

Publications: >300 peer-reviewed publications; 25,000 citations, 30 reviews; 4 patents; 15 editorials; 8 book articles.

[Google Scholar](#): h-index 83; i10-index 262 | [Research Gate](#) | [Research Loop](#)

- 1) Brunnberg J, Berends M, Frühschulz S, Winter C, Battin C, de Wet B, Cole DK, Steinberger P, Tampé R (2024) Dual role of the peptide loading complex as proofreader and limiter of MHC-I presentation. *Proc Natl Acad Sci USA*, in press.
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- 8) Sekulovski S, Sušac L, Stelzl LS, Tampé R, Trowitzsch S (2023) Structural basis of substate recognition by human tRNA splicing endonuclease TSEN. *Nat Struct Mol Biol* 30, 834-40. [doi:10.1038/s41594-023-00992-y](https://doi.org/10.1038/s41594-023-00992-y)
- 9) Zhu R, Canena D, Sikora M, Klausberger M, Seferovic H, Mehdipour AR, Hain L, Laurent E, Monteil V, Wirnsberger G, Wieneke R, Tampé R, Kienzl NF, Mach L, Mirazimi A, Oh YJ, Penninger JM, Hummer G, Hinterdorfer P (2022) Force-tuned avidity of spike variant-ACE2 interactions viewed on the single-molecule level. *Nat Commun* 13, 7926. [doi:10.1038/s41467-022-35641-3](https://doi.org/10.1038/s41467-022-35641-3)
- 10) Sánchez MF, Dietz MS, Müller U, Weghuber J, Gatterdam K, Wieneke R, Heilemann M, Lanzerstorfer P, Tampé R (2022) Dynamic in situ confinement triggers ligand-free neuropeptide receptor signaling. *Nano Lett* 22, 8363-8371. [doi:10.1021/acs.nanolett.2c03506](https://doi.org/10.1021/acs.nanolett.2c03506)
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