



## **CURRICULAM – VITAE**

Name: Dr. Durba Biswas

Mother's Name: Mrs. Tandra Biswas

Father's Name: Prof. Purnendu Biswas

Permanent

Address: Gurukul Lakeview, 289 canal south road, Kolkata 700105

Date of Birth: 27<sup>th</sup> March, 1990

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Email ID: [docdurbabiswas@gmail.com](mailto:docdurbabiswas@gmail.com)

Religion: Hindu

Category: General

Degrees: MBBS, MD (I.H.B.T)

Permanent

Registration No.: 71199 (WBMC)

Department: Immuno-Hematology and Blood Transfusion

### **Academic qualification:**

<b>Name of examination</b>	<b>Year of passing</b>	<b>College</b>	<b>Board/ University</b>	<b>Percentage obtained</b>
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MBBS	2013	North Bengal Medical college	WBUHS	63.43%
MD (in Immuno-hematology & blood transfusion)	2019	Medical College Kolkata	WBUHS	63.70%

**Professional qualification:**

<b>Experience</b>	<b>Discipline</b>	<b>Duration</b>	<b>College/ Hospital</b>
Compulsory Rotatory Internship	General Medicine, Emergency medicine, Psychiatry, General Surgery, Eye, ENT, Pediatrics, G&O, Blood Bank, Dermatology, Community Medicine, Chest Medicine, Orthopedics, PMR	1 year	North Bengal Medical College
Housestaffship	Gynecology & obstetrics	6 months	College of Medicine & Sagore Dutta Hospital
MD	Immuno-hematology and Blood Transfusion	3 years	Medical College Kolkata
Senior Resident	Immuno-hematology and Blood Transfusion	3 years	Medical College Kolkata
Senior Resident	Transfusion Medicine	6 months	BM birla research Institute kolkata

Clinical Associate	Transfusion Medicine	3 years	Tata Medical Center Kolkata
Consultant	Transfusion Medicine	Since 2026	Tata Medical Center Kolkata

**Special achievements:**

*Gold medal* for best PG student MD IHBT 2018

**Scientific paper or presentations:**

Title	Category	Name of Journal/ Forum	Year of publication	Author(s)
Development of anti-D in a D-variant lady due to pregnancy induced isoimmunisation	Poster presentation	6 <sup>th</sup> annual national conference Indian Society	2016	Nowroz Afroza, Eeshita Samanta, <b>Durba Biswas</b> , Prasun Bhattacharya,

		of Transfusion Medicine		Krishnendu Mukherjee
Spectrum Of Auto or Alloimmunisation in multitransfused patients at immunohematology laboratory of Medical College Kolkata	Oral presentation	7 <sup>th</sup> annual national conference Indian Society of Transfusion Medicine	2017	Durba Biswas, Sourav Mukherjee, Eeshita Samanta, Prasun Bhattacharya

Plateletpheresis donor deferral characteristics at a tertiary care hospital of Eastern India	Poster presentation	8 <sup>th</sup> annual national conference Indian Society of Transfusion Medicine	2018	Durba Biswas, Eeshita Samanta, Sourav Mukherjee, Prasun Bhattacharya
The serological picture of inadequate response to red cells in the multitransfused population in eastern India	Original	Paripex-Indian Journal Of Research	May – 2019: vol-8: issue 05	Durba Biswas, Prasun Bhattacharya
A successful pregnancy occurred after isolating the offending antibody(s) and choosing appropriate sperm donor of similar phenotype	Case report	Global Journal of Transfusion Medicine	2019; vol 4 :105-7	Sourav Mukherjee, <b>Durba Biswas</b> , Prasun Bhattacharya, Amit Biswas, Kushal Chatterjee
Incidence and analysis of blood donor adverse reactions- an opportunity to establish a donor vigilance programme at an institution in Eastern India <a href="http://doi.org/10.1111/vox.12548">http://doi.org/10.1111/vox.12548</a>	Original paper	ISBT Science Series	2020	Durba Biswas, Krishnendu Mukherjee, Debadatta Chakraborty, Prasun Bhattacharya, Sourav Mukherjee
Clinical and immunological benefits of convalescent plasma therapy in severe COVID-19: insights from a single center open label randomised control trial	Original article	MedRxiv	2020	2020.11.25.20237883

