

Overview of CPR teaching activities 2017

| Program | Type of course | Topic | Place | Teacher(s) | Type of teaching | Numbers of lessons taught |
|---------------------------------|----------------------------------|----------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------|
| Disease Systems Biology Program | Ph.D. course | <i>Bio3D course</i> | University of Bergen, Norway | Lars J Jensen | Lectures, Computer Exercises | 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Pre-graduate course, M.Sc. level | <i>Bioinformatics</i> | University of Copenhagen, Denmark | Lars J Jensen | Lectures, Computer Exercises | 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Pre-graduate course, M.Sc. level | <i>Bioinformatics and Systems Biology for Human Biologists</i> | CPR, University of Copenhagen, Denmark | Isabella F. Jørgensen, Karina Banasik, Annelaura Bach Nielsen, Kristoffer Niss, Kirstine Belling, José Alejandro Romero, Cecilia Engel Thomas, Søren Brunak, Lars J Jensen, Helen Cook, Nadezhda Doncheva, Alexander Junge | Lectures, Computer Exercises | 9 lectures + 1 lecture (Søren Brunak) + 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Pre-graduate course, B.Sc. level | <i>Bioinformatics for Animal Genomics</i> | University of Copenhagen, Denmark | Nadezhda Doncheva | Lab exercise | 6 lab excercises (Nadezhda Doncheva) |
| Disease Systems Biology Program | Ph.D. course | <i>Biostatistics</i> | University of Copenhagen, Denmark | Lars J Jensen | Lectures, Computer Exercises | 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Ph.D. course | <i>Computational Drug Sciences and High-Precision Medicine</i> | Lipari School of Computational Life Sciences, Lipari, Italy | Søren Brunak, Lars J Jensen | Lectures | 1 lecture (Søren Brunak), 3 lectures (Lars J Jensen) |

| | | | | | | |
|----------------------------------------|----------------------------------|-----------------------------------------------------------------------|-----------------------------------------|----------------------------------|------------------------------|-----------------------------------------------------------|
| Disease Systems Biology Program | Workshop | <i>Cytoscape and STRING</i> | Aarhus Univeristy, Denmark | Lars J Jensen, Nadezhda Doncheva | Lectures | 1 lecture (Nadezhda Doncheva) + 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Workshop | <i>Cytoscape and STRING</i> | University of Melbourne, Australia | Lars J Jensen | Lectures, Computer Exercises | 3 lectures (Lars J Jensen) |
| Disease Systems Biology Program | Industry leaders | <i>Digital Health Innovation – a Masterclass for Industry Leaders</i> | Copenhagen, Denmark | Søren Brunak | Lectures | 2 lectures (Søren Brunak) |
| Disease Systems Biology Program | Ph.D. course | <i>Functional Quantitative Proteomics</i> | University of Copenhagen, Denmark | Ufuk Kirik | Leactures | 4 lectures (Ufuk Kirik) |
| Disease Systems Biology Program | Workshop | <i>Microbiome Data Interpretation</i> | <i>Novo Nordisk Foundation, Denmark</i> | Lars J Jensen | Lectures, Computer Exercises | 1 lecture (Lars J Jensen) |
| Disease Systems Biology Program | Pre-graduate course, M.Sc. level | <i>Obstetrics: Bleeding in the Third Trimester of Pregnancy</i> | University of Copenhagen, Denmark | Anna P Nielsen | Lectures | 16 lectures (Anna P Nielsen) |
| Disease Systems Biology Program | Ph.D. course | <i>Oncology and Hematology</i> | University of Copenhagen, Denmark | Lars J Jensen | Lectures | 1 lecture (Lars J Jensen) |
| Protein Signaling Program | Pre-graduate course, M.Sc. level | <i>Cell Cycle Control and Cancer</i> | University of Copenhagen, Denmark | Jakob Nilsson | Lectures | 1 lecture (Jakob Nilsson) |
| Protein Signaling Program | Pre-graduate course, M.Sc. level | <i>Principal subject in Molecular Genetics 2</i> | University of Copenhagen, Denmark | Jakob Nilsson | Journal Clubs | 2 Journal clubs (Jakob Nilsson) |
| Protein Structure and Function Program | Ph.D. course | <i>Gene Targeting</i> | Faculty of Health and Medical | Stefano Stella | Lectures | 2 lectures (Stefano Stella) |

