

- Member* Shri Zoher Sihorwala  
Head-Global Regulatory Affairs  
Wockhardt Research Centre,  
D4, MIDC, Chikalthana,  
Aurangabad-431 006.
- Member* Dr. D. J. Kalita  
Head-Technical and Regulatory  
Zenex Animal Health India Pvt. Ltd.,  
Zyodus Corporate Park, Scheme No. 63,  
Survey No. 536, Khoraj,  
Near Vaishnodevi Circle, S.G. Highway,  
Ahmedabad 382 481.
- Member-Secretary (ex-officio)* Dr. Rajeev Singh Raghuvanshi  
Secretary-cum-Scientific Director  
Ministry of Health & Family Welfare,  
Indian Pharmacopoeia Commission,  
Sector-23, Raj Nagar,  
Ghaziabad-201 002.

### Expert Working Groups

#### Review of IP Work

Prof. A.K. Bansal, Dr. Anurag Sood, Dr. Archana Bahuguna, Dr. Ashok Panwar, Ashok Rampal, Gaurang Oza, Hrushikesh Mahapatra, Dr. Indu Bhushan, Neelam Tarani, Dr. R.A. Singh, Rahul Dev Shakya, Dr. Ravi Shah, Santosh K. Deolia, Shantanu R. Chobhe, Sheetal Pise, Subhendu Sinha Chaudhari, CDSCO Nominee.

#### Allergen

Dr. S.N. Gaur, Prof. M.K. Agarwal, Dr. Surya Kant, Dr. A.K. Jain, Dr. Naveen Arora, Dr. W.A. Shaikh, Dr. Nagendra Prasad, Dr. S.E. Reddy, Dr. Jai Prakash, Dr. Achla Prasad.

#### Alternatives to Animal Methods

Dr. Vijay Pal Singh, Dr. Aditya B. Pant, Dr. A.K. Tiwari, Dr. Shubh Narayan Rath, Dr. Ramachandra S.G., Dr. Aniket Sanyal, Dr. Sunil Goel, Dr. D. Mahesh, CDSCO Nominee

#### Anti-Cancer

Ajay Shankar Singh, Mohan Jain, Dr. N. Padmaja, Dr. S. D. Sinha, Dr. Sanjeev Kumar.

#### Anti-Retroviral

Dr. Balamurugan K., Deepak Arora, Dr. Imtiyaz Basade, Dr. Jayvant Narayan Harlikar, Dr. K. Rathnakar Reddy, Navneet V. Mehta, Rajgopal Bhutada, Sameer Anilkumar Pandit, Dr. Shweta Mittal, Thyagrajan P., CDSCO Nominee.

#### Anti-Sera

Dr. Krishna Mohan B., Dr. Aldon Fernandes, Dr. Sumant Karnik, Leena Menghaney, Dr. Amulya K. Panda, Dr. Nitin Salvi, Dr. Anil Yadav, Dr. Anand Zachariah, CDL, Kasauli Nominee, CRI, Kasauli Nominee, CDSCO Nominee

and IPC Nominee.

#### Biological and rDNA Products

Dr. Charu M. Kamal, Dr. Samir Kumar Mandal, Parveen Jain, Dr. Rahul Kulkarni, Dr. Rama Shanker Verma, Dr. Sriram Akundi, Dr. Rajesh Singh, Dr. Anurag Rathore, Dr. Swarnendu Bag, Dr. Sujata Halder, Dr. Susobhan Das, Dr. Mahesh K. Bhalgat, Prasun Guha, Dr. Vipul Kumar Gupta, CDSCO Nominee.

#### Blood and Blood Related Products

Dr. Debasish Gupta, Dr. J. P. Prasad, Dr. Meena Kumari, Kanchan Ahuja, Dr. Ranjeet S. Ajmani, Dr. Rajendra Chaudhary, Dr. Ratti Ram Sharma, Dr. Meenu Bajpai, Prof. (Dr.) Jayashree Sharma, Prof. Renu Saxena, Dr. Sangeeta Pahuja, Dr. Aldon Fernandes, Ritesh Saraf, Dr. Uma Devi Komath.

#### Joint Working Group-Biologicals

Dr. Harish Chander, Sushil Kumar Sahu, CDSCO Nominee, IPC Nominee.

