

- **Name:** Dr. Debapriya Kumar (Basu)
- **Current designation:** Junior Consultant, Tata Medical Center, Kolkata
- **Contact details:**
 - Email id – jhumpa.kumar11@gmail.com
 - Phone no. - 03366057604
- **MBBS:** Passed MBBS from Nil Ratan Sircar Medical College, Kolkata in 2010.
- **MD:** Passed MD Immunohaematology and Blood Transfusion (IHBT) from Medical College, Kolkata in 2016
- **Fellowship:** In Transfusion Medicine at Tata Medical Center, Kolkata (2016-2019)
- **Post Fellowship experience:**
 - Consultant Medical Officer at Belur Sramajibi Swasthya Prkalpa Samity Blood Bank, Serampore, Hooghly - November, 2020 – July, 2021
 - Clinical Associate, Tata Medical Center Blood Centre :-August, 2021 – December,2022
- **Publications:**
 - 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 Mammen. Comparison of quality and efficacy of apheresis platelets stored in Platelet Additive Solution vis a vis plasma. Indian J Hematol Blood Transfus (2021).

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

➤ **Conference abstract publication:**

- Basu D, Mukherjee K, Talukder B, Datta SS. Resolution of difficulty in compatibility testing in a case of AIHA by DTT treatment of serum. [Asian J Transfus Sci. 2015 Apr; 9\(Suppl 1\): S45–S119.](#)
- Basu D, Mandal A, Samanta E et al. NAT yield and its significance in multi-transfused thalassaemia patients: A study from Eastern India. [Asian J Transfus Sci. 2016 May; 10\(3\): 34-98.](#)

➤ **Book chapter:**

- Basu S., Basu D., Ghara N. (2020) Blood Product Support in HSCT. In: Chandy M., Radhakrishnan V., Sukumaran R. (eds) Contemporary Bone Marrow Transplantation. Organ and Tissue Transplantation. Springer, Cham. https://doi.org/10.1007/978-3-319-64938-2_8-1.

➤ **Conference presentations:**

a) Transmedcon 2014:

- Resolution of difficulty in compatibility testing in a case of AIHA by DTT treatment of serum

b) Transmedcon 2015:

- Nat yield and its significance in multi-transfused thalassaemia patients: a study from Eastern India

c) Transmedcon 2017:

- ABO, Rhesus, and Kell antigens, alleles and haplotypes in West Bengal, India
- Comparison between plateletpheresis on the Trima Accel and Hemonetics Mcs+
- Irregular antibodies in blood donors- Experience from an Oncology center
- Importance of DAT in pretransfusion testing- A case report

d) Transmedcon 2021:

- Anti E in different clinical spectrum

e) AATM conference 2021:

- Across the ABO group platelet transfusion practice in an Oncology centre in Eastern India

f) 1st National Conference on Hemovigilance 2021

- Are we missing reverse TRALI?

g) Transmedcon 2022

- Autoantibody mimicking anti f

➤ **Award:**

- **Best oral paper presentation at 1st National Conference on Haemovigilance, 2021**

➤ **Clinical research experience:**

- Co-PI in the study titled ‘**Comparison of quality and efficacy of apheresis platelets stored in Platelet Additive Solution vis a vis plasma**’ held at Tata Medical Center, Kolkata (2017-2018)

➤ **Membership in professional bodies:**

- Indian society of Transfusion Medicine (ISTM)
- Asian Association of Transfusion Medicine (AATM)
- Association for the Advancement of Blood & Biotherapies (AABB)

➤ **Speakers in CMEs, faculty in workshops and panelist in panel discussions**