a. Complete bio-data of the applicant (not to exceed 3000 words)

Name: Dr. Krishna Pandey, MBBS, MD-Medicine (BCMR 24315 -1989)

Designation: Scientist-G & Director, ICMR-RMRIMS, Agamkuan, Patna – 800007

Publications: 145 [Indexed = 144; Non-indexed = 01; National = 14; International = 131]

Citations = 3898; h-index = 32; i10-index = 90

Average impact factor = 3.170

Work experience: About 21 years in the field of tropical medicine research, clinical practice and teaching.

Scientific/Clinical Research:

I have been involved as Principal Investigator and co-investigator in a series of clinical drug trials/Bioequivalence studies carried out at ICMR-RMRIMS, Patna as well as a few field studies. In clinical drug trials where I acted/acting as PI/co-I my role includes screening, enrolment, clinical monitoring, management of AE/SAE, documentation of PRF and CRF. I am also actively involved as Principal Investigator in extramural projects under Lifecare Innovations Pvt. Ltd., Sun Pharmaceutical Industries Ltd., MSF, DNDi, Cipla Ltd., Aurobindo Pharma Limited, Thinq Pharma CRO Limited.

The clinically suspected cases were filtered from the OPD and screened for enrolment as per the protocol of the clinical trials. The enrolled subjects were routinely clinically monitored for improvement and any untoward side effects, as revealed by the clinical appearance or laboratory parameters. The source data were updated and transcribed into the CRF. Apart from that, I resolved the Data Clarification, raised by the sponsor/monitor, as and when required. The major clinical trials include miltefosine; phase III & IV, Paromomycin Phase III & IV, and Sitamaquine Phase II, two combination therapies, Amphomul Phase III and dose-finding of miltefosine for PKDL. The major outcome of clinical trials for public importance is introduction of Miltefosine and AmBisome® single dose of 10 mg/kg body wt in elimination programme by Govt. of India.

I also collaborated with different department's viz. pathology, immunology, biochemistry, molecular biology, microbiology for various intramural studies. Application of PCR as diagnostic tool for VL and PKDL was established. I also render my support to the existing Parasite repository and sera bank.

Clinical practice/Service to the patients:

<u>O.P.D.</u>: Outpatient department includes OPD registration, patient's examination, routine investigations, Bone-marrow aspiration as a daily routine.

<u>I.P.D</u>: Various research projects on clinical trial of medicine and toxicity of drugs are being carried out in the department. So far, admission of Kala-azar cases in ward, management of indoor patients and their care is exclusively supervised by me in addition to indenting of diet, medicines and required materials for the admitted cases.

<u>Emergency Management in IPD:</u> Apart from routine management of ward, I am also looking after patients in case of any emergency during night beyond working hour.

ART & ART Plus: I am Nodal person of ART & ART Plus, NACO at this Institute for treatment of HIV/AIDS cases as well as second line treatment for resistant cases of AIDS. The HIV/AIDS patients, coming to the OPD, are advised for treatment and monitored regularly.

<u>OST:</u> I am handling the opioid substitution therapy centre, NACO at this Institute for counseling, screening and treatment of intravenous drug users.

Teaching/guidance:

- Teaching/guest-faculty of medical UG/PG students at PMCH, NMCH, AIIMS-Patna and training of medical officers of the PHCs on VL/PKDL, HIV-VL coinfection, other tropical diseases like TB, dengue, chikungunya, malaria, etc.
- Regular teaching of postgraduate/PhD students of pharmacy at NIPER Hajipur since the year 2007
- PhD guide of Kolkata University/NIPER Hajipur (4 awarded and one pursuing)

Achievements:

- Selected as advisor by WHO on program of meeting of program managers on elimination of kala-azar in the year 2009
- Selected as nodal officer by NACO (Ministry of Health and Family Welfare), Chairman of state AIDS Clinical Expert panel in the year 2009
- National faculty on HIV/AIDS by the National AIDS Control Organization in the year 2012
- Selected as nodal officer by NACO (Ministry of Health and Family Welfare) for OST center at ICMR-RMRIMS, Patna in the year 2014
- Awarded at Rashtrapati Bhawan, New Delhi and Vigyan Bhawan for the development of a field based novel non-invasive procedures for Kala-azar detection in the year 2016
- Honours in Biochemistry in the 1st MBBS examination in the year 1984

Membership of Professional Societies/Institutions:

- a. Life member of Association of Physicians of India, Mumbai
- b. Life member of Indian Academy of Clinical Medicine
- c. Life member of Indian Society of Cardiology
- d. Life member of Research Society for Study of Diabetes in India
- e. Life member of Indian Society of AIDS
- f. Life member of Indian Society of Parasitology
- g. Life member of Indian Medical Association
- h. Life member of Indian Red Cross Society
- i. Life member of Epilepsy Association of India
- j. Life member of Association of Neuroscientists of Eastern India
- k. Life member of Patna Neurological Society
- I. Life member of Indian Medicos Organization
- m. Member of FORCAP Thailand