

Program of Confocal Microscopy Workshop

"Confocal Microscopy - Advanced techniques for modern biology"

11.04-12.04.2013

11.04.2013 – Lecture hall 2

10.30 *Dr. Tytus Bernaś: Time – resolved microscopy

11.15 *PhD student Jarosław Korczyński: To see invisible - interaction studies with confocal microscopy

12.00-12.15 Coffee break

12.15 *Prof. dr hab. Bożena Kamińska: Visualizing microglia activation in brain pathologies

13.00 *MSc. Paweł Nowicki: Doing basic science and being entrepreneurial

13.30-14.30 Lunch

14.30-18.00 Practical Training – Leica TCS SP8, Leica TCS Sp5 STED, Zeiss 780 confocal systems.

12.04.2013

09.30 #Prof. Leonora Bużańska: Neural stem cell differentiation in 2D and 3D biomimetic microenvironment

10.15 ^Prof. Tomasz Lipniacki: Innate immune responses at single cell level: NF- κ B system analysis

11.00-11.15 Coffee break

11.15 *PhD student Marta Pyskaty: Imaging of dendritic spines dynamics using fluorescence confocal microscopy

11.45 *Dr. Zsuzsanna Szepesi: MMP-9-dependent structural plasticity of dendritic spines

12.15 *Dr. Adriana Magalska: Identification of factors required for the post-mitotic decondensation of chromatin by fractionation of *Xenopus* egg extracts

12.45-13.00 Coffee break

13.00 *Dr. Magdalena Sobczak: Studies on myosin VI function in neurosecretory cells

13.30 * Dr. Katarzyna Sobierajska: Confocal microscopy as a useful tools to analysis photosensory transduction in a ciliated protozoan, *Blepharisma japonicum*

13.30-14.30 Lunch

14.30-18.00 Practical Training – Leica TCS SP8, Leica TCS Sp5 STED, Zeiss 780 confocal systems.

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