

Project Summary

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Beyond the classics: functional profiling of nHLAII genetic variation

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The two non-classical HLAII (nHLAII) molecules - HLA-DM and HLA-DO - tune the peptide repertoires displayed by HLAII, thereby influencing T cell responses. This project studies the genetic and functional variations of nHLAII, as well as their interplay with HLAII. The ultimate goal is the understanding of the potential contribution of these molecules and their natural variations to T cell responses, which are related to the outcome of alloHSCT.