

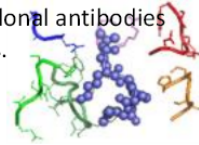
Immunoglobulins and T Cell Receptors Nomenclature Sub Committee

Goal of this subcommittee and **IMGT-NC** is the standardization of the IG and TR genes and alleles. From 2012 it also includes Histocompatibility genes (MH).

This SubCommittee has established standardized rules for the description of MH class I (MH1) and MH class II (MH2) from any vertebrate from fish to mammals.



Immunogenetics data is based on the concepts of IMGT-ONTOLOGY and on the IMGT Scientific chart rules. IMGT consists of sequences, genome data, structure database, and monoclonal antibodies database, web resources and interactive tools.



Today **Tuesday, May 29 2012** IMGT/3Dstructure-DB contains **2686 entries** corresponding to human and other species proteins

Information about antibody sequences and structures can be obtained with the IMGT DomainGapAlign tool that aligns the amino sequences with the IMGT domain reference directory. **Results from this tool are widely used for antibody engineering and humanization design.**

The IMGT booklet (144 pages) edited by Cold Spring Harbor Protocols (CSHP) and available in 'IMGT References' on the IMGT web site (<http://www.imgt.org>). It is a booklet with 11 papers: