

## AGENDA OF THE WORKSHOP

July 4<sup>th</sup> 2017 Tuesday, DAY 1

Time	Topic	Speaker
<b>Inauguration of the workshop</b>		
09:30-09:35 AM	Welcome address by Coordinator	Prof. S. Rajagopal, SLS, UOH
09:35-09:40 AM	Welcome address by Dean, SLS	Prof. P. Reddanna, Dean, SLS, UOH
09:40-09:50 AM	Chief guest	Prof. Appa Rao Podile, Vice-Chancellor, UOH
09:50-10:15 AM	Inauguration address	Dr. Murali Tummuru, CEO Virchow Biotech, Hyderabad.
10:15-11:00 AM	Keynote address: <i>"Large-Scale Purification of Recombinant Proteins: Current Status and Future Trends."</i>	Prof. Channa Reddy, Penn State University, USA.
	Vote of Thanks	Ms.Monica Kannan, SLS, UOH
11:00-11:30 AM	Tea Break	
11:30-01:00 PM	Lecture: Column packing, Resin Handling, Introduction to ÄKTA Systems Workshop at lab no.G20 Demo: Exp1: XK 50 Column Packing with SepharoseFF resin Demo: Exp2: UNICORN programming for Column testing Lecture: Column Troubleshooting	Mr.Ashok Govindarajan, GE Healthcare, Bangalore
01:00-02:00 PM	Lunch Break	
02:00-05:30 PM	Demo: Exp 1: XK 50 Column Packing with Sepharose FF resin. Demo: Exp 2: UNICORN programming for Column testing.	Mr.Ashok Govindarajan, GE Healthcare, Bangalore

**Note:** All the lectures will be held in seminar hall at School of Life Sciences. The workshop will be held in Protein Purification facility at lab no.G20.

**July 5<sup>th</sup> 2017 Wednesday, DAY 2**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
09.30-10.30 AM	Protein Purification Strategies: Academia vs Industry.	Dr. Rajendar Burki, GM, R&D Biological E. Limited, Hyderabad.
10.30-10:45 AM	Tea Break	
10:45-01:00 PM	Result Discussion (Experiment 1 & Experiment 2).  Lecture on Introduction to Chromatography Column and Resin Maintenance. Purification techniques: Ion Exchange Chromatography.	Mr.Ashok Govindarajan, GE Healthcare, Bangalore
01:00-02:00 PM	Lunch Break	
02:00-05:30 PM	Experiment 3: Ion Exchange Chromatography  Lecture: Purification strategies.  Result Discussion (Experiment 3)	Mr.Ashok Govindarajan, GE Healthcare, Bangalore

**Note:** All the lectures will be held in seminar hall at School of Life Sciences. The workshop will be held in Protein Purification facility at lab no.G20.

July 6<sup>th</sup> 2017 Wednesday, DAY 3

Time	Topic	Speaker
09:30-11:00 AM	Basics of cross flow filtration Demo: Normalized water flux test Demo: Process Optimization with protein sample.	Mr.Ashok Govindarajan, GE Healthcare, Bangalore.
11:20-11:30 AM	Tea Break	
11:30-01:00 PM	UltraFiltration / DiaFiltration with Protein sample	Mr.AshokGovindarajan,
01:00-02:00 PM	Lunch Break	
02:00-04:00 PM	Panel discussion with participants	Prof. Kambadur Muralidhar, JNU Chair Professor, UOH Prof. P.Reddanna, Dean, SLS, UOH Prof.S.Dayananda, SLS, UOH Prof. S.Rajagopal, SLS, UOH Dr.Babu, Regional Bioprocess Specialist, GE Healthcare. Mr. Ashok Govindarajan,Senior Scientist, Fast Trak ,GE Healthcare.
04:00-05:00 PM	Valedictory session	Prof. P. Reddanna, Dean, SLS, UOH <b>Chief Guest:</b> Sri M. Madan Mohan Reddy, Chairman, Pharmexcil & Director, Aurobindo Pharma Ltd Hyderabad. Prof. P. Prakash Babu, Dean, Students Welfare, UOH & Secretary General, FABA. Prof. Rajagopal, SLS, UOH & Coordinator of the workshop.
05:00-05:30 PM	Hi Tea	

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