

## Curriculum Vitae

1. **Name:-** Dr. Debapriya Kumar (Basu)
2. **MBBS:-** Passed 3<sup>rd</sup> Professional MBBS Part-II examination from Nil Ratan Sircar Medical College, Kolkata (The West Bengal University of Health Sciences) in 2010.
3. **MD:-** Passed MD Immunohaematology and Blood Transfusion (IHBT) from Medical College, Kolkata (The West Bengal University of Health Sciences) in 2016
4. **Current attachment:-** Associate Consultant, Transfusion Medicine, Tata Medical Center, Kolkata
5. **Experience in Transfusion Medicine (IHBT):-**
  - i) 3years MD training in Transfusion Medicine in the Department of Immunohaematology and Blood Transfusion, Medical College, Kolkata
  - ii) 3yrs Fellowship in Transfusion Medicine at Tata Medical Center, Kolkata
  - iii) 9 months as Consultant Medical Officer at Belur Sramajibi Swasthya Prakalpa Samity blood bank, Serampore
6. **Thesis project:-** Prevalence of ABO, Rh Phenotype, Extended Rh and Kell Antigen in Voluntary Blood Donors of South Bengal – A Study from Tertiary care Hospital in Eastern India
7. **Co-PI in IBR approved project:-** Comparison of Quality and Efficacy of Apheresis Platelets Stored in Platelet Additive Solution Vis a Vis Plasma.
8. **Publications :-**
  - **1<sup>st</sup> author:-**
    - **Original article:-**
      - Basu D, Datta SS, Montemayor C, Bhattacharya P, Mukherjee K, Flegel W. ABO, Rhesus, and Kell antigens, alleles and haplotypes in West Bengal, India. Transfus Med Hemother 2017;44:1–5
      - Basu D, Basu S, Reddy M, Gupta K, Chandy M. Clinical and laboratory profile of anti M. Immunohaematology 2017;33:165-169.

- Basu D, Basu S, Radhakrishnan VS, Bhattacharya S, Chakraborty S, Sinha S, Chandy M. Comparison of Quality and Efficacy of Apheresis Platelets Stored in Platelet Additive Solution Vis a Vis Plasma. Indian J Hematol Blood Transfus. 2021 Oct;37(4):648-657. doi: 10.1007/s12288-021-01408-x. Epub 2021 Mar 12. PMID: 34744347; PMCID: PMC8523622.

➤ **Case report:-**

- Basu D, Basu S, Roy J, Reddy M, Chandy M, Bhaumik J. Incompatible crossmatch: First sign of a hemolytic transfusion reaction due to out-of-group platelet transfusion. Asian J Transfus Sci. 2019 Jan-Jun;13(1):57-59.
- Basu D, Basu S, Datta SS. Are we missing reverse TRALI? - A real world experience from a tertiary care oncology centre in India. Transfus Apher Sci. 2022 May 25:103466. doi: 10.1016/j.transci.2022.103466. Epub ahead of print. PMID: 35654712.
- Basu D; Biswas D; Sinha A; Basheela N ; Chakrabarty R; Datta SS. Transfusion management in two patients with anti-f antibodies – A case report and review of the literature. Asian Journal of Transfusion Science : 10.4103/ajts.ajts\_103\_23, November 07, 2023. | DOI: 10.4103/ajts.ajts\_103\_23
- Basu D; Sinha A; Basheela N; Biswas D; Datta SS. Clinical spectrum of anti-E: A thought for transfusion services. Asian Journal of Transfusion Science ():10.4103/ajts.ajts\_218\_23, August 22, 2024. | DOI: 10.4103/ajts.ajts\_218\_23

➤ **Illustration:-**

- Basu D, Basu S, Reddy M, Gupta K, Roy J Fibrin in blood samples interferes with blood grouping by automation. Transfusion 2018;58:1831-32.

➤ **Abstract (Asian Journal of Transfusion Sciences):**

- Resolution of difficulty in compatibility testing in a case of AIHA by DTT treatment of serum- in April, 2015.