| | | | | | | |
|----------------------------------------------|----------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------|----------------------|------------------------------------------------------|
| | | | Sciences, University of Copenhagen, Denmark | | | |
| Protein Structure and Function Program | Pre-graduate course, B.Sc. level | <i>Protein Structure</i> | Faculty of Science, University of Copenhagen, Denmark | Guillermo Montoya | Lectures | 2 lectures (Guillermo Montoya) |
| Protein Structure and Function Program | Workshop | <i>Workshop on Cryo-EM</i> | CPR, University of Copenhagen, Denmark | Pablo Mesa | Computer Exercise | |
| Proteomics Program | Pre-graduate course, M.Sc. level | <i>Advanced Basic Immunology</i> | University of Copenhagen, Denmark | Jesper V Olsen | Lectures | 1 lecture (Jesper V Olsen) |
| Proteomics Program | Pre-graduate course, M.Sc. level | <i>Advanced Protein Science</i> | CPR, University of Copenhagen, Denmark | Michael L Nielsen, Clifford Young, Meeli Mulari, Ivo Hendriks | Leactures | 6 lectures + 2 lectures (Michael L Nielsen) |
| Proteomics Program | Ph.D. course | <i>Practical Course on High- Throughput Protein Production and Crystallization</i> | University of Oxford, UK | Chunaram Choudhary | Lectures | 1 lecture (Chunaram Choudhary) |
| Proteomics Program | Pre-graduate course, M.Sc. level | <i>Proteomics</i> | PHARMA, University of Copenhagen, Denmark | Michael L Nielsen | Lectures | 2 lectures (Michael L Nielsen) |
| Proteomics Program | Ph.D. course | <i>Tutorial at EUPA School on Practical Proteomics</i> | University of Split School of Medicine, Croatia | Michael L Nielsen | Lectures | 1 lecture (Michael L Nielsen) |

| | | | | | | |
|--------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------|
| Proteomics Program | Ph.D. course | <i>Tutorial on Advanced Proteomics Course</i> | CRG, Barcelona, Spain | Michael L Nielsen | Lectures | 1 lecture (Michael L Nielsen) |
| Proteomics Program, Disease Systems Biology Program | Ph.D. course | <i>Mass Spectrometry-Based Proteomics and its Applications in Biology</i> | CPR, University of Copenhagen, Denmark | Atul Deshmukh, Chunaram Choudhary, Brian Weinert, Lars J Jensen, Michael L Nielsen, Clifford Young, Meeli Mulari, Sara C Larsen, Ivo Hendriks, Simone Schopper, Jesper V Olsen, Christian Kelstrup, Magnus E Jakobsen | Lectures | +4 lectures (Chunaram Choudhary, Micheal L Nielsen, Lars J Jensen, Jesper V Olsen) |
| Proteomics, Protein Signaling and Disease Systems Biology Programs | Pre-Ph.D. preparatory course for Copenhagen Bioscience Ph.D. program | <i>Protein Research and Critical Thinking</i> | Faculty of Health, University of Copenhagen, Denmark | Chunaram Choudhary, Julien Duxin, Lars J Jensen, David Lyon | Journal Clubs | 3x3 hours (Chunaram Choudhary, Julien Duxin, Lars J Jensen) |

| | | | | | | |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------|
| <p>Proteomics, Protein Structure and Function, Disease Systems Biology and Protein Signaling Programs</p> | <p>Pre-graduate course, M.Sc. level</p> | <p><i>Advanced Methods for the Analysis of Protein Disease Mechanisms</i></p> | <p>CPR, University of Copenhagen, Denmark</p> | <p>Andreas Mund, Jakob Nilsson, Marie Larsen, Thomas Kruse, Brian Weinert, Jeremy Daniel, Nikolai B Larsen, Julien Duxin, Claudia Lukas, Maj-Britt Rask, Kai Neelsen, Jutta Bulkescher, Gopal Karemoore, Saskia Hoffmann, Niels Mailand, Michael L Nielsen, Clifford Young, Meeli Mulari, Sara C Larsen, Ivo Hendriks, Simone Schopper, Jesper V Olsen, Christian Kelstrup, Alexander Hoglebe, Magnus E Jakobsen, Dorte Bekker-Jensen, Rosa Jersie-Christensen, Moreno Papetti</p> | <p>Lectures + Lab exercise + Journal Clubs</p> | <p>22 lectures, 42 lab exercises, 5 journal clubs, 21 class room exercises</p> |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------|