

2013

1. Bettenworth D, Reuter S, Hermann S, Weckesser M, Kerstiens L, Stratis A, Nowacki TM, Ross M, Lenze F, Edemir B, Maaser C, Pap T, Koschmieder S, Heidemann J, Schäfers M and L³gering A. Translational 18F-FDG PET/CT imaging to monitor lesion activity in intestinal inflammation. *J Nucl Med* 54: 748-755, 2013.
2. Ciarimboli G, Schröter R, Neugebauer U, Vollenbröker B, Gabriëls G, Brzica H, Sabolic I, Pietig G, Pavenstädt H, Schlatter E and Edemir B. Kidney transplantation down-regulates expression of organic cation transporters, which translocate β -blockers and fluoroquinolones. *Mol Pharm* 10: 2370-2380, 2013.
3. Di Marco GS, König M, Stock C, Wiesinger A, Hillebrand U, Reiermann S, Reuter S, Amler S, Köhler G, Buck F, Fobker M, Kümpers P, Oberleithner H, Hausberg M, Lang D, Pavenstädt H and Brand M. High phosphate directly affects endothelial function by downregulating annexin II. *Kidney Int* 83: 213-222, 2013.
4. Grabner A, Kentrup D, Edemir B, Sirin Y, Pavenstädt H, Schlatter E, Schober O, Schäfers M, Schnöckel U and Reuter S. PET with 18F-FDG-labeled T lymphocytes for diagnosis of acute rat renal allograft rejection. *J Nucl Med* 54: 1147-1153, 2013.
5. Grabner A, Kentrup D, Schnöckel U, Gabriëls G, Schröter R, Pavenstädt H, Schober O, Schlatter E, Schäfers M and Reuter S. Non-invasive imaging of acute allograft rejection after rat renal transplantation using 18F-FDG PET. *J Vis Exp* e4240, 2013.
6. Herdering C, Wehe CA, Reifschneider O, Raj I, Ciarimboli G, Diebold K, Becker C, Sperling M and Karst U. Laser ablation based bioimaging with simultaneous elemental and molecular mass spectrometry: towards spatially resolved speciation analysis. *Rapid Commun Mass Spectrom* 27: 2588-2594, 2013.
7. Reifschneider O, Wehe CA, Raj I, Ehmcke J, Ciarimboli G, Sperling M and Karst U. Quantitative bioimaging of platinum in polymer embedded mouse organs using laser ablation ICP-MS. *Metallomics* 5: 1440-1447, 2013.
8. Reuter S, Heitplatz B, Pavenstädt H and Suwelack B. Successful long-term treatment of TMA with eculizumab in a transplanted patient with atypical hemolytic uremic syndrome due to MCP mutation. *Transplantation* 96: e74-e76, 2013.
9. Sprowl JA, Ciarimboli G, Lancaster CS, Giovinazzo H, Gibson AA, Du G, Janke LJ, Cavaletti G, Shields AF and Sparreboom A. Oxaliplatin-induced neurotoxicity is dependent on the organic cation transporter OCT2. *Proc Natl Acad Sci U S A* 110: 11199-11204, 2013.

10. Thévenod F, Ciarimboli G, Leistner M, Wolff NA, Lee WK, Schatz I, Keller T, Al-Monajjed R, Gorboulev V and Koepsell H. Substrate- and cell contact-dependent inhibitor affinity of human organic cation transporter 2: studies with two classical organic cation substrates and the novel substrate Cd^{2+} . *Mol Pharm* 10: 3045-3056, 2013.
11. Wensing KU and Ciarimboli G. Saving ears and kidneys from cisplatin. *Anticancer Res* 33: 4183-4188, 2013.
12. Wiesinger A, Peters W, Chappell D, Kentrup D, Reuter S, Pavenstädt H, Oberleithner H and Kömpers P. Nanomechanics of the endothelial glycocalyx in experimental sepsis. *PLoS ONE* 8: e80905, 2013.