

Publications related to Research Area C10

- Russell L, Martinelli J, De Rose F, Reder S, Herz M, Schwaiger M, Weber W, Tei L, D'Alessandria C. Room Temperature Al¹⁸F Labeling of 2-Aminomethylpiperidine-Based Chelators for PET Imaging. *ChemMedChem*. 2020 Feb 5;15(3):284-292. doi: 10.1002/cmdc.201900652. Epub 2020 Jan 7. PMID: 31830368.
- Varasteh Z, De Rose F, Mohanta S, Li Y, Zhang X, Miritsch B, Scafetta G, Yin C, Sager HB, Glasl S, Gorpas D, Habenicht AJR, Ntziachristos V, Weber WA, Bartolazzi A, Schwaiger M, D'Alessandria C. Imaging atherosclerotic plaques by targeting Galectin-3 and activated macrophages using (89Zr)-DFO- Galectin3-F(ab')₂ mAb. *Theranostics*. 2021 Jan 1;11(4):1864-1876. doi: 10.7150/thno.50247. PMID: 33408786; PMCID: PMC7778602.
- Peplau E, De Rose F, Eichinger A, Reder S, Mittelhäuser M, Scafetta G, Schwaiger M, Weber WA, Bartolazzi A, D'Alessandria C, Skerra A. Effective rational humanization of a PASylated anti-galectin-3 Fab for the sensitive PET imaging of thyroid cancer in vivo. *Sci Rep*. 2021 Apr 1;11(1):7358. doi: 10.1038/s41598-021-86641-0. PMID: 33795750; PMCID: PMC8016950.