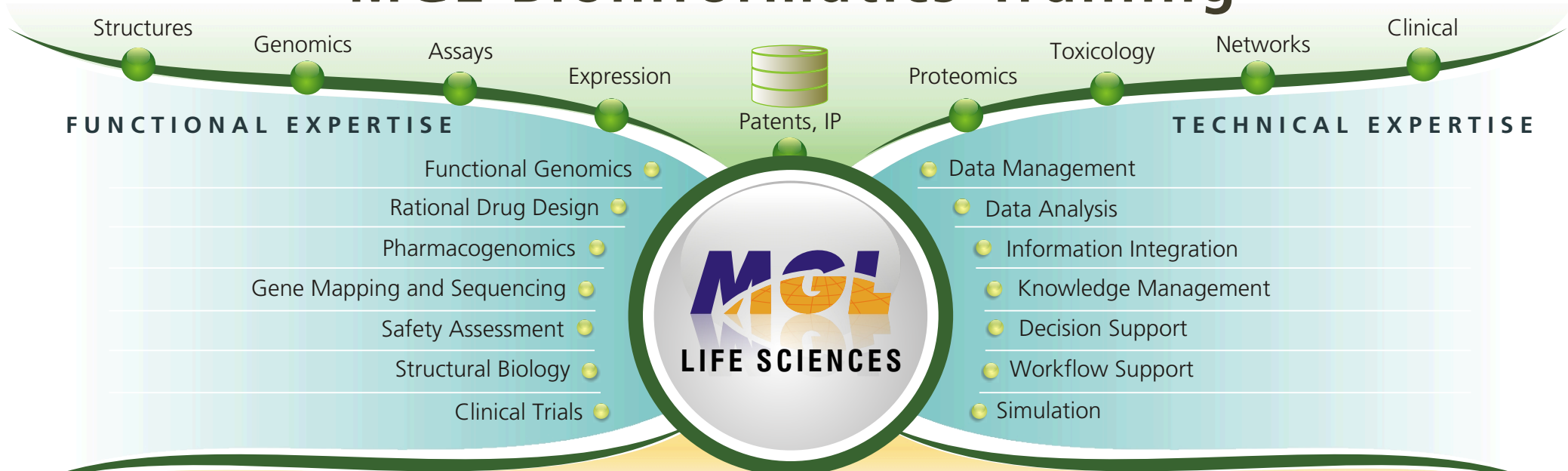


MGL Bioinformatics Training



BIOINFORMATICS TRAINING

- | | | | | |
|--|--|--|---|---|
| <ul style="list-style-type: none"> • Biological Databases / Uses and Design • Database Search / Design • Sequence / Structure Annotation • Phylogenetic Analysis • Chemical Databases | <ul style="list-style-type: none"> • Target Identification and Validation • Protein Modeling and Simulation • Genomics / Comparative Genomics / Proteomics • SNP Analysis • In-silico Tools and Techniques in Genomics / Proteomics / Cheminformatics | <ul style="list-style-type: none"> • Molecular Dockings • Toxicity Modeling and Prediction • Combinational Library Design • Structure/Ligand Based Drug Design • Pharmacophore modelling / QSAR | <ul style="list-style-type: none"> • Document management • Data Integration • Data Management • Bio-Algorithms • Bio-Programming | <ul style="list-style-type: none"> • Systems Biology • Expression Analysis • Pharma Regulations and Compliances • Pharmacovigilance • Competitive Intelligence |
|--|--|--|---|---|

RESOURCE POOL



Contact: training.gurgaon@mgl.com, 0124-4505200.

www.mgl.com

DRUG DISCOVERY AND DEVELOPMENT PIPELINE

Target Identification ► Target Validation ► Lead Identification ► Lead Optimization ► Preclinical Development ► Clinical Development ► NDA

