

Publications (excerpt):

- [9] Pichler V.; Zenz T.; Philippe C.; Vraka, C.; Berrotéran-Infante N.; Pfaff S.; Nics L.; Ozenil M.; Langer O.; Willeit M.; Traub-Weidinger T.; Lanzenberger R.; Mitterhauser M.; Hacker M.; Wadsak W. **“Molar activity – the bugaboo in 11C-radiochemistry: an explorative study using the gas phase method.”** *Nuc. Med. Biol.*, submitted.
- [8] Pichler V.; Berroterán-Infante N.; Philippe C.; Vraka C.; Klebermass E.K.; Balber T.; Pfaff S.; Nics L.; Mitterhauser M.; Wadsak W. **“An overview on PET radiochemistry: part 1 – covalent labels 18F, 11C, and 13 N”** *J. Nuc. Med.*, submitted.
- [7] Pfaff S.; Philippe C.; Pichler V.; Hacker M.; Mitterhauser M.; Wadsak W. **“Microfluidic 68Ga-labeling: A proof of principle study”** *Dalton Trans.*, 2018, 47(17), 5997-6004.
- [6] Pichler V.; Göschl S.; Schreiber-Brynzak E.; Jakupec M. A.; Galanski M.; Keppler B. K. **“Influence of reducing agents on the cytotoxicity of platinum(IV) complexes: induction of G2/M arrest, apoptosis and oxidative stress in A2780 and cisplatin resistant A2780cis cell lines”** *Metallomics*, 2015, 7(7), 1078-1090.
- [5] Karnthaler-Benbakka C.; Groza D.; Kryeziu K.; Pichler V.; Roller A.; Berger W.; Heffeter P.; Kowol C. R. **“Tumor-Targeting of EGFR Inhibitors via Hypoxia-Mediated Activation”** *Angew. Chem. Int. Ed.* 2014, 53, 1-7.
- [4] Pichler V.; Göschl S.; Meier S. M.; Roller A.; Galanski M.; Keppler B. K. **“Bulky N(N)-(di)alkylethane-1,2-diamine platinum(II) compounds as precursors for generating unsymmetrically substituted platinum(IV) complexes”** *Inorg. Chem.* 2013, 52 (14), 8151-8162.
- [3] Pichler V.; Mayr J.; Heffeter P.; Dömötör O.; Enyedy E. A.; Hermann G.; Groza D.; Köllensperger G.; Galanski M.; Berger W.; Keppler B. K.; Kowol C. R. **“Maleimide-functionalised platinum(IV) complexes as synthetic platform for targeted drug delivery”** *Chem. Commun.* 2013, 49 (22), 2249-2251.
- [2] Pichler V.; Heffeter P.; Valiahdı S. M.; Kowol C. R.; Egger A.; Berger W.; Jakupec M. A.; Galanski M.; Keppler B. K. **“Unsymmetric mono- and dinuclear platinum(IV) complexes featuring an ethylene glycol moiety: synthesis, characterization and biological activity”** *J. Med. Chem.* 2012, 55 (24) 11052-11061.
- [1] Pichler V.; Valiahdı S. M.; Jakupec M. A.; Ario, V. B.; Galanski M.; Keppler B. K. **“Mono-carboxylated diaminedichlorido platinum(IV) complexes – selective synthesis, characterization, and cytotoxicity”** *Dalton Trans.* 2011, 40 (32), 8187-8192.