

## Employment

### Research outputs

**Magnetic resonance imaging as a non-invasive adjunct to conventional assessment of functional differences between kidneys in vivo and during ex vivo normothermic machine perfusion**

Hamelink, T. L., Ogurlu, B., Pamplona, C. C., Castelein, J., Bennedsgaard, S. S., Qi, H., Weiss, T., Lantinga, V. A., Pool, M. B. F., Laustsen, C., Jespersen, B., Leuvenink, H. G. D., Ringgaard, S., Borra, R. J. H., Keller, A. K. & Moers, C., Oct-2024, In: American Journal of Transplantation. 24, 10, p. 1761-1771 11 p.

**Effects of kidney perfusion on renal stiffness and tissue fluidity measured with tomoelastography in an MRI-compatible ex vivo model.**

Castelein, J., Pamplona, C., Armstrong Junior, R., Vidal Dos Santos, M., Sack, I., Dierckx, R., Moers, C. & Borra, R., 9-Nov-2023, In: Frontiers in Bioengineering and Biotechnology. 11, 8 p., 1236949.

**Expanding the Horizons of Pre-Transplant Renal Vascular Assessment Using Ex Vivo Perfusion**

Campos Pamplona, C., Moers, C., Leuvenink, H. G. D. & van Leeuwen, L. L., 29-Jun-2023, In: Current Issues in Molecular Biology. 45, 7, p. 5437-5459 23 p.

**Prolonged Controlled Oxygenated Rewarming Improves Immediate Tubular Function and Energetic Recovery of Porcine Kidneys during Normothermic Machine Perfusion**

Ogurlu, B., Pamplona, C. C., Van Tricht, I. M., Hamelink, T. L., Lantinga, V. A., Leuvenink, H. G. D., Moers, C. & Pool, M. B. F., 1-Mar-2023, In: Transplantation. 107, 3, p. 639-647 9 p.