

Magdalena Lorenowicz

Biographical sketch

Magdalena Lorenowicz studied Biotechnology at the Jagiellonian University in Kraków. In September 2001 she moved to Amsterdam to start her Ph.D. research. During her Ph.D. studies she investigated the role of cAMP signalling in the regulation of leukocyte chemotaxis and endothelial barrier function. After completion of her thesis, Magdalena moved to the Hubrecht Institute in Utrecht, where supported by prestigious VENI award (2008) she focused on the mechanism of Wnt secretion, combining the genetics of *C. elegans* with cutting edge cell biology techniques in mammalian cells.

In April 2012 she joined the Department of Cell Biology and Center for Molecular Medicine at University Medical Center Utrecht to set up her own research line investigating molecular mechanisms regulating the immunosuppressive and regenerative properties of the human mesenchymal stem/stromal cells (MSC) with the ultimate goal to directly link her expertise in studying cell-cell communication with clinical applications. In 2015 she moved to Regenerative Medicine Center Utrecht, where she became a principal investigator, expanded her research group and worked on the interphase of fundamental research and regenerative medicine. In November 2022 she moved to the Biomedical Primate Research Center, where she is a head of the Advanced *In vitro* Models Systems (AIMS) department and continues to investigate biology of MSC and their *in vivo* function in context of different tissues with the final goal to improve MSC-based therapies.