

**NATIONAL INSTITUTE OF BIOLOGICALS, NOIDA
PUBLICATIONS BY THE NIB SCIENTISTS**

| S.No | Authors | Year | Title | Journal | Lab/ Deptt |
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| 1. | Rashmi Shrivastava, Shalini Tewari, Charu Mehra Kamal, Niharika Trivedi, Manisha Varshney, Aakanksha Yadav, Anupkumar R. Anvikar | 2022 | National Control Laboratories in quality healthcare-a roadblock for substandard biopharmaceuticals | Biologicals. Volume 76. 2022. Pages 42-45, ISSN 1045-1056. https://doi.org/10.1016/j.biologicals.2022.02.002 | Quality Management Unit |
| 2. | Birender Kumar, Charu Mehra Kamal, Gurminder Bindra, Sanjay Mendiratta, Mohit Lal, Poonam Katoch, Anupkumar R Anvikar | 2022 | Evaluation of Potency of Erythropoietin Injection available in Indian Market to Assess its quality | Inventi Rapid: Biosimilars & Biopharmaceuticals Vol. 2022, Issue 1 | Recombinant Product Laboratory |
| 3. | Anu Prakash, Nripendra N. Mishra, Utpreksha Vaish, Sonia Sharma, Apoorva Anand, Richi V. Mahajan, J. P. Prasad & Subhash Chand | 2020 | Comparative analytical profiling of bevacizumab biosimilars marketed in India: a national control laboratory study | 3 Biotech 10, 516 (2020). https://doi.org/10.1007/s13205-020-02506-9 | Therapeutic Antibodies Laboratory |
| 4 | Bisht A, Marwaha N, Kaur R, Gupta D, Chhabra R. | 2020 | Haemovigilance programme of India: Comparative analysis of transfusion reactions reported over a 5-year period through two reporting formats and key recommendations for blood safety | Asian J Transfus Sci 2020;14:103-16 | HvPI |

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| 5 | Kumar, S., Yadav, P. K., Srinivasan, R., Perumal, N. | 2020 | Selection of animal models for COVID-19 research | Virus disease. 2020 Dec 2; 31(4):1–6. Advance online publication. https://doi.org/10.1007/s13337-020-00637-4 PMID: 33283030; PMCID: PMC7709475. | Animal facility |
| 6 | Subhash Chand, Utpreksha Vaish, Anu Sharma, Nripendr N. Mishra, J.P. Prasad, R.V. Mahajan. | 2020 | A reliable assay for ensuring the biological activity of anti T lymphocyte immunoglobulin as an alternate to compendial flow cytometry method. | Biologicals. 2020. Pii: S1045- 1056(20)30012-9. doi: 10.1016/j.biologicals.2020.01.002 | Therapeutic Antibodies Laboratory |

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| 7 | Jaipal Meena, Shivani Sood, Neha Rani, Roshita Bisht, Manjula Kiran, Reba Chhabra, Surinder Singh, Subhash Chand | 2019 | Estimation of potency of Hepatitis B immunoglobulin marketed in India to evaluate the manufacturer's production consistency: Role of National Control Laboratory | Biologicals Volume 59, May 2019, Pages 72-73 | Vaccine & Antisera lab |
| 8 | Swati Shalini, Rashmi Srivastava, Harit Kasana, Mohit Sharma, Swati Sharma, Meenakshi Chaudhary, Priyanka Gupta, Charu Sharma, Sandeep Rawat, Dikamber Singh, Kallol Saha and Reba Chhabra | 2019 | Analysis of market trend of Human Albumin and Coagulation factors in India | International Journal of Biomedical and Advance Research, Vol 10 No 10 (2019): Oct e5268 | Sample Receipt & Report Dispatch Unit |

