

LS-3. High-resolution localization of molecular targets and macromolecular complexes

8 September, 17:00 - 19:00 / 9 September, 16:30 - 18:30

LS-3-P-1626

Dynamics and organization of homomeric alpha3 glycine receptors in the plasma membrane using single particle detection

Presenting author: **Notelaers K.**

Authors: Notelaers K., Rocha S., Paesen R., Smisdom N., Jochen M. C., Rigo J., Hofkens J., Ameloot M.

LS-3-P-2212

Ultrastructure of collagen fibrils after acupuncture treatment during rat tendon healing

Presenting author: **Almeida M. S.**

Authors: Almeida M. S., Freitas K. M., Oliveira L. P., Vieira C. P., Guerra F. D., Dolder M. H., Pimentel E. R.

LS-3-P-2234

Tunable close-to-nature cellulose for enzymatic degradation studies via dynamic high resolution AFM

Presenting author: **Ganner T.**

Authors: Ganner T., Rošker S., Eibinger M., Chernev B., Kraxner J., Mayrhofer C., Aschl T., Zahel T., Nidetzky B., Plank H.

LS-3-P-2479

Living cells toward electron microscopy? Let's do CLEM, it can be easy!

Presenting author: **De Marco A.**

Authors: de Marco A., Hekking L., Bittermann A. G., Guenther M. M., Wepf R. A., Langhorst M.

LS-3-P-2756

The "blinking" FISH: Localization microscopy of chromatin nanostructure using combinatorial oligonucleotide fluorescence in situ hybridization (COMBO-FISH)

Presenting author: **Cremer C.**

Authors: Stuhmueller M., Schwarz-Finsterle J., Huellen K., Mueller P., Spachholz E., Lux J., Hildenbrand G., Bach M., Hinderhofer K., Cremer C., Hausmann M.

LS-3-P-2778

Behavior of oxidized lipids in monolayers and Langmuir-Blodgett films studied by surface pressure measurements and Atomic Force Microscopy

Presenting author: **Grauby-Heywang C.**

Authors: Grauby-Heywang C., Mathelié-Guinlet M., Faye N. R., Moroté F., Cohen-Bouhacina T.

LS-3-P-2780

Novel multiple immunolabeling method of ultrathin resin sections for high resolution SEM

Presenting author: **Nebesarova J.**

Authors: Wandrol P., Vancova M., Nebesarova J.,

LS-3-P-3193

UV-activated conversion of Hoechst and DAPI to their green-emitting protonated forms and their application in super-resolution microscopy

Presenting author: **Żurek-Biesiada D.**

Authors: Żurek-Biesiada D., Szczurek A., Waligórski P., Prakash K., Cremer C., Dobrucki J.

LS-3-P-3243

Structural analysis of inhibitor-bound Arp2/3 Complexes

Presenting author: **Chemerys A.**

Authors: Chemerys A., Ydenberg C., David V., Gautreau A., Goode B., Sokolova O.