- NAT yield and its significance in multi-transfused thalassaemia patients: A study from Eastern India - in May, 2016.
- **Other publications:-**
- **Original article:-**
- Sinha A, Basu S, Basu D, Reddy M, Rophina M, Scaria V, Datta SS. Weak D testing might be discontinued for RhD-negative blood donors with C and E negative phenotypes in the Indian population. *Transfus Apher Sci.* 2025 Apr 3;64(3):104116. doi: 10.1016/j.transci.2025.104116. Epub ahead of print. PMID: 40187294.
- **Short Communication:-**
- Datta SS, Basu S, Basu D, Reddy M, Chatterji S. Positive direct antiglobulin tests in cancer patients hospitalized with COVID-19: A brief report from India. *Transfus Clin Biol.* 2022 Aug;29(3):253-256. doi: 10.1016/j.traccli.2022.05.002. Epub 2022 Jun 3. PMID: 35667591; PMCID: PMC9164435.
- Biswas D, Basu D, Nag A, Kumar J, Datta SS. A Brief Report on Pre-Transfusion Testing in Patients Receiving the Anti-CD38 Monoclonal Antibody for Hematological Disorders in India. *Indian J Hematol Blood Transfus.* 2024 Oct;40(4):710-714. doi: 10.1007/s12288-024-01763-5. Epub 2024 Apr 1. PMID: 39469163; PMCID: PMC11513064.
- **Case report:-**
- Rophina M, Sinha A, Biswas D, Basu D, Datta SS, Scaria V. Molecular basis of DEL phenotype in the Indian population: Insights from next-generation sequencing analysis of two cases. *Transfus Apher Sci.* 2024 Apr;63(2):103872. doi: 10.1016/j.transci.2024.103872. Epub 2024 Jan 22. PMID: 38272782.
- Rophina M; Imran M; Arvinden V. R.; Vignesh H; Scaria V; Basu D; Datta SS. Using next-generation sequencing to clarify the parental RhD genotypes of a



child with acute leukemia – A case report and review of the literature. *Asian Journal of Transfusion Science* ( ):10.4103/ajts.ajts\_48\_24, October 23, 2024. | DOI: 10.4103/ajts.ajts\_48\_24

- Biswas D, Basu D, Reddy M, Datta SS. Red cell antibodies or noise? A case series on reactivity against the ingredients in column matrix. *Asian J Transfus Sci.* 2024 Jul-Dec;18(2):341-344. doi: 10.4103/ajts.ajts\_97\_23. Epub 2023 Nov 7. PMID: 39822696; PMCID: PMC11734774.

➤ **Letter to the Editor:-**

- Datta SS, Basu D, Basu S. Screening of group O platelet donors for high-titer ABO antibodies- limitations, feasibility, and future. *Transfus Apher Sci.* 2022 Aug;61(4):103394. doi: 10.1016/j.transci.2022.103394. Epub 2022 Feb 8. PMID: 35151592.

- Sinha, A., Nag, A., Basu, D. *et al.* ABO-Mismatch Hematopoietic Stem Cell Transplantation with Pre-existing Red Cell Alloantibody Resembling a Case of Post-transplant Autoimmune Hemolytic Anemia. *Indian J Hematol Blood Transfus* (2024). <https://doi.org/10.1007/s12288-024-01883-y>

9. **Book chapter:-** 'Blood product support in HSCT' in 'Contemporary Bone Marrow Transplantation' . Editor Dr Reghu Sukumaran. Co authors Dr Sabita Basu, Dr Niharendu Ghara. Springer publishers.

**10.Oral presentations at conference:-**

- a) 1<sup>st</sup> National Hemovigilance conference 2021:-

- i) Are we missing reverse TRALI?

- b) Transmedcon 2022:-

- i) Auto antibody mimicking anti f

- c) AABB-AATM conference, 2023

- i) Blood group genotyping - a guide to phenotype matched transfusion in multitransfused patients: Preliminary data from an oncology center of Eastern India

11. Co-guide of DNB thesis project:-

- a) Determination of the prevalence of C,c,E and e antigens in Rh D negative individuals.
- b) Assessment of the performance of a non-invasive point-of-care device for hemoglobin estimation in blood donors

12. Speaker in many CMEs, faculty in many workshops, panelist in many panel discussions

Sebapriya Kumar  
8/5/26 .