#### Excipients

Dr. Ajaya Prakash, Amit Saxena, Chegonda Krishna Kumar, Kaushik Desai, Rajesh Kapoor, Dr. Satish Chand Saini, Shailesh Sham Wagh, CDSCO Nominee.

#### Fixed Dose Combinations

Jaya Walia, Dr. Manish Gangrade, Neelam Tarani, Dr. Pirthi Pal Singh, Priya Sanjay Singh, Rahul Dev Shakya, Dr. Rajiv Desai, Sampat Chavan, Dr. Saurabh Srivastava, Sohiny Sharma, Dr. Subhash C. Mandal, Sudama Prasad, CDSCO Nominee.

#### General Chapters

Dr. Archana Bahuguna, Dr. Ashok Panwar, Dr. Deo Narain Dikshit, Dr. Dileep Maganrao Bhosale, Gaurang Oza, Dr. Kundal Patil, Dr. Mangesh Chhatre, Manoj Dorlikar, Murugan Sarvanan, Nilesh Kumar Saluja, Paras Nath Singh, P. Rita Santhakumar, Sasi C. Nair, Subhendu Sinha Chaudhari, CDSCO Nominee.

#### Herbal & Phytopharmaceutical

Prof. (Dr.) Inder Pal Singh, Dr. A. K. Pradhan, Dr. D. B. Anantha Narayana, Prof. (Dr.) Kanchan Kohli, Prof. (Dr.) R. K. Goyal, Dr. Amit Aggarwal, Dr. Karuna Shanker, Dr. G. V. R. Joseph, Prof. (Dr.) Sayeed Ahmed.

#### Impurity Standard Review

Dr. Anil Kumar Tyagi, Dr. D.P. Pathak, Dr. Hemant Kumar Sharma, Dr. P. R. Upadhyay, Prof. Saranjit Singh, Dr. S. K. Dubey, Dr. Vinod Kumar Kansal.

**IPRS Review**

A.K. Pradhan, Ashok Panwar, Dr. Girish Juneja, Dr. Raman Mohan Singh, Dr. Ravi Shankar, Dr. Sanjay Singh, Shailendra Kumar Mishra, Dr. Vinay G. Nayak.

**Medical Devices**

Dr. S. Eswara Reddy, Aseem Sahu, Dr. Hitendra Sahu, Prakash Bachani, Rajiv Nath, Dr. Ajai Shahi, Sempal, Dr. Satyanarayan, Dr. Naresh Bhatnagar, Dr. Ashwini Agarwal, Dr. Veena Koul, A K Pradhan, Shri PV Mathew.

**Microbiology-General**

Dr. J. P. Mehta, Dr. Vaishali N. Patel, C. Hariharan, Dr. P. K. Chitnis, Dr. Suhas Mangaonkar, Om Prakash Verma, Chetananand Pathak, Dr. Ashish Sehgal, Dr. Rahul Warke.

**Ophthalmic**

Dr. Bhavna Negi, Navneet V. Mehta, P. Venkata Reddy, Dr. R.A. Singh, R. T. Arasu, S. M. Mudda, Shakila S. Pai.

**Packaging Material**

Anindya Munshi, A.K. Bhatnagar, A.K. Pradhan, Dr. Dinesh Kumar Bhardwaj, Rahul Bhargava, Dr. Vijay Ji Habbu, Dr. Vijay Kumar, Dr. V.P. Sharma.

**Radiopharmaceuticals**

Dr. A.K. Singh, Dr. Aruna Korde, Dr. C.S. Bal, Dr. D.K. Dubey, Dr. M. G. R. Rajan, Dr. Rakesh Kumar Sharma.

**Toxicology**

Balaji M.R., Dr. Balamurugan K., Dr. Jayvant Narayan Harlikar, Nilesh Kumar Saluja, Dr. Niranjan Mukund Deshpande, Sasi C. Nair, Dr. Vyas M. Shingatgeri, Dr. V. P. Sharma, CDSCO Nominee.

**Vaccines and Immunosera for Human Use**

Dr. Arun Bhardwaj, Dr. K. Anand Kumar, Dr. Krishna Mohan, Dr. Mahesh K. Bhalgat, Dr. Parag Nagarkar, Dr. Rajesh Jain, Dr. V.G. Somani.

