



ICGEB

International Centre for Genetic
Engineering and Biotechnology

Developing
Knowledge

VACANCY NOTICE

Internal candidates only

The International Centre for Genetic Engineering and Biotechnology (ICGEB), established in 1987, is an international, intergovernmental organization conceived as a Centre of excellence for research and training with special regard to the needs of the developing world. The Centre conducts innovative research in life sciences and strengthens the research capability of its over 60 Member States through training, funding programs and advisory services. Located in Trieste (Italy), New Delhi (India) and Cape Town (South Africa), and in collaboration with over 40 Affiliated Centres worldwide, the three ICGEB Components provide a scientific and educational environment of the highest international standards.

ICGEB, New Delhi, has more than two dozen independent groups working in three broad domains; Molecular Medicine, Plant Biology and Integrative Biology.

Applications are invited for positions of **Group Leaders** at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi Component, with experience in the following research areas:

- 1) Metabolic Engineering of Plant and Algae:** Incumbent must have excellent record of research/publications in the area of plant and algal molecular biology and metabolic engineering with the aim to produce drug and biofuel molecules with ability and commitment to build a dynamic research program. Deep expertise in the area of metabolic engineering of plant and algae will be essential for the candidate.
- 2) Omics of algae:** Incumbent must have excellent record of research/publications in various areas of Omics, i.e., Genomics, Transcriptomics, Proteomics, Metabolomics and Lipidomics, especially dealing with algae for biofuel and valuable biochemical production with ability and commitment to build a dynamic research program. Deep expertise in the area of Omics of algae and/or other organisms will be essential for the candidate.
- 3) Systems Biology for Biofuel and Biochemical Production:** Incumbent must have excellent record of research/publications in various areas of Systems Biology, e.g., Flux Balance Analysis, Metabolic Flux Analysis, Metabolic Labelling Studies, Metabolic Engineering, etc with ability and commitment to build a dynamic research program. Deep expertise in the area of Systems Biology of various organisms, including cyanobacteria and bacteria, for biofuel production will be essential for the candidate.
- 4) Yeast Genome Engineering and Biofuel Production:** Incumbent must have excellent record of research/publications in the areas of yeast molecular biology, such as yeast metabolic engineering, yeast derived biofuels and biochemicals, yeast based gene expression analysis and multi-drug resistance with ability and commitment to build a dynamic research program. Deep expertise in the area of yeast molecular

biology and physiology, especially for biofuel production will be essential for the candidate.

Applicants must have significant accomplishments that commensurate with their career stage and should have the ability to compete for extramural national/international funding. Ability and commitment to build a dynamic program of international stature is essential. Candidate/s will be expected to initiate their own research programs, guide Ph.D. students and participate actively in teaching Ph.D. level courses as well as post-Ph. D. level training programmes. ICGEB New Delhi provides competitive and supportive research environment, excellent equipment and facilities, as well as attractive employment packages based on experience and achievements. These are internal vacancies and are linked with the externally funded bioenergy programme.

Applicants should submit their curriculum vitae and a statement of proposed research along with names and addresses of three referees to:

**The Director
ICGEB, Aruna Asaf Ali Marg
New Delhi, 110 067, INDIA**

Additionally, applicants should submit Personal History Form available online at: <http://www.icgeb.org/vacancies.html> and address it to: icgeb.director@gmail.com, quoting reference "**ND/GL/05-17 Group Leader**" no later than **7th August 2017.**