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| 9 | Gurminder Bindra, Gaurav Pratap Singh Jadaun, Shruti Dixit, Vandana Saklani, Zafar Abbas, Parveen Jain, Kim B Dancheck, Matthe w W. Borer, Meena Kumari, Charu Mehra Kamal, Renu Jain, Surinder Singh and Participants of the Study | 2019 | Establishment of the First National Reference Standard for Insulin Lispro: Report of a collaborative study | Biologicals, 58 (2019) 1–6 | Recombinant Product Laboratory |
| 10 | 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 products | Journal of Medical Sciences 2019; 22(1):16-20 | Recombinant Product Laboratory |

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| 11 | Shruti Samlet, Kedar Shedage, ParasJain, Jay Bajarang Singh, Brij Bahadur, Mohit Kumar, Akanksha Bisht. | 2019 | Attributes of Bacterial Endotoxin test (BET) and its comparison with rabbit pyrogen test. | International Journal of AdvancedResearch, Vol-7, Issue – 5, 850-857 | Enzymes & Hormones Laboratory |
| 12 | Paras Jain, Sanjay Kumar Ojha, Vikrant Kumar, Sameer Bakhshi, Sarman Singh and Savita Yadav. | 2019 | Differential Seminal Plasma Proteome Signatures of Acute Lymphoblastic Leukemia Survivors | Reproductive Biology, Vol-19, Issue – 4, 322-328 | Enzymes & Hormones Laboratory |

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| 13 | Sandra Prior, Simon .E Hufton, et. al and Participants of study (TMA Lab, NIB) | 2018 | International standards for monoclonal antibodies to support pre- and post- marketing product consistency: Evaluation of a candidate international standard for the bioactivities of rituximab. | mAbs (journal), 10(1):129-142 | Therapeutic Antibodies Laboratory |
| 14 | Bisht Akanksha, Marwaha Neelam, Kaur Ravneet, Gupta Debasish, Singh Surinder | 2018 | Haemovigilance Programme of India: Analysis of transfusion reactions reported from January 2013 to April 2016 and key recommendations for blood safety | Asian Journal of Transfusion Science, 12(1):1-7 | Haemovigilance |

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| 15 | Richi V Mahajan, Subhash Chand, Mahendra Pal Singh, Apurwa Kestwal, Surinder Singh | 2018 | Advances in Production of Therapeutic Monoclonal Antibodies | A handbook on high value fermentation products"; Scrivener Publishing USA, Vol – 1, 2019. ISBN: 9781119460015 | Therapeutic Antibodies Laboratory |
| 16 | Subhash Chand, Birendra Kumar, Vivek Morris Prathap, Surinder Singh, Richi V Mahajan | 2018 | Quality assurance of Rituximab(anti-CD 20) antibodies by potency testing: Determining the System Suitability Criteria and Sample Acceptance Criteria | Current Science, Vol. 114, No. 12 | Therapeutic Antibodies Laboratory |

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| 17 | Suresh Kumar, Vijay K. Bharti, Prdeep Kumar and Ramendra Pati Pandey | 2018 | Proposed deletion of Abnormal Toxicity test and 3R initiatives for other safety test of biologicals. | Source Journal of Pharmaceutical Sciences, Volume 1, 1-16 | Animal Facility |
| 18 | Suresh Kumar, Mahendra Pal Singh, Vijay K. Bharti and Ramendra Pati Pandey | 2018 | Quality Control of Vaccine: A journey from classical approach to 3Rs. | Microbiol Curr Res, Volume 2, Issue 2, 14-30. | Animal Facility |

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| 19 | R.K.Sharma, Pallavi Kumari, Rajeev Kumar,R.K. Sharma, Brijbhushan, Reba Chhabra and Surinder Singh | 2018 | Marching towards Chemiluminescence Immunoassays in screening of Donors for Blood Borne Viral Infections. | IOSR Journal of Pharmacy and Biological Sciences. Volume 13, Issue 2, Ver. II (March-April 2018) pp. 15-19 | Immunodiagnostic kits & Molecular Diagnostic Laboratory |
| 20 | Sudha V. Gopinath, J. P. Prasad | 2018 | Intravenous Immunoglobulin Preparations: Quality Assurance Measures and Proposed Strategies for improving its Safe and Judicious use in India. | Applied Clinical Research, Clinical Trials and RegulatoryAffairs Volume 5, Issue 1, 2018 DOI: 10.2174/2213476X05666180313124525 | Blood Products Laboratory |

