

BIO-DATA

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3. Institution: Indian council of Medical research (ICMR)-National Institute of Pathology

4. Academic Qualification (Undergraduate Onwards)

S. No	Degree	Year	Subject	University
1	MBBS including Internship	2008	Medicine	Pt. RSU, Raipur, Chattisgarh
2	MD	2013	Pathology	Aligarh Muslim University
3	Fellowship	2014	Hematopathology	TATA Medical center, Kolkata

4. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To
1	Fellow	TATA medical center, Kolkata	04-07-13	31-03-14
2	Academic Senior resident	All India institute of Medical Sciences, AIIMS, New Delhi	12-05-14	11-12-16
3	Scientist B	Indian council of Medical Research, National Institute of nutrition, Hyderabad	13-12-16	22-05-17
4	Scientist C (Talent search scheme)	Indian council of Medical Research, National Institute of Pathology, New Delhi	23-05-17	Till present

5. Professional Recognition/ Award/ Prize/ Certificate, Fellowship received

S.No	Name of Award	Awarding Agency	Year
1	Department of biotechnology (DBT) international travel award for junior scientists	Department of biotechnology (DBT)	2015
2	ISLH BEREND HOUWEN AWARD Milan, Italy.	International society of lab Hematology, Milan, Italy	2016
3	HAA & HANZ international award for best oral paper	Haematology Society of Australia and New Zealand, Adelaide	2015
4	Academic Awards- 5 University and college Gold Medals. 1 silver medal and 2 certificates of Merit	Pt. Jawaharlal Nehru Medical College, Pt RS University, Raipur, C.G	2002-2007
5	2nd prize for best oral presentation at National symposium for emerging trends in behavioral sciences.	National Society of behavioural change and neurosciences	2012

6. Publications (List of papers published in SCI Journals, in year wise descending order).

S. no	Authors	Title	Name of journal	Volume	Page	Year
1	Sandeep rai, U Bhardwaj, Aroonima Misra (corresponding author)	Comparison between photo-stability of alexa fluor 448 (Beckman coulter) and alexa-fluor 647 (Beckman coulter) with conventional dyes- FITC and APC by flow cytometry	International journal of lab hemotology, impact factor: 2.401	Accepted (In press)		2017
2	Aroonima Misra , Chopra, A., Kumar, R. and	Diagnostic considerations in juvenile	International journal of lab hemotology,	39	e77-e79	2017

	Bakhshi, S.	myelomonocytic leukemia in tropical settings.doi:10.1111/ijlh.12626	impact factor: 2.401			
3	Aroonima Misra, Anita chopra, Rajive Kumar, Sameer Bakhshi.	Pediatric plasmablastic lymphoma: diagnostic and therapeutic dilemma. Case series	Indian journal of pathology and microbiology, impact factor: 0.466.	Accepted		2017
4	Aroonima Misra, Jyoti Mishra, Jagan Chandramohan, Atul Sharma, Vinod Raina, Rajive Kumar, Sushant Soni, Anita Chopra.	Old but still relevant: High resolution electrophoresis and immunofixation in multiple myeloma.	Indian journal of haematology and blood transfusion. Impact factor: 0.26.	32 issue 1	10-17	2016
5	Misra, A., Verma, D., Chandramohan, J., Bakhshi, S., Kumar, R., Gajendra, S., and Chopra, A.	Nuclear cupping in the blasts—more to the cup than myeloid. doi: 10.1002/hon.2180.	Haematologica oncology, Impact factor: 3.49	34	171-173	2014
6	Arora N, Mishra A, Santra P, Nair R.	Hairy cell leukemia with ascites and coexistent histoplasmosis	Indian J Pathol Microbiol 2015, impact factor: 0.466.	58	125-6	2015
7	Aroonima	APML the Age-old	Indian journal	30 supp 2	448-	2014

	Misra, Sushant soni, Anjali dutta, Sameer Bakhshi,Rajive kumar,Anita Chopra.	Harlequin: Do we see it All?	of pathology and microbiology, impact factor: 0.466.		446	
8	Anshu Jain, Kiran Alam, Aroonima Misra, Veena Maheshwari.. BMJ Case Reports 2013.	Dedifferentiated acinic cell tumour: the harlequin of salivary gland neoplasms—an unusual variant.	British medical journal case reports	doi:10.1136/bcr-2012-008434		2013
9	Alam, Kiran; Jain, Anshu; Misra, Aroonima; khan, A H Khan.	Cellular schwannoma masquerading as malignant peripheral nerve sheath tumor - a diagnostic dilemma.	British medical journal case reports	doi: 10.1136/bcr-2012-008435		2013
10	Alam, Kiran; Jain, Anshu; aziz, meher; Misra, Aroonima.	FNA diagnosis of malignant melanoma-recurrent and metastatic diseases.	British medical journal case reports	doi:10.1136/bcr-2012-006887		2013

I am an MCI registered and trained hematopathologist with a fellowship in hematopathology and 7 years of experience in diagnosing and reporting blood cancers in various prestigious hospital and research centres and currently working as a scientist in Indian council of medical research. My institute has a common instrumentation facility with all the state of the art equipments like- Multiparametric Flowcytometer, Next generation sequencer, capillary electrophoresis machine, Bioanalyser and Nano drop machine, PCR workstation with a dedicated bio-informatics team.

I have been a part of NABL accreditation process and am familiar with all the prerequisites and documentation involved in Quality control procedures in the ISO 2001-2010 NABL certification and CAP accreditation.

I have good knowledge of morphology, flowcytometry of blood and bone marrow samples diagnostics, including CD34 enumeration and MNC count with Pre and post BM transplant conditioning regimes and Minimal Residual disease. I also have adequate knowledge of molecular techniques like PCR, RQ PCR, and Sanger sequencing, Next generation sequencing (Ion proton and Illumina platforms). I am also trained in reporting of histopathological samples and cytology including application of immunohistochemistry. Experience in working and functioning of NACO approved blood bank and component preparation, cryoprecipitate and routine grouping and cross matching by gel card technique. My basic areas of interests are haematological malignancies in children and adults.

I am currently working on the mutational targets and exome sequencing of acute myeloid leukemia in children. In future I wish to work on the improvement of iron deficiency status in India population especially pregnant women and adolescent children.