



Focus on CD nomenclature for G protein-coupled receptors

Submission of monoclonal antibodies to HLDA11 Workshop is now open:

Since the early 1980s, the Human Leukocyte Differentiation Antigen (HLDA) Workshops have been organized to define and validate newly generated monoclonal antibodies (mAbs) to leukocyte cell-surface molecules. Approved mAbs have been defined into clusters of differentiation (CD), and currently antibodies to more than 400 surface molecules have received CD nomenclature under the umbrella of the IUIS nomenclature committee.

HLDA Workshops are *wet* workshops based on an international exchange and blind evaluation of mAbs submitted by numerous academic laboratories and/or companies. The main goal has been to identify mAbs reacting with a common antigen. The basic strategy is to assess a given mAb's reactivity with a large number of different cells, followed by statistical analysis of the resulting expression data, as well as detailed examination of the biochemical nature and molecular mass of the target antigen, and the reactivity with transfected cells.

The upcoming 11th HLDA workshop will be focused on antibodies against **G protein-coupled receptors**. These molecules belong to one of the largest families of receptors expressed on the cell-surface. The study of new mAbs against these molecules will improve our knowledge of their expression on cells of the immune system and their potential as new diagnostic tools and therapeutic targets.

If you have generated mAbs to human G protein-coupled receptors and wish to have them tested for CD nomenclature assignment, please visit the [HCDM website](#) for details on how to submit your mAb(s).