

Flow cytometry @ Cell Studio, Venture Center



UV
355nm

Violet
405nm

Blue
488nm

Yellow Green
561nm

Red
640nm

Facility

Cell Studio is a facility of the BIRAC supported BioIncubator at Venture Center, NCL Innovation Park, Pune, India. The Cell Studio is home to advanced scientific facilities for microscopy and imaging, flow cytometry, cell growth studies and tissue engineering. The Cell Studio aims to support selected areas of technology development and science entrepreneurship while also nurturing collaborations between researchers and industry/startup companies.

For more information, visit
<http://www.venturecenter.co.in/cellstudio/>

Services

The flow cytometry services of Cell Studio are designed to provide support to the researchers towards addressing problems pertaining to instrument handling, experiment design and applications.

- Data acquisition
- Data acquisition & data analysis
- Data analysis & presentation
- Experimental design + Data acquisition + Data analysis & presentation

Advisor

Dr. Hemant Agrawal

Current affiliations:

Director of Flowcytometry Solutions Pvt Ltd.

Consultant for Denovo Software, USA

Prior experience:

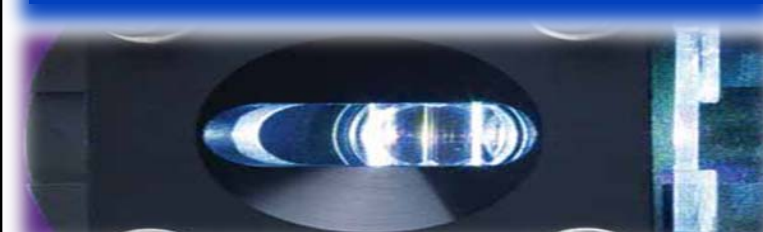
Application Support Scientist for FlowJo (Flow data analysis software) for Indian Subcontinent and Middle East region.

His post doctoral research at Oklahoma Medical Research Foundation and Rheumatology Department at Northwestern Memorial Hospital, Chicago includes performing extensive studies with dendritic cells and macrophages using multicolor flow cytometry and immunological studies in the field of autoimmunity using flow cytometry.

PhD in Immunology from the Trauma Surgery Department at University Hospital Essen, Germany (2006), where he was trained in dendritic cells characterization via flow cytometry.

Instrument

- BD LSRFortessa SORP cell analyzer
- Equipped with 5 lasers
- (Blue, Red, Violet, Yellow-Green, UV).
- Configuration : 2-blue 3-red 6-violet 2-uv 5-yr
- Detection of up to 18 colours simultaneously.
- FACSDiva software for data acquisition and analysis.



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