Project Summary
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Beyond the classics: functional profiling of ncHLAII genetic variation
Miguel Álvaro-Benito, PhD

The two non-classical HLAII (ncHLAII) molecules - HLA-DM and HLA-DO - tune the peptide repertoires displayed by HLAIIs, thereby influencing T cell responses. This project studies the genetic and functional variations of ncHLAIIIs, as well as their interplay with HLAIIs. 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.