**Veterinary Products**

Prof. S.K. Garg, Dr. Praveen Malik, Rajesh Kumar Verma, Dr. R.K. Singh, Dr. B.P. Srinivasa, Dr. S.M. Byregowda, Dr. A.K. Tiwari, Dr. B. Mohana Subramanian, Dr. R.P. Singh, Dr. N.K. Mahajan, Dr. Arun Atrey, Dr. Sandeep Singh, Dr. V.A. Srinivasan, Dr. G.S. Reddy, Dr. B. Piruthiviraj, Dr. D.J. Kalita, Nitin Bhatia, Sanjay Gavkare, Dr. T.V.S. Rao, Dr. M. P. Yadav, Dr. C. H. Pawshe.

**Vitamins, Minerals, Amino Acids, Fatty Acids**

Dr. B. Dinesh Kumar, Dr. Chandrasekhar Kabidayal, Girish Juneja, Harish Kumar K., Dr. Hemal Patel, Dr. Parvinder Pal Singh, Sampat Chavan, Sanjeev Kumar, Sudama Prasad, Sunil Bakshi, Dr. Yogendra Singh.

**IP Digitalization**

Dr. Pradeep Srivastava, Deepak Magoo, Atanu Roy, Saurab Biswas, Bharati Khanna, Rajender Singh, CDSCO Nominee.

**IPC Secretariat and Staff**

Scientific and administrative support to the Expert Working Groups has been extended by the following staff of the IPC.

**Secretary-cum-Scientific Director, IPC**

Dr. Rajeev Singh Raghuvanshi.

**Personnel Staff to the Secretary-cum-Scientific Director**

Bhupendra Kumar and Surinder Kumar.

**Analytical Research and Development Division**

Dr. Gaurav Pratap Singh Jadaun, Dr. Pawan Kumar Saini, Dr. Shruti Rastogi, Anirudha Malik, Dr. Pawan Kumar, Prashanth Rachoore, Namita, S. K. Sharma, R. K. Sharma, Abhishek Kumar, Dr. Amit Kumar, Jaishiv Chauhan, Suhit Saxena, Sonika Tyagi, Jyoti Panchal, Ramendra Singh, Amit Kumar Vats, Preeti, Sonam Yadav, Devesh Chikara, Sujitkumar Kanojia, Asmita Singh, Kshitiz Sahu, Himanshu, Praveen Singh, Munendra Kumar Poonia, Ankit Tripathi, Murari and Vishal Kumar.

**Reference Standard Division**

Dr. Robin Kumar, Dr. Anuj Prakash, Dr. Manisha Trivedi, Arvind Kumar Sharma, Priyanka Nagar, Bijender Kumar, Manoj Kumar Bagri, Suryadev Sharma, Pooja Nagpal, Dr. Anupama Mittal, Natasha Pathak, Dr. Avishek, Nupur, Mahesh Chand, Smriti Rawat, Jayati Sikarvar, Bharat Veer, Gaurav Kumar, Menka Pathak, Neeti Pandey, Ankush Dangi, Chhaya Tiwari, Vidushi Kansal, Anshika Bhardwaj, Devendra Kumar, Rakesh Bhatia, Deepti, Rajat Kumar, Sunaina, Yamini, Upasana, Pawan Kumar, Prashant, Rajan, Prijendra Tyagi, Avnish Sharma, Badal Anjan, Kuldeep Singh, Kapil Rathi, Amit Kumar, Aditya Gupta, Monisha Khandpur, Anjali, Ankit Sirohi, Sanjeev Kumar and Harish Chandra.

**Phytopharmaceuticals Division**

Dr. Gaurav Prathap Singh Jadaun, Ritu Tiwari, Dr. Smita Mishra, Poornima and Rajat Kumar.

**Biologics Division**

Dr. M. Kalaivani, Anubhuti Goyal, Dr. Priyanka Chaudhary, Dr. Prachi Pathak, Dr. Anshita Sinha, Deepak Kumar and Arjun.

**Microbiology Division**

Dr. Anil Kumar Teotia, Dr. Manoj Kumar Pandey, Dr. Prasad Thota, Dr. Aishwarya Singh Chauhan, Piyush Kumar,