Graduate School of Neuroscience

and

Wilhelm Johannsen Centre for Functional Genome Research, University of Copenhagen

Ph.d.-Course "Functional Genomics in Neuroscience"
(ECTS points = 3)

April 18-19, 2005

Panum Institute
Monday 18/4: Room 21.1.18
Tuesday 19/4: “Sofastuen/lille mødesal” (Building 5)
Blegdamsvej 3, 2200-Copenhagen N
Denmark

Course director: Niels Tommerup
tommerup@imbg.ku.dk

Registration:
Elin Erichsen
Wilhelm Johannsen Centre for Functional Genome Research
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Email: elin@imbg.ku.dk

How to get to the Panum Institute: see http://www.wjc.ku.dk/travel/
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution/Title</th>
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<tbody>
<tr>
<td>8.30-9.00</td>
<td>Niels Tommerup</td>
<td>Welcome, Coffee, Introduction, Short presentation by the students</td>
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<tr>
<td>9.00-10.00</td>
<td><strong>Merete Fredholm</strong></td>
<td>The Royal Veterinary and Agricultural University, Copenhagen (KVL)</td>
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<td>Strategies for sequencing a novel genome: The pig genome</td>
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<td>10.00-11.00</td>
<td><strong>Evan Eichler</strong></td>
<td>University of Washington, WA</td>
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<td>Structural Variation of the Human Genome</td>
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<tr>
<td>11.00-12.00</td>
<td><strong>Huanming Yang</strong></td>
<td>Beijing Genomics Institute, Chinese Academy of Sciences</td>
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<td>The International HapMap Project</td>
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<td>12.00-13.00</td>
<td>Lunch</td>
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<tr>
<td>13.00-14.00</td>
<td><strong>Evan Eichler</strong></td>
<td>University of Washington, WA</td>
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<td>Segmental Duplications and Human Genome Evolution: The Chimp Human Perspective</td>
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<tr>
<td>14.00-15.00</td>
<td><strong>David Carter</strong></td>
<td>Cardiff School of Biosciences, UK</td>
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<td>Transcriptional profiling of neuronal systems using DNA arrays.</td>
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<td>15.00-15.30</td>
<td>Coffee</td>
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<tr>
<td>15.30-16.30</td>
<td><strong>Nikolaj Blom</strong></td>
<td>Center for Biological Sequence Analysis, Danish Technical University, Lyngby</td>
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<td>Gene Discovery Search Strategies</td>
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**19 April 2005**

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<td>Chinese Genetics</td>
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<td><strong>Morten Møller</strong></td>
<td>Inst.Med.Anatomy University of Copenhagen</td>
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<td>Visualization of Circadian oscillations</td>
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<td>11.00-12.00</td>
<td><strong>Kasper Lage Hansen</strong></td>
<td>Center for Biological Sequence Analysis, Danish Technical University, Lyngby</td>
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<td>Disease gene finding using large scale protein interaction network clustering, and phenotype association</td>
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<td><strong>Torben Kruse</strong></td>
<td>University of Southern Denmark</td>
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<td>Strategies to identify susceptibility genes for psychiatric disorders</td>
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<td>Functional characterization of the human genome by chromosomal rearrangements</td>
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Functional Genomics in Neuroscience

Teachers/Abstracts/Links

Merete Fredholm
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Recent publications

Evan Eichler
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Recent publications


Huanming Yang
Professor of Genetics, and Director of Beijing Genomics Institute, Chinese Academy of Sciences and Director of Huada Genomics Research Center. His interests include the mapping and cloning of human genes, sequencing and analysis of the human genome, human genome diversity and evolution, as well as the ethical, legal, and social issues related to
genome research. As coordinator in China of the International Human Genome Sequencing Consortium, Prof Yang is one of the main players in China's effort in human genome sequencing. Among a number of other high-level positions, Prof Yang is a member of the Expert Panel of the National Office for Administration on Genetic Materials, and the Expert Committee of Field of Life Sciences, National Programs on Hightech ("863"), China. He is also a member of the Planning Group on ELISI in Human Genetics, WHO, the International Bioethics Committee, UNESCO, and the Expert Group on Biotech for the High Commissioner on Human Rights, UN. Chinese coordinator, international Hapmap project.

hyang@igtp.ac.cn

Recent publications


Qiyu Bao, Yuqing Tian, Wei Li, Zuyuan Xu, Zhenyu Xuan, Songnian Hu, Wei Dong, Jian Yang, Yanjing Chen, Yanfen Xue, Yi Xu, Xiaolin Lai,...and Yang Huanming. A Complete Sequence of the T. tengcongensis Genome. Genome Research 2002;12:689-700.


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http://www.cardiff.ac.uk/biosi/research/neuroscience/staff/carter.html

Recent publications


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Research group: Protein post-translational modification
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Recent publications


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Recent publications


Niels Tommerup
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Wilhelm Johannsen Centre for Functional Genome Research
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Recent publications


