

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Biotechnology - NOC:Applications of Interactomics using Genomics and Proteomics Technology

Subject Co-ordinator - Prof. Sanjeeva Srivastava

Co-ordinating Institute - IIT - Bombay

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

- Lecture 1 - Introduction to Interactomics and Protein Arrays
- Lecture 2 - NAPPA Technology and Protein Arrays - I
- Lecture 3 - NAPPA Technology and Protein Arrays - II
- Lecture 4 - Biomarkers
- Lecture 5 - Biomarkers
- Lecture 6 - Biomarkers
- Lecture 7 - NAPPA and its applications in study of antibody immune response in disease and in drug Screening
- Lecture 8 - NAPPA and its applications in study of antibody immune response in disease and in drug screening
- Lecture 9 - NAPPA and its applications in study of antibody immune response in disease and in drug screening
- Lecture 10 - Using functional proteomics to identify biomarkers and therapeutic targets - I
- Lecture 11 - Using functional proteomics to identify biomarkers and therapeutic targets - II
- Lecture 12 - Applications of protein microarrays in Malaria Research - I
- Lecture 13 - Applications of protein microarrays in Malaria Research - II
- Lecture 14 - Applications of protein microarrays in Cancer Research - I
- Lecture 15 - Applications of protein microarrays in Cancer Research - II
- Lecture 16 - Introduction to Bioprinting and Iris's Optical QC Benefits - I
- Lecture 17 - Introduction to Bioprinting and Iris's Optical QC Benefits - II
- Lecture 18 - Basics and Applications of Reverse Phase Protein Arrays - I
- Lecture 19 - Basics and Applications of Reverse Phase Protein Arrays - II
- Lecture 20 - Basics and Applications of Reverse Phase Protein Arrays - III
- Lecture 21 - Antibody signatures defined by high-content peptide microarray analysis
- Lecture 22 - An overview of label-free technologies - I
- Lecture 23 - An overview of label-free technologies - II
- Lecture 24 - Mass Spectrometry coupled Interactomics - I
- Lecture 25 - Mass Spectrometry coupled Interactomics - II
- Lecture 26 - Biomolecular interactions using Bio-Layer Interferometry (BLI) - I
- Lecture 27 - Biomolecular interactions using Bio-Layer Interferometry (BLI) - II
- Lecture 28 - Biomolecular interaction analytics using MicroScale Thermophoresis
- Lecture 29 - Surface Plasmon Resonance- Principles and Assays - I

Get Digi-MAT (Digital Media Access Terminal) For High-Speed Video Streaming of NPTEL and Educational Video Courses in LAN

www.digimat.in

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

- Lecture 30 - Surface Plasmon Resonance- Principles and Assays - II
- Lecture 31 - Use of SPR in unravelling domain motif interactions of proteasomal assembly chaperones
- Lecture 32 - Next-Generation Sequencing Technology- Ion Torrent™
- Lecture 33 - NGS Technology- Bioinformatics and data analysis - I
- Lecture 34 - NGS Technology- Bioinformatics and data analysis - II
- Lecture 35 - Next-Generation Sequencing Technology-MiSeq System
- Lecture 36 - NGS target enrichment workflow for exomes, targeted panels and beyond
- Lecture 37 - The Human Pathology Atlas
- Lecture 38 - The Human Pathology Atlas
- Lecture 39 - Conclusions and Overview - I (Statistical analysis - I)
- Lecture 40 - Conclusions and overview - II (Statistical analysis - II)