018 Sep-Oct;29(5):1035-1041.
- 17: Soni K, **Kotru M**, Dewan P, Meena P. Spur cell anemia in Wilson's disease: a rare presentation. *Int J Lab Hematol.* 2017 Jun;39(3):e64-e65.
- 18: Goyal R, **Kotru M**, Gogia A, Sharma S. Qualitative defects with normal sperm counts in a patient attending infertility clinic. *Indian J Pathol Microbiol.* 2018 Apr-Jun;61(2):233-235.
- 19: **Kotru M**, Mutereja D, Purohit A, Tyagi S, Mahapatra M, Saxena R, et al. Mild Bleeders: Diagnosis is Elusive in Large Number of Patients. *Mediterr J Hematol Infect Dis.* 2016 Oct 17;8(1):e2016049.
- 20: Narang NC, **Kotru M**, Rao K, Sikka M. Megaloblastic Anemia with Ring Sideroblasts is not Always Myelodysplastic Syndrome. *Turk J Haematol.* 2016 Dec 1;33(4):358-359.
- 21: Goyal S, Sharma S, **Kotru M**, Gupta N. Role of FNAC in the diagnosis of intraosseous jaw lesions. *Med Oral Patol Oral Cir Bucal.* 2015 May1;20(3):e284-91.
- 22: Gupta A, Gupta S, Tandon A, **Kotru M**, Kumar S. Gastrointestinal stromal tumor causing ileo-ileal intussusception in an adult patient a rare presentation with review of literature. *Pan Afr Med J.* 2011;8:29.
- 23: **Kotru M**, Munjal SS, Singh M, Seth T, Pati HP. Blood Components Load in Post-operative Neurosurgical Patients Suspected with Disseminated Intravascular Coagulation. *Indian J Hematol Blood Transfus.* 2017 Sep;33(3):408-411.
- 24: **Kotru M**, Aggarwal S, Sharma S, Singh UR. Eosinophilic gastritis masquerading as gastric carcinoma. *Indian J Pathol Microbiol.* 2010 Apr-Jun;53(2):380-2.
- 25: Mahajan G, **Kotru M**, Batra M, Gupta A, Sharma S. Usefulness of histopathological examination in uterine prolapse specimens. *Aust N Z J Obstet Gynaecol.* 2011 Oct;51(5):403-5.
- 26: **Kotru M**, Munjal SS, Mutreja D, Kumar G, Singh M, Seth T, et al. Severity of anemia and hemostatic parameters are strong predictors of outcome in postoperative neurosurgical patients. *Asian J Neurosurg.* 2017 Jul-Sep;12(3):489-493.
- 27: Sharma S, Gupta R, Sharma R, **Kotru M**. Mucin-secreting gastric adenocarcinoma with Rhabdoid areas. *Saudi J Gastroenterol.* 2010 Jan-Mar;16(1):46-8.
- 28: **Kotru M**, Sharma R, Pramanik SK, Purohit A, Singh G, Singh AK, et al. Value of CD16/CD66b/CD45 in comparison to CD55/CD59/CD45 in diagnosis of paroxysmal nocturnal haemoglobinuria: An Indian experience. *Indian J Med Res.* 2017 Sep;146(3):362-368.
- 29: Sharma S, **Kotru M**, Batra M, Gupta A. Melanocytic nevus with primary anorectal melanoma: a rare association. *ANZ J Surg.* 2010 May;80(5):380.
- 30: **Kotru M**, Gupta R, Aggarwal S, Sharma S, Bhatia A. Cartilaginous metaplasia in uterine leiomyoma. *Arch Gynecol Obstet.* 2009 Oct;280(4):671-3.

