

1. Name of the Employee: Dr. Charu Mehra Kamal
2. Email id: cmkamal@nib.gov.in
3. Designation: Scientist Grade-II
4. Division/LAB: Recombinant Products, Enzymes & Hormones and Therapeutic Antibodies Laboratory
5. Educational Qualification: Post graduate and Doctorate of Philosophy in Biotechnology
6. Year of Joining: 2004
7. Professional Experience: Sixteen Years and nine months in Quality Control of Biologicals at NIB NOIDA
8. Major Publications: Eight



### **Publications**

1. **Charu Mehra Kamal**, Arun Kumar, Pankaj Kumar Sharma, Sanjeev Kumar Sharma, Brij Bhushan, Rajeev Kumar, Mohit Sharma and Reba Chhabra ( 2015) Stability of plasma samples positive for anti-HIV antibodies stored over a decade. International Journal of Current Research (IJCR); Vol. 7, Issue, 11, pp.22336-22338, November, 2015
2. **Charu Mehra Kamal**, Aakanksha Yadav, Pankaj Kumar Sharma, Rajeev Kumar, Sanjeev Kumar Sharma, Brij Bhushan and Reba Chhabra.( 2015) Pilot Study on the Stability of Internal Quality Control Samples for Anti-HCV Immunodiagnostic Assays. International Journal of Biomedical and Advance Research (IJBAR); 6 (12): 854-857 December, 2015
3. Richa Baranwal, Rashmi Srivastava, Nanda Gopal, Subhash Kumar, Rajeev Srivastava, Mohit Kumar, Aditi Saini, Rashmi Jain, Niharika Sood, **Charu M Kamal**, Prasad, J.P., Shikha Yadav **(2016)** Evaluation of Therapeutic Recombinant Follicle Stimulating Hormone Batches for their Identity and Potency before use in patients. International Journal of Current Research (IJCR); Vol. 7, Issue, 11, pp.22336-22338, January, 2016
4. Shikha Yadav, Richa Baranwal, Rashmi Srivastava, N. Gopal, Subhash Kumar, Rajeev Srivastav, Brij Bahadur, Mohit Kumar, Rashmi Jain, Niharika Sood. **Charu M Kamal**, Prasad, J.P. (2016) Assuring the Quality of Human Menopausal Gonadotropin (Menotrophin) Batches by establishing their FSH and LH Activities before use in treatment of infertility.International Journal of Current Research (IJCR); Vol. 7, Issue, 11, pp.22336-22338, January, 2016
5. Sanjay Mendiratta, **Charu Mehra Kamal\***, Suneete Sharma, Reba Chhabra and Surinder Singh (2017) Dried tube specimens: A tool to ensure effective proficiency testing & quality control of Hepatitis B virus diagnosis in developing countries. International Journal of Biomedical and Advance Research (IJBAR); 8 (6): 233-238 June 2017

6. Gurminder Bindra, **Charu Mehra Kamal**, Meena Kumari, Sanjay Mendiratta, Preety Sharma, Surinder Singh (2019) Role of NIB in connecting science to patients by assuring safe and quality anti Diabetic product. Journal of Medical Sciences 2019; 22(1):16-20
7. Gurminder Bindra , Gaurav Pratap Singh Jadaun, Shruti Dixit, Vandana Saklani , Zafar Abbas, Parveen Jain, Kim B Dancheck, Matthew W Borer, Meena Kumari, **Charu Mehra Kamal**, Renu Jain, Surinder Singh, Participants of the Study : Establishment of the First National Reference Standard for Insulin Lispro: Report of a Collaborative Study Biologicals 2019 Mar; 58:1-6
8. Matthew Locke, Peter Rigsby, Colin Longstaff and participants of the study (From NIB: B. Kumar, **C. Kamal**, R Baranwal, B. Bahadur, M Kumar and A Bisht) (2020) An international collaborative study to establish the WHO 4<sup>th</sup> International Standard for Streptokinase: Communication from the SSC of the ISTH Journal of Thrombosis and Haemostasis/ Volume 18, Issue 6 February 2020

#### **Publications in Expert Committee on Biological Standardization, WHO**

9. Ben Cowper, Peter Rigsby, Thomas Dougall and Chris Burns, participants of study (from NIB- Dr. Renu Jain, **Dr. Charu Mehra Kamal**, Dr. Meena Kumari & Chanda Sinha) WHO International Collaborative Study of the Proposed 2nd International Standard for Parathyroid Hormone 1-34, Recombinant, Human: WHO/BS/2017.2312 Expert Committee on Biological Standardization, WHO Geneva, 17 – 20 October 2017
10. Dianna E. Wilkinson, Wolfram H. Gerlich, Christian G. Schüttler, Dieter Glebe, Heinrich Scheiblauer, Sigrid Nick, Michael Chudy, Thomas Dougall , Lindsay Forrest, Alan B. Heath and the Collaborative Study Group\* (from NIB- Dr Reba Chhabra, **Dr Charu M Kamal** & Sanjeev Sharma) Collaborative Study to Evaluate the Candidate 3rd WHO International Standard for Hepatitis B Surface Antigen. : WHO/BS/2014.2241: Expert Committee on Biological Standardization Geneva, 13 to 17 October 2014

#### **Publications in National/ International Conferences**

1. Poster presentation entitled “**Immunological perspective in the pathogenesis of Alcoholic Liver Disease**” at International Conference “Chemistry Biology Interface: Synergistic New Frontiers” held at New Delhi (21-26<sup>th</sup> Nov’2004)
2. Poster presentation entitled “**Role of NIB in connecting science to patients by assuring safe and quality anti Diabetic product**” in the 2nd JK Medical Science Congress 2017, Srinagar (18-22 May 2017).
3. Abstract of the paper entitled “**Experimental Animal Model for Alcoholic Liver Disease**” accepted for paper presentation at joint meeting of the 5<sup>th</sup> World

Multiconference on Systemics, Cybernetics and Informatics (SCI' 2001) and 7<sup>th</sup> International Conference on Information Systems Analysis and Synthesis (ISAS' 2001), Orlando, USA, 22-25<sup>th</sup> July'2001.

4. Presented a poster entitled "**Experimental Animal Model for Alcoholic Liver Disease**" in the 1<sup>st</sup> Annual Symposium in Biomedical Sciences held at Dr. B R Ambedkar Center for Biomedical Research, University of Delhi (13-14<sup>th</sup> April 2001).

### **Monographs**

- Contributed to various monographs for Biotechnology Derived Therapeutic Products in Indian Pharmacopoeia 2018.