

**(Short CV in word Format)**

1. Name of the Employee: **APOORVA ANAND TALWAR**
2. Email id: **apoorva.anand@nib.gov.in**
3. Designation: **Junior Scientist**
4. Division/LAB: **Blood Products Laboratory**
5. Educational Qualification: **MSc. In Biochemistry**
6. Year of Joining: **2017**
7. Professional Experience: **Since 28 Jun'17 - till date :  
3 years & 8 months (28<sup>th</sup> June 2017 to 14<sup>th</sup> May 2019-  
Therapeutic Antibody Lab; 14<sup>th</sup> May 2019 to till  
date- Blood Products Lab)**



- Designing and conducting experiments for various biologicals and performing quality control testing for physical characterization of therapeutic monoclonal antibodies & plasma derived products by using different biotechnological and bioinformatics tools and techniques.
  - Expertise in performing various biological and chemical techniques such as Horizontal Electrophoresis, High performance Liquid Chromatography (HPLC), Atomic Absorption Spectrometry (AAS), Capillary Electrophoresis etc.
  - Preparing and supervising the preparation of laboratory reports for releasing certificate of analysis of the tested batch within the stipulated timeframe as required.
  - Preparing and reviewing SOPs as per the pharmacopoeia and standard guidelines relevant in the field of Biologicals.
  - Actively participating in ISO/IEC 17025 to implement a quality system aimed at improving the ability to consistently produce valid results and in order for accreditation bodies to recognize each other's accreditations through the Asia Pacific Laboratory Accreditation Cooperation (APLAC).
  - Supervising Master's and Bachelor's students for dissertation programs, teaching lab techniques and mentoring them in report preparation and thesis for dissertation.
8. Major Publications:

- Published a research article entitled “Comparative analytical profiling of bevacizumab biosimilar marketed in India: a national control laboratory study” in Journal in 3Biotech.
- Published a review article entitled “Various Approaches to Estimate Potency of Anti-D Immunoglobulin” in Journal of Pediatrics, Obstetrics and Gynecology (JPOG).
- Published an article entitled “Significance of correction of P value in statistical comparisons among multiple groups in biological research” in European Journal of Biomedical and Pharmaceutical Sciences (EJBPS).
- Published an article entitled “Understanding statistical concepts in laboratory quality control measures in biomedical research” in International Journal of Research in Medical Sciences (JRMS).