Nature and dimensions of the cytokine storm and its attenuation by convalescent plasma in severe COVID-19	Original article	medRxiv	2020	2020.09.21.20199109
Plasma Exchange in Refractory acute Disseminated Encephalomyelitis	Case Report	Journal of pediatric Neurology	2021	Sumantra k raut, Mihir Sarkar, arpita Khemka, Kalpana Datta,

associated with COVID-19: the Technical Challenges in a developing country ( <a href="http://doi.org/10.1055/s_0041-1722927">http://doi.org/10.1055/s_0041-1722927</a> )				Mousumi NANDI, <b>Durba Biswas</b> , Dipankar sutar, Arundhati Mukherjee
A prospective study on COVID-19 convalescent plasma donor (CCP) recruitment strategies in a resource constrained blood centre ( <a href="http://doi.org/10.1111/vox.s.12639">http://doi.org/10.1111/vox.s.12639</a> )	Original paper	ISBT Science Series	2021	Durba Biswas, Chikam Maiti, Biplabendu Talukder, Md Azharuddin, et al.
Nature and dimensions of Systemic Hyperinflammation and its Attenuation by convalescent plasma in severe COVID-19 DOI: 10.1093/infdis/jiab010	Original paper	The journal of Infectious Diseases	2021	Purbita Bandopadhyay, Ranit D'Rozario,....., <b>Durba Biswas</b> , et al.

A phase 2 single center open label randomized control trial for convalescent plasma therapy in patients with severe COVID-19 ( <a href="http://doi.org/10.1038/S41467-022-28064-7">http://doi.org/10.1038/S41467-022-28064-7</a> )	Original paper	Nature communications	2022	Yogiraj ray, Shekhar R Paul,....., <b>Durba Biswas</b> , et al.
Molecular basis of DEL phenotype in the Indian population-Insights from Next-Generation Sequencing Analysis of two cases	Journal	Transfusion and Apheresis Science	2022	Rophina, Mercy; Sinha, Ayesha; <b>Biswas, Durba</b> ;et al
Weakening of A Antigen in Myelodysplastic Syndrome-Mimicking a Case of Wrong Blood in Tube	Case report	Indian Journal of Hematology and Blood Transfusion	2023	Sinha, Ayesha; Basheela, Najla Haneefa; <b>Biswas, Durba</b> et al.
Transfusion management in two patients with anti-f antibodies–A case report and review of the literature	Case series	Asian Journal of Transfusion Science	2023	Basu, Debapriya; <b>Biswas, Durba</b> ; Sinha, Ayesha;et al
Red cell antibodies or noise? A case series on reactivity against the	Case series	Asian Journal of Transfusion Science	2023	Biswas, Durba; Basu, Debapriya; Reddy, Mahua;

ingredients in column matrix				Datta, Suvro Sankha
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Considerations for Pretransfusion Immunochemistry testing in Patients receiving the anti-CD38 monoclonal antibody daratumumab: A real world data from a tertiary care oncology center in Eastern India	Oral Paper (3 <sup>rd</sup> Prixe)	Transmedcon	2023	Durba Biswas
A Brief Report on Pre-Transfusion Testing in Patients Receiving the Anti- CD38 Monoclonal Antibody for Hematological Disorders in India.	Short research communication	Indian Journal of Hematology and Blood Transfusion	2024	<b>Biswas, Durba.,</b> Basu, Debapriya., Nag, Arijit. <i>et al.</i>
Dealing with blood group discrepancies in donor populations in a resource- poor blood center, practical approach: A single blood center study from Eastern India	Original article	Asian journal of Transfusion Science	2024	Mukherjee, Sourav; Bhattacharya, Prasun; Mukherjee, Krishnendu; <b>Biswas, Durba</b>
Clinical Spectrum of anti- E: a thought for transfusion services	Case report	Asian journal of Transfusion Science	2024	Debapriya basu, Ayesha Sinha, Najla Haneefa, <b>Durba Biswas,</b> Suvro Sankha Datta
A novel syphilis Trypanema pallidum lipoprotein peptide antigen diagnostic assay using red cell kodeocytes in routine blood center column agglutination testing platforms	Original article	Vox Sanguinis	2024	Suvro Sankha Datta, Radhika Nagappan, <b>Durba Biswas,</b> et al.