- 31: Mutreja D, **Kotru M**, Sazawal S, Ranjan R, Sharma A, Acharya SK, et al. Hereditary and Acquired Thrombophilia in Splanchnic Vein Thrombosis: A Single- Center Experience. *Clin Appl Thromb Hemost*. 2015 Sep;21(6):521-6.
- 32: Narang NC, Rusia U, Sikka M, **Kotru M**. Morphological Changes in Bone Marrow Post Imatinib Therapy in Chronic Phase CML: A Follow up Study on Sequential Bone Marrow Aspirates and Biopsies. *J Clin Diagn Res*. 2017 Apr;11(4):EC25-EC29.
- 33: Makhija M, Sharma S, **Kotru M**. Ameloblastoma mimicking as mucoepidermoid carcinoma on cytology. *J Cancer Res Ther*. 2010 Oct-Dec;6(4):588-90.
- 34: Mahajan G, **Kotru M**, Sharma R, Sharma S. Usefulness of histopathological examination in nontraumatic perforation of small intestine. *J Gastrointest Surg*. 2011 Oct;15(10):1837-41.
- 35: Mutreja D, **Kotru M**, Aggarwal M, Tejwani N, Sharma RK, Pati HP. Hepatosplenic gamma delta T-cell lymphoma in a boy with visceral leishmaniasis: a case report. *J Med Case Rep*. 2013 Dec 13;7:269.
- 36: Sharma RK, Purohit A, Somasundaram V, Mishra PC, **Kotru M**, Ranjan R, et al. Aberrant myeloid antigen co-expression is correlated with high percentages of CD34-positive cells among blasts of acute lymphoblastic leukemia patients: an Indian tertiary care center perspective. *Blood Res*. 2014 Dec;49(4):241-5.
- 37: Sharma S, **Kotru M**, Yadav A, Chugh M, Chawla A, Makhija M. Role of fine- needle aspiration cytology in evaluation of cutaneous metastases. *DiagnCytopathol*. 2009 Dec;37(12):876-80.
- 38: Sharma S, **Kotru M**, Batra M, Gupta A, Rai P, Sharma R. Limitations in the role of ulcer edge biopsy in establishing the aetiology of nontraumatic small bowel perforation. *Trop Doct*. 2009 Jul;39(3):137-41.
- 39: **Kotru M**, Singh N. The value of recognizing suspect diagnoses in the triple diagnosis of giant cell tumor of bone. *Indian J Orthop*. 2007 Apr;41(2):97-100.
- 40: Goyal S, Sharma S, **Kotru M**, Sharma A. Ovarian lymphangioma masquerading as ectopic pregnancy: A clinical dilemma. *J Obstet Gynaecol*. 2015;35(5):535-6.
- 41: Sharma S, **Kotru M**, Gupta R. PEComata: highly melanotic multiple perivascular epithelioid cell tumors (PEComa) of the uterus. *APMIS*. 2008 Nov;116(11):1000-3.
- 42: **Kotru M**, Rusia U, Sikka M, Chaturvedi S, Jain AK. Evaluation of serum ferritin in screening for iron deficiency in tuberculosis. *Ann Hematol*. 2004 Feb;83(2):95-100.
- 43: **Kotru M**, Chandra H, Singh N, Bhatia A. Localized amyloidosis in endometrioid carcinoma of the uterus: a rare association. *Arch Gynecol Obstet*. 2007 Oct;276(4):383-4.
- 44: Gupta R, Singh S, **Kotru M**. Reaching people through medical humanities: An initiative. *J Educ Eval Health Prof*. 2011;8:5.

- 45: Mutreja D, **Kotru M**, Tyagi S. A 1-year-old male child with recurrent respiratory infections since birth. *Indian J Pathol Microbiol.* 2013 Jul-Sep;56(3):315-6. doi: 10.4103/0377-4929.120410.
- 46: Aggarwal A, **Kotru M**, Sharma V, Sharma S. Adrenal insufficiency in primary adrenal lymphoma: Innocuous presentation of a rare sinister illness. *Niger J Clin Pract.* 2011 Jan-Mar;14(1):115-7.
- 47: Narang NC, **Kotru M**, Sikka M, Rusia U. Comparison of the applicability of Hasford score and European Treatment and Outcome Study score in Indian patients with chronic phase chronic myeloid leukemia on imatinib therapy. *South Asian J Cancer.* 2017 Jul-Sep;6(3):117.
- 48: **Kotru M**, Manucha V, Singh UR. Unicystic granulosa cell tumor: a case report. *Indian J Pathol Microbiol.* 2005 Apr;48(2):238-40.
- 49: Garg N, Gupta R, **Kotru M**. CD34 is not Expressed by Blasts in a Third of B-ALL Patients and its Negativity is associated with Aberrant Marker Expression: A Retrospective Analysis. *Asian Pac J Cancer Prev.* 2021 Mar 1;22(3):919-925.
- 50: **Kotru M**, Batra M, Gomber S, Rusia U. Transient thrombocytosis with megathrombocytes in a case of acute myeloblastic leukemia. *Indian J Pathol Microbiol.* 2009 Jan-Mar;52(1):113-4.
- 51: Sharma S, **Kotru M**. Metastatic small cell carcinoma lung presenting as a breast mass: cytologic findings. *Indian J Cancer.* 2010 Jan-Mar;47(1):72-3.
- 52: Sharma S, **Kotru M**, Gupta R. Isolated amyloidosis of cervical lymph nodes. *Acta Cytol.* 2010 Sep-Oct;54(5 Suppl):1078-80.
- 53: Pati HP, **Kotru M**. Setting up a coagulation laboratory at a district hospital. *Natl Med J India.* 2012 May-Jun;25(3):161-3.
- 54: **Kotru M**, Manucha V, Singh UR. Cytologic and histologic features of primary mucinous adenocarcinoma of skin in the axilla: a case report. *Acta Cytol.* 2007 Jul-Aug;51(4):571-4.
- 55: **Kotru M**, Sharma S, Agarwal S. Plasma cells in bone marrow - an artifactual change mimicking metastasis. *Indian J Hematol Blood Transfus.* 2009 Jun;25(2):84-5.
- 56: Singh B, Verma M, **Kotru M**, Verma K, Batra M. Prevalence of HIV and VDRL seropositivity in blood donors of Delhi. *Indian J Med Res.* 2005 Sep;122(3):234-6..

