

### Journalbeiträge

1. Fornasiero EF, Opazo F (2015) Super-resolution imaging for cell biologists: concepts, applications, current challenges and developments. *BIOEASSAYS* 37(4): 436-51, doi: 10.1002/bies.201400170
2. Jähne S, Rizzoli SO, Helm MS (2015) The structure and function of presynaptic endosomes. *EXP CELL RES* 335(2): 172-9, doi: 10.1016/j.yexcr.2015.04.017
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4. Kabatas S, Vreja IC, Saka SK, Höschen C, Kröhnert K, Opazo F, Rizzoli SO, Diederichsen U (2015) A contamination-insensitive probe for imaging specific biomolecules by secondary ion mass spectrometry. *CHEM COMMUN* 51(67): 13221-4, doi: 10.1039/c5cc03895b
5. Menzfeld C, John M, van Rossum D, Regen T, Scheffel J, Janova H, Götz A, Ribes S, Nau R, Borisch A, Boutin P, Neumann K, Bremes V, Wienands J, Reichardt HM, Lühder F, Tischner D, Waetzig V, Herdegen T, Teismann P, Greig I, Müller M, Pukrop T, Mildner A, Kettenmann H, Brück W, Prinz M, Rotshenker S, Weber MS, Hanisch UK (2015) Tyrphostin AG126 exerts neuroprotection in CNS inflammation by a dual mechanism. *GLIA* 63(6): 1083-99, doi: 10.1002/glia.22803
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8. Opazo F, Eiden L, Hansen L, Rohrbach F, Wengel J, Kjems J, Mayer G (2015) Modular Assembly of Cell-targeting Devices Based on an Uncommon G-quadruplex Aptamer. *MOL THER-NUCL ACIDS* 4: e251, doi: 10.1038/mtna.2015.25
9. Pech U, Revelo NH, Seitz KJ, Rizzoli SQ, Fiala A (2015) Optical dissection of experience-dependent pre- and postsynaptic plasticity in the Drosophila brain. *CELL REP* 10(12): 2083-95, doi: 10.1016/j.celrep.2015.02.065
10. Ta H, Keller J, Haltmeier M, Saka SK, Schmied J, Opazo F, Tinnefeld P, Munk A, Hell SW (2015) Mapping molecules in scanning far-field fluorescence nanoscopy. *NAT COMMUN* 6: 7977, doi: 10.1038/ncomms8977
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13. Zhang WI, Antonios G, Rabano A, Bayer TA, Schneider A, Rizzoli SO (2015) Super-Resolution Microscopy of Cerebrospinal Fluid Biomarkers as a Tool for Alzheimer's Disease Diagnostics. *J ALZHEIMERS DIS* 46(4): 1007-20, doi: 10.3233/JAD-150064

### Buchbeiträge

Revelo NH, Rizzoli SO (2015) Application of STED microscopy to cell biology questions. In: Springer Science+Business Media New York (Hrsg.) *Advanced Fluorescence Microscopy*. Springer, 213-230

### Zahnmedizinische Dissertationen

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### Naturwiss. u.a. nichtmed. Diss.

1. Gebura-Vreja IC, Dr. rer. nat. (2015) Non-Canonical Amino Acids as Minimal Tags for Investigating Protein Organization and Turnover. Dissertation Georg-August-Universität Göttingen.

2. Janc OA, Dr. rer. nat. (2015) Pharmacotreatment of a mouse model of Rett syndrome with the radical scavenger Trolox: Detailed assessment of potential merits in vitro and in vivo. Dissertation Georg-August-Universität Göttingen.