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| 21 | 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) | 2018 | WHO International Collaborative Study of the Proposed 2nd International Standard for Parathyroid Hormone 1-34, Recombinant, Human | Expert Committee on Biological Standardization, WHO Geneva , 17 – 20 October 2017 | Recombinant Product Laboratory |
| 22 | Charu Arora, A. Prakash, J. P. Prakash, Y. Madhu, Sudha V. Gopinath, S. Singh, P. Kumar, Ankita Singh, A. Kumar and V. Singh | 2018 | A comparative study of various compendial biuret methods for estimation of protein in human biologicals | Indian Journal of Pharmaceutical Sciences 2018; 80(5); 946-949 | Blood Products Laboratory |

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| 23 | Ajanta Sircar, Tara Chand, Aalapti Singh, Sunita Koholi | 2017 | Control Testing Batches of Blood Glucose Test Strips- made for use with Glucometers as closed system at NIB: An overview of the procedure, profile of samples tested and the findings | IOSR Journal of Pharmacy and Biological Sciences (IOSR- JPBS) e-ISSN:2278-3008, p- ISSN:2319-7676, Volume 12, Issue 4 Ver. VIII (Jul - Aug 2017), PP 01-11 | Biochemical Kits Laboratory |
| 24 | Upma Sharma, Paalavi Singhal, Kapil Bandil, Anoop Kumar | 2017 | Genetic variations of IL-10: Identification of novel variations and evaluation of the impact of SNPs/haplotype in the promoter region with the progression of Oral Squamous Cell Carcinoma in Indian population | Cytokine, Pii:S1043-4666(17) 30273-9 | Immunodiagnostic Kits & Molecular Diagnostic Laboratory |

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| 26 | Suresh Kumar, Ramendra Patil Pandey, Vijay K. Bharti, Nitika Sharma, Jai Bajarang Singh, Abhishek Chanchal and Saheem Ahmad | 2017 | Evaluation of nanoparticles pyrogenicity” | European Journal of Biomedical and Pharmaceutical Sciences, Volume 4(3), 168-183. | Animal Facility |

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| 27 | Manoj Kumar Rajput, AnoopKumar | 2017 | Influx of recombinant insulin and its analogues for management of diabetes in India | International Journal of Diabetes in Developing Countries, s13410-017-0552-7 | Immunodiagnostic Kits & Molecular Diagnostic Laboratory |
| 28 | Anoop Kumar, Manoj Kumar, Deepika Paliwal, Aakanksha Yadav, Reba Chhabra, Dr. Surinder Singh | 2017 | Genotyping and Diagnostic Method for HCV: A need of low resources countries: An Update | Indian J Med Res, Vol – 147 (5), 445-455 | Immunodiagnostic Kits & Molecular Diagnostic Laboratory |

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| 29 | Anoop Kumar | 2017 | Structural and epitope analysis (T- and B-cell epitopes) of Hepatitis C Virus (HCV) glycoproteins: an in- silico approach | Journal of Clinical and Experimental Hepatology, Vol – 8 (4), 352-361 | Immunodiagnostic Kits & Molecular Diagnostic Laboratory |
| 30 | Yadav S, Yadav I, Pratap K, Tiwari PK, Singh VP | 2017 | Reproductive performance of genetically engineered mice housed in different housing system | Laboratory Animal Research, Jun; 33(2): 68-75 | Animal Facility |