b. Other journals - 8

1. **Garg N, Kotru M, Yadav A, Sikka M, Kalra OP.** High Sensitivity C-Reactive Protein does not correlate with IL-6 in patients with Chronic Kidney Disease. *BANTAO Journal* 2015;vol 13(2):100.
2. **Kotru M.** Evaluation of CD16/Cd66b/CD55/CD 59 in Diagnosis of Proxysmal Nocturnal Hemoglobinuria. Dissertation. DM-Hemtopathology. 2013.

3. Pati H, **Kotru M**. How to set up coagulation Laboratory at District Level? Abstract Book, ISHTM Hematocon 2010.
4. **Kotru M**. Laboratory Approach to diagnosis of red cell membrane disorders. In Workshop Manual on Laboratory Approach to Hemolytic Anemias. ISHTM Goldcon 2009. Published By Dept of Pathology, UCMS & GTBH, Delhi.
5. Sikka M, Rusia U, **Kotru M**, Madan N. Iron Deficiency Anemia: A public health Problem and Novel Approaches. In Hematology -09, Indian Society of Hematology & Transfusion Medicine. Education Programme book. Eds Mahapatra M, Seth T, Mishra P. Pbs Dept of Hematology, AIIMS, Delhi.
6. Rusia U, Makhija M, Sikka M, **Kotru M**, Madan N. Overview of Anaemia In tropics.(Abstract)49<sup>th</sup> Annual conference of Indian Society of Haematology & Transfusion Medicine. ISHTM 2008 Puducherry.
7. Agarwal R, Rajaram S, Goel N, Grover A, **Kotru M**. Gangrene of the uterus: A Dreaded Complication of Unsafe Abortions. The Female Patient 2007oct:32;2-7.
8. Kaur N, Gupta M, Minocha V, Singh B, **Kotru M**. Giant stromal tumor of stomach mimicking a cystic neoplasm of pancreas: A case report. Gastroenterology today 2003:4; 183

### **c. Book chapters**

1. Singh A, Kotru M. Laboratory Diagnosis of Microangiopathic Hemolytic Anemia Including TTP, DIC, and HUS. In Saxena R, Pati HP eds. Hematopathology- Advances in understanding. 1<sup>st</sup> ed : Springer ;2019.p109-130.
2. Garg N, Kotru M. Approach to diagnosis of hemolytic anemias.In Hematology Pearls 2018.eds Purohit A, Bohra G, AIIMS jodhpur. Muskan Graphics, Jodhpur
3. Kotru M. Thrombotic microangiopathy. What's New? In Hematology -2018. Education programme book.pub Hematology Education & research society (HERS) & Department of hematology . AIIMS, New Delhi.2018.pg111-113.
4. **Kotru M, Tejwani N**. Thrombotic Thrombocytopenic Purpura.Hematology Update education programme book.2011 Eds Mahapatra M, Seth T, Mishra P. Pbs Dept of Hematology, AIIMS, Delhi.

5. **Kotru M. Role of Flow in Non-neoplastic diseases.** Update education programme book. 2012 Eds Mahapatra M, Seth T, Mishra P. Pbs Dept of Hematology, AIIMS, Delhi.
  6. Rusia U, **Kotru M.** Molecular Mechanisms in Iron Metabolism. In Hematology Today. Edited and published by Dr MB Agarwal. Pg25
- d. Books- nil
- e. Others

\*List in reverse chronological order, starting from most recent; ICMJE style

**8. h index -11**