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1. Formel Pædagogisk Uddannelse

2. Uddannelsesadministrative opgaver

3. Erfaring med undervisning, vejledning og eksamen

September 2014: *Instructor in Module 1 Cytology/Cell biology 2 - D3+D4 (Medical education):* Class teaching covering the golgi apparatus, lysosomes, endocytosis, exocytosis and mitochondria. 6x2 confrontation hours together with fellow PhD. Stud. (25-30 students per class).

February 2015: *Instructor in Module 5 - Energy and vital functions, The Respiratory exercise (Medical education):* Instruction of students in two different respiratory exercises together with colleagues. 2x4 confrontation hours, two groups of 4-5 students per instructor. Subsequent correction of reports (25-30 pages), 1 per group.
October 2015: *Instructor in Module 3 Bio15 - Molecular Biology of Cancer (Medical education):* Class teaching covering the cell cycle control, tumor suppressors and oncogenes, and apoptosis control. 6x2 confrontation hours with fellow PhD. Students.

February 2016: *Instructor in Module 3 Bio15 - Enzyme Kinetics 2+3 (Medical education):* Class teaching covering enzyme functions, inhibitors, allosteri, and activation energy + gibbs free energy. 8x2 confrontation hours with fellow instructor.

Practical Supervision

October 2013 - March 2014 *Practical/Theoretical supervision of ITEK student.*

4. Metoder, materialer og redskaber

5. Uddannelsesudvikling og universitetspædagogisk (følge)forskning, herunder pædagogiske priser

Activities

5th Global Reverse Phase Protein Array Workshop

Marlene Pedersen Elnegaard (Participant)
12. Oct 2015 → 13. Oct 2015

4th Global Reverse Phase Protein Array Workshop

Marlene Pedersen Elnegaard (Participant)
24. Oct 2014 → 25. Oct 2014

Annual Conference for Advances in Microarray Technology

Marlene Pedersen Elnegaard (Participant)
10. Mar 2014 → 11. Mar 2014

Publications

Corrigendum to "Protein-based nanotoxicology assessment strategy" [Nanomed Nanotechnol Biol Med. 2017;13(3):1229–1233] (S1549963416302374) (10.1016/j.nano.2016.12.020)

Elnegaard, M. P., List, M., Christiansen, H., Schmidt, S., Mollenhauer, J. & Block, I., Oct 2017, In: Nanomedicine: Nanotechnology, Biology and Medicine. 13, 7, p. 2115 1 p.

Chip-based breast cancer stem cell detection

Elnegaard, M. P., 2017, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

Efficient Management of High-Throughput Screening Libraries with SAVANAH

List, M., Elnegaard, M. P., Schmidt, S., Christiansen, H., Tan, Q., Mollenhauer, J. & Baumbach, J., 2017, In: Journal of Biomolecular Screening. 22, 2, p. 196-202

Protein-based nanotoxicology assessment strategy

Elnegaard, M. P., List, M., Christiansen, H., Schmidt, S., Mollenhauer, J. & Block, I., 2017, In: Nanomedicine: Nanotechnology, Biology and Medicine. 13, 3, p. 1229-1233

Reverse Phase Protein Arrays for High-throughput Toxicity Screening

Pedersen, M. L., Block, I., List, M., Christiansen, H., Schmidt, S. & Mollenhauer, J., 12. Oct 2015.

Integrated Automation of High-Throughput Screening and Reverse Phase Protein Array Sample Preparation

Pedersen, M. L., Block, I., List, M., Christiansen, H., Schmidt, S. & Mollenhauer, J., 24. Oct 2014. 1 p.

Large scale sample management and data analysis via MIRACLE

Block, I., List, M., Pedersen, M. L., Christiansen, H., Schmidt, S., Thomassen, M., Tan, Q., Baumbach, J. & Mollenhauer, J., 24. Oct 2014.

Microarray R-based analysis of complex lysate experiments with MIRACLE

List, M., Block, I., Pedersen, M. L., Christiansen, H., Schmidt, S., Thomassen, M., Tan, Q., Baumbach, J. & Mollenhauer, J., Sep 2014, In: Bioinformatics. 30, 17, p. i631-i638

Reverse Phase Protein Arrays for High-Throughput Protein Measurements in Mammospheres

Pedersen, M. L., Block, I., List, M., Karimi, L., Christiansen, H., Schmidt, S. & Mollenhauer, J., 10. Mar 2014.