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| 31 | Karan Singh, Shikha Yadav, Inderjeet Yadav, Dinesh Kanwar, Vijay Pal Singh | 2017 | Murine Dystocia and Surgical Management | Journal of Laboratory AnimalScience, Jan-June 2017: 13-15 | Animal Facility |
| 32 | Karan Singh, Shikha Yadav, Inderjeet Yadav, Dinesh Kanwar, Vijay Pal Singh | 2017 | Management of Gastric Dilatation/Bloat in Rabbit | Journal of Laboratory AnimalScience, Jan-June 2017: 1-3 | Animal Facility |

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| 33 | Ramendra Patil, Pandey and Suresh Kumar | 2017 | Nano Medicine and immune response”, Indian Journal of Hospital Infection, | Indian Journal of Hospital Infection, Vol 1, No 1, January - June 2017 | Animal Facility |
| 34 | Chanda Sinha, Meena Kumari, Shagun Wadhwa, Zafar Abbas, Y Madhu, Renu Jain, G.R.Soni, Surinder Singh | 2017 | Collaborative study to evaluate the inter laboratory reproducibility for Gel Electrophoresis by SDS PAGE on human Erythropoietin drug samples | J Med Health Sci, Vol-6 Issue-4. | Recombinant Product Laboratory |

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| 35 | 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 | International Journal of Biomedical and Advance Research, 8(06): 233-238 | Recombinant Product Laboratory |
| 36 | Subhash Chand, Kallol Saha, Prakash Singh, Smriti, Neeraj Malik | 2016 | Determination of minimum inhibitory concentration of routinely used disinfectants against microflora isolated from clean rooms | International Journal of Current Microbiology and Applied Sciences, Volume 44, Issue 6, November 2016, Pages 591-595 | Sterility Laboratory |

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| 37 | Kiran Manjula, Tewari Shalini, Meena Jaipal, Farha Hasan, Ajay Kumar Ade, Bindra Gurminder, Chand Subhash, Malik Neeraj, Soni, G.R. & Singh Surinder | 2016 | Quality Evaluation of Rubella Vaccine used in India | International Journal of Biomedical and Advance Research, Vol 5, no. 1(2016), PP 334-341 | Vaccine & Antisera Laboratory |
| 38 | Subhash Chand, Gurminder Bindra, Suarabh Vaishnav, Anupama Pandey, Ayush Karol, Faraz Sheikh, Jaipal Meena, Shalini Tewari, ManjulaKiran, Neeraj Malik, Shikha Yadav, G.R. Soni & SurinderSingh | 2016 | Comparative evaluation for safety and potency of inactivated cell culture rabies vaccine from four Indian Manufacturers | International Journal of Biomedical and Advance Research, 7(1): PP 027-030 | Vaccine & Antisera Laboratory |

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| 39 | Richa Baranwal, Rashmi Srivastava, Nanda Gopal, Subhash Kumar, Rajeev Srivastava, Mohitkumar, 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, 7(1) : PP 012-016 | Enzymes & Hormones Laboratory |
| 40 | 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, Vol 8, Issue 01, PP 25049-25052 | Enzymes & Hormones Laboratory |

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| 41 | Manoj KumarRajput | 2016 | Automated Triplex (HBV,HCV and HIV) NAT Assay Systems for Blood Screening in India | Journal of Clinical andDiagnostic Research, Vol 8, Issue 02, PP 26214-26217 | Immunodiagnostic Kits & MolecularDiagnostic Laboratory |
| 42 | Anugrag S. Rathore, Mili Pathak, Gaurav Pratap Singh Jadaun | 2016 | Monitoring of BiotherapeuticProduct Quality Using Multivariate Data Analysis | The AAPS Journal, Vol 10(2):KE01-KE04 | Recombinant Product Laboratory |