A rare case of Pregnancy Induced anti-D, anti-C and anti-G antibodies	Short article	Global journal of Transfusion Medicine	2024	Ayesha Sinha, Najla Haneefa, <b>Durba Biswas</b> , et al.
Direct Antiglobulin Test Positivity in Blood Donors and Impact on Donor Health and Transfusion Services: A Seven-Year	Original article	Indian Journal of Hematology and Blood Transfusion	2025	<b>Durba Biswas</b> , Najla Basheela, Rashmi K Pandey, Debapriya Basu, Suvro Sankha Datta

Retrospective Study from Eastern India				
Impact of ABO antibody components in Intravenous Immunoglobulin products on transfusion decision-making for patients following autologous stem cell transplantation	Original article	Indian Journal of Hematology and Blood Transfusion	2026	Basheela Najla Haneefa; Hazra, Aniruddha; <b>Biswas, Durba;</b> Basu, Debapriya; Datta, Suvro Sankha
Distinguishing patients with suspected auto-versus allo-anti-Jka antibodies and highlighting the clinical significance: A case series from India	Original article	Transfusion and Apheresis Science	2026	Basheela, Najla Haneefa; Pandey, Rashmi K; Hazra, Aniruddha; Biswas, <b>Durba;</b> <b>Basu</b> , Debapriya; Datta, Suvro Sankha

**Significant training courses / workshop attended:**

- CME “ Transfusion medicine- the next generation medical science” at Medical college Kolkata-2016
- Workshop on Hemovigilance and Cryo Preservation of Stem Cells on 24th September 2016 at Medical College and Hospital, Kolkata.
- Transmedcon 2016- 5<sup>th</sup> annual conference of Indian society of Transfusion Medicine at Bhopal
- IHTM hematology masterclass 2017 at medical college Kolkata
- Workshop on Thromboelastography and Platelet mapping- first regional BSTM meet at Durgapur 2017
- CME cum Immunohematology workshop organized by Department of Transfusion Medicine Tata Medical Centre, Kolkata 2017
  - Training on Strengthening Quality Management Systems (QMS) in Blood Banks organized by NACO/NBTC as part of DCD/CMAI QMS BB Project 2017
- Immunohematcon East- by Apollo Gleneagles Hospitals Kolkata 2017
- Transmedcon 2017- 6<sup>th</sup> annual conference of Indian society of Transfusion Medicine at Lucknow
- “Transfusion medicine- exploring newer horizons” at Medical college Kolkata-2016 ● CME on “Total Quality Management in Transfusion Practice” organized by Department of Transfusion Medicine Tata Medical Centre, Kolkata 2018
- CME cum workshop on Immunohematology- by Apollo Gleneagles Hospitals Kolkata 2018.
- Transmedcon 2018- 7<sup>th</sup> annual conference of Indian society of Transfusion Medicine At Kochi
- Training on aphaeresis procedures- at Medical College Kolkata 2019
- Faculty in Immunohemantocon 2022
- Faculty in various blood bank training programmes
- Faculty in Immunohemantocon 2023, 2024
- Faculty in Apollo Immunohematology workshop 2022, 2023, 2024

**Skill set :**

1. Immuno-Hematology workup of red cell alloimmunisation
2. Therapeutic plasma exchange
3. Patient blood management
4. Organisation and networking of voluntary blood donors
5. Hematopoietic Stem Cell harvesting, storage, Thawing
6. Bedside transfusion practices
7. Teaching and training of post graduate medical students and medical technologists
8. Implementation of Quality management system in BTS.

**Extracurricular activities:** Painting (4<sup>th</sup> year completed), Dancing

**Goal of life:** To touch lives with a smile

I hereby declare that the entries in resume are true to the best of my knowledge and belief

*Durba Biswas*

DR. DURBA BISWAS