Salient features of training program

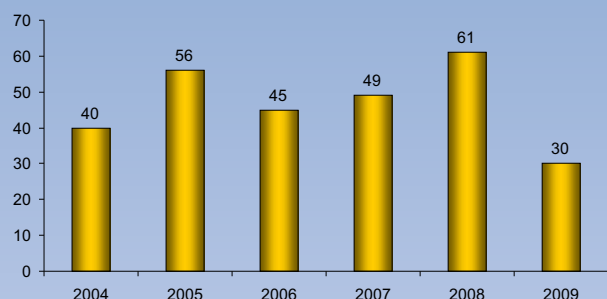
- Interaction with "who's who" of academia (JNU, NII, IGIB, ICMR, DBT etc) and Industry (MGL, Ranbaxy, Panacea, Hamdard, Dabur etc)
- Lectures/Demos/Presentations to keep you aware of bleeding edge technologies in life sciences viz. Cloud Computing, Clinical Bioinformatics, Molecular Diagnostics, Nano-Biotechnology etc
- Hands-on experience with Industry leading platform for integrated life sciences informatics: EXOME™ Horizon
- Frequent interactions with life sciences functional & career experts from MGL to explore and understand various career opportunities.



Placement Assistance

At the MGL Training Center, we understand that the goal for most students, following their respective degree from various colleges, is to obtain a successful and rewarding career. We offer job placement assistance to our Training Program graduates. We have successfully maintained an extremely high job placement success rate within our trainees' chosen career field. Our association does not end the minute you graduate, because at MGL we believe that once you have been trained by us you are part of the MGL family for life. Our career assistance will be available for any graduates throughout the duration of their professional career. We strongly believe that as a MGL training program graduate you are prepared to go out into the life sciences profession and be a success. Our track record of success speaks for itself, as employers constantly comment that our trainees' skill level and professionalism are excellent.

Candidates Enrollment



Life Sciences Workshop in Biotechnology and Bioinformatics

Greetings from MGL!

With the exams over, a question that you will undoubtedly ask yourself is whether you are skilled enough to take up the industry challenges that will be subjected on you at your job.

Doubt no more. Equip yourself with the best industry knowledge at MGL. Utilize your vacation time to enhance your skills and get direct exposure to the corporate world.

MGL is organizing seminars/workshops as your industry partner. The goal of the workshop is to throw light on industry relevant life sciences, particularly in Biotechnology and Bioinformatics, trends and technologies imparting paradigm shifts. Our state-of-the-art training includes sequence analysis, structural bioinformatics, cheminformatics, drug designing, data analysis and various programming languages like Perl, Python and their applications. Solve real life industry problems through world class patented products used by the life sciences industry.

Workshop Titles

- Fundamentals of software engineering in Life Sciences
- Introduction to Machine learning: Techniques & Applications
- Drug discovery & Clinical trials
- In-Silico drug designing
- Handling Omics data : Genotype to Phenotype
- Evolution of DNA Bar-Coding: Phylogeny
- Era of open source software in Life Sciences : Tools and database
- ABC of Molecular DOCKING
- Microarrays: Concept, Data Analysis & Applications
- Know what to do with your Genome Sequence
- Scripting and programming languages for Bio-IT applications

Benefits

- Option to choose on-campus location
- Option to choose from three training tracks - SILVER* (Basic), GOLD* (Advance) and PLATINUM* (Corporate)
- Additional free session on "Corporate Etiquettes" with every workshop
- Case study driven approaches to apply theoretical concepts to scientific problems

* Different fee structures apply for Silver, Gold and Platinum training levels

Schedule

3 days seminar/workshops. Fresh batches start from 15th December 2009 to March 2010. Sessions repeat every 15 days

Venue

Health Care & Life Sciences Division
MGL, 758, Udyog Vihar, Gurgaon, INDIA

Contact

Dr. Chitra Gupta, Senior Computational Biologist and Training Coordinator
Phone: 0124-4505301, 0124-4505308 E-mail: training.gurgaon@mgl.com