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| 43 | Y.Madhu, Gaurav Pratap Singh Jadaun, N. Nanda Gopal, Zafar Abbas, Saurav Sharma, G.R. Soni, Surinder Singh | 2016 | An Inter Laboratory Comparison Study on Biological Products for Bacterial Endotoxin Test | International Journal of Pharma Research & Review, Vol – 5 (1), 44 – 49 | Recombinant Product Laboratory |
| 44 | Gaurav Pratap Singh Jadaun, Vandana Saklani, Shruti Dixit, Rashmi Rawat, Gul RajSoni | 2016 | Comparison of Two Pharmacopoeia Methods for Determining Higher Molecular Weight Proteins in Insulin Glargine | Pharmaceutical Methods, 5(1) | Recombinant Product Laboratory |

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| 46 | Akanksha Bisht, Surinder Singh, Neelam Marwaha | 2016 | National Blood Donor VigilanceProgramme: India | Asian Journal Transfusion Science, Vol 4, Issue 1, | Haemovigilance |

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| 47 | Prasad J.P, Madhu Y, Mandhan Arushi, GargPayal, Prakash Anu, Singh Varsha, Ali Md.Daud, Kumar Prdeep, Singh Surinder, Soni G R, Singh Varun | 2016 | Comparative Study of two ELISA Kits for estimation of Antibodies to Hepatitis B Virusin Human Normal Immunoglobulin and specific Immunoglobulin Intended for Intravenous or Intramuscular Use | Indian Journal of Clinical Biochemistry, Vol 10, Issue 1, 1-2 | Blood Products Laboratory |
| 48 | R. Thakur, Y. Kumar, V.Singh N. Gupta, V.B. Vaish, and S. Gupta | 2016 | Serogroup distribution, antibiogram patterns & prevalence of ESBL productionin Escherichia coli. | Indian Journal of MedicalResearch, DOI 10.1007/s12291-016-0590-9 | Blood Products Laboratory |

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| 50 | Kabita Chatterjee, Shamsuz Zaman, Rahul Chaurasia, Surinder Singh, Shawn D. Keil, Shalini Tewari, Akanksha Bisht, Nitin Agarwal, Diptiranjana Rout, Subhash Chand, Kallol Saha | 2016 | Evaluation of Mirasol pathogen reduction system by artificially contaminating platelet concentrates with Staphylococcus epidermidis: A pilot study from India | Asian Journal of Transfusion Science, 10:127-31 | Sterility Laboratory |

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| 52 | Satyajeet Singh, Dr. Akanksha Bisht, Dr. Surinder Singh, Dr. V. Kalaisalven, Varun Chopra, Pallavi Kumari, Ruchi Rao | 2015 | Review on Haemovigilance Practice in India | World Journal of Pharmacy & Pharmaceutical sciences, Volume 4, Issue 12, pp 350-357 | Haemovigilance |

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| 53 | Dr. Akanksha Bisht, Dr. Surinder Singh, Dr. Shakti Kumar Gupta | 2015 | Transfusion reaction reporting culture in Haemovigilance Programme of India since its inception | International Journal of Research foundation of Hospital & Healthcare administration, July-December 2015; Vol. 3, Number 2: 69-70 | Haemovigilance |
| 54 | Sharma, R.K., Sudha V Gopinath, Prasad J.P., Ali Md. Daud, Soni, G.R. and Singh Surinder | 2015 | Exploring Possibility of Using Reconstituted British Reference Preparation beyond its recommended shelf life for studying molecular size distribution in human normal intravenous immunoglobulin | International Journal of Current Research, Volume 7, Issue, 09, pp.19914-19915 | Blood Products Laboratory |

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| 56 | Prasad J.P., Meena*, Madhu. E, Ahuja Kanchan, Kumar Subhash, Bhatt Priya | 2015 | Trend of Blood Groups and Rh Factor in last decade with Indian Capital: Delhi | International Journal of CurrentResearch and Academic review, ISSN: 2347- 3215 Volume 3 Number 10 pp. 115- 120 | Blood Reagent Laboratory |

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