



संजय गॉंधी स्नातकोत्तर आयुर्विज्ञान संस्थान, लखनऊ
Sanjay Gandhi Postgraduate Institute of Medical Sciences
Raebareli Road, Lucknow 226014

Admission to Ph.D. Programme, 2016-2017

Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGI), Lucknow is a tertiary-care, super-specialty medical institute involved in patient care, teaching and research. It has excellent research facilities and runs PhD programs in several clinical and non-clinical disciplines.

The institute invites applications for admission to Ph.D. program for the year 2016-2017. Persons with a postgraduate degree in a science subject and fulfilling one of the following criteria may apply:

1. Have a letter of award for JRF/research fellowship (with funding for at least 3 years) from a government funding agency.
2. Cleared a national-level examination conducted by a government agency, but without own fellowship (e.g. CSIR/UGC-LS) and employed as SRF, JRF or Research Assistant in an extramural project funded by a government/UN agency at SGPGI of at least 3-year duration (beginning less than 6 months before the last date of submission of application).
3. Have a Senior Research Fellowship (SRF) at this Institute from a government funding agency and is within the first six months of the fellowship at the time of last date for the submission of application.

Some of the potential areas of research include:

- Laboratory and epidemiologic aspects of viral hepatitis, in particular pathogenesis and immunologic aspects of hepatitis E virus infection / Genetic basis of inherited diseases affecting the liver and gastrointestinal tract (R Aggarwal, Gastroenterology).
- Genetic Aspects of Gastrointestinal and Liver Diseases and drug metabolism in children (Anshu Srivastava, Pediatric Gastroenterology).
- Colorectal cancer (Ashok Kumar, Surgical Gastroenterology).
- Glomerulonephritis, Transplant immunology (Narayan Prasad, Nephrology).
- Molecular Genetics & Diagnostics, for monogenic & Polygenic Disorder (Sarita Agarwal, Medical Genetics).
- Gastrointestinal and biliary pathology, pulmonary pathology and Molecular Genetics in solid tumors (Niraj Kumari, Pathology).
- Survival and Death Signals in Neurological Diseases especially in Wilson Disease and Stroke (Jayanti kalita, Neurology). Treatment planning algorithms and computation models; Conformal, IMRT and image-guided radiation therapy, quality assurance (K. J. Maria Das, Radiotherapy).
- Synthesis/bio-evaluation of radio-labeled tracers for PET/SPECT studies (Manish Dixit, Nuclear Medicine).



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- Stem cell biology research including: therapeutic potentials of different types of stem cell (mesenchymal stem cells, amniotic stem cells, multipotent progenitor cells, fetal kidney stem cells); Biology of acute leukemias and aplastic anemia (S Nityanand, Hematology).
- Infertility and Reproductive Endocrinology (Indu Lata, Maternal & Reproductive Health).
- Hypoxia and Ischemia, Trauma and Inflammation, Sepsis, Organ Resuscitation (Sandeep Sahu, Anaesthesiology).
- Nonsurgical radiological management of morbid obesity (Sheo Kumar, Radiodiagnosis).
- Kidney Research with Special Emphasis on Exosome Biology. (Swasti Tiwari, Molecular Medicine & Biotechnology)

Interested candidate may apply with curriculum vitae (including mobile phone number and email address) along with the testimonials (fellowship award letter is a must) latest by **30th November, 2016**, to Dr. S. Srivastava, Research Cell, Room 209, First Floor, Administrative Block, SGPGI, Lucknow-226014, through speed post. Eligible candidates will be informed of the date of interview by email/speed post. The Interviews are likely to be held in the second/third week of December, 2016 and the session will in January, 2017. **The candidates are encouraged to interact with prospective guides to know more about their research areas.**

Faculty Incharge (Research)