

## SFB824 Relevant Publications

- [J1] D. Franz, J. Syväri, D. Weidlich, T. Baum,, E. J. Rummeny, **D. C. Karampinos**, Magnetic resonance imaging of adipose tissue in metabolic dysfunction, *Roefo*, 190:1121, 2018
- [J2] Schmidt, S.F., Rohm, M., **Herzig, S., Berriel Diaz, M.** Cancer Cachexia: More Than Skeletal Muscle Wasting. *Trends Cancer*, 4(12):849-860, 2018
- [J3] **D. C. Karampinos**, D. Weidlich, M. Wu, H. Hu, D. Franz, Techniques and applications of Magnetic Resonance Imaging for studying brown adipose tissue morphometry and function, *Handbook of Experimental Pharmacology, Brown Adipose Tissue*, 299, 2019
- [J4] S. Schlaeger, S. Inhuber, A. Rohrmeier, M. Dieckmeyer, F. Freitag, E. Klupp, D. Weidlich, F. Kreuzpointer, A. Schwirtz, E. J. Rummeny, C. Zimmer, J. S. Kirschke, **D. C. Karampinos**, T. Baum, Association of paraspinal muscle water-fat MRI-based measurements with isometric strength measurements, *European Radiology*, 29:599, 2019
- [J5] F. K. Lohöfer, G. A. Kaissis, C. Müller-Leisse, D. Franz, C. Katemann, A. Hock, J. M. Peeters, E. J. Rummeny, **D. C. Karampinos**, R. F. Braren, Acceleration of chemical shift encoding-based water fat MRI for liver proton density fat fraction and T2\* mapping using compressed sensing, *PLoS One*, 14(11): e0224988, 2019
- [J6] D. Franz, M. N. Diefenbach, F. Treibel, D. Weidlich, J. Syväri, S. Ruschke, M. Wu, C. Holzappel, T. Drabsch, T. Baum, H. Eggers, E. J. Rummeny, H. Hauner, **D. C. Karampinos**, Differentiating supraclavicular from gluteal adipose tissue based on simultaneous PDFF and T2\* mapping using a 20-echo gradient-echo acquisition, *Journal of Magnetic Resonance Imaging*, 50:424, 2019
- [J7] M. Wu, D. Junker, R. T. Branca, **D. C. Karampinos**, Magnetic resonance imaging techniques for brown adipose tissue detection, *Frontiers in Endocrinology*, 11:421, 2020
- [J8] J. Syväri, D. Junker, L. Patzelt, K. Kappo, L. Al Sadat, S. Erfanian, M. R. Makowski, H. Hauner, **D. C. Karampinos**, Longitudinal changes on liver proton density fat fraction differ between liver segments, *Quantitative Imaging in Medicine and Surgery*, 11:1701, 2021