

Joost Snijder (me): j.snijder@uu.nl

Albert Heck (professor): a.j.r.heck@uu.nl

Corine Heuzer (secretary): c.c.heuzer@uu.nl

https://www.hecklab.com/

Structural biologists

Secretary Research program coordinator

Researchers

Instrument developers Postdocs

Immunologists

Students

Bioinformaticians

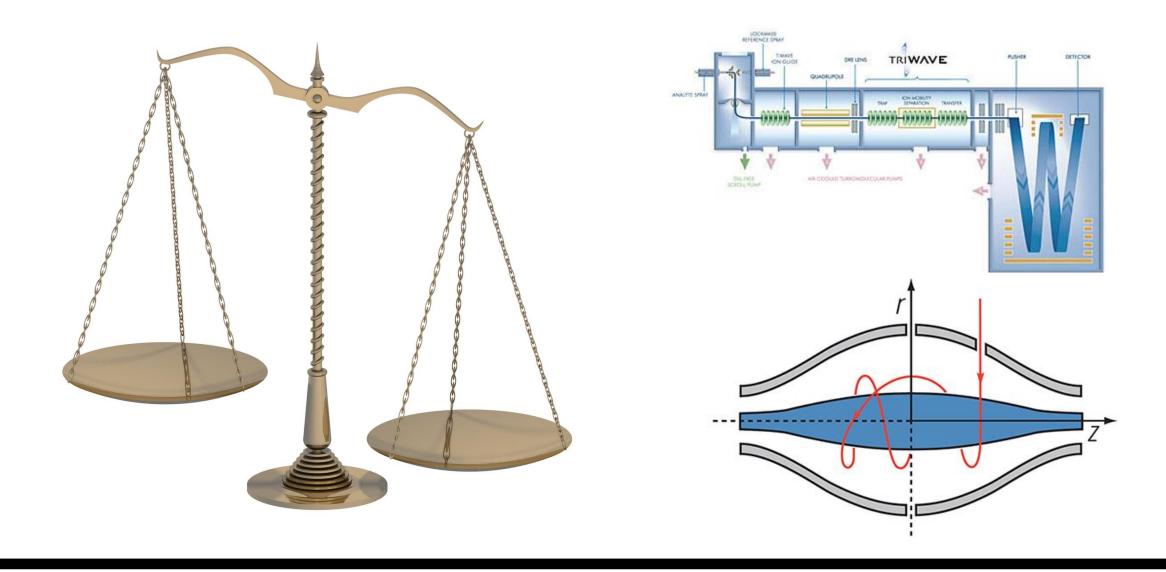
Professor Assistant professors

Analytical chemists

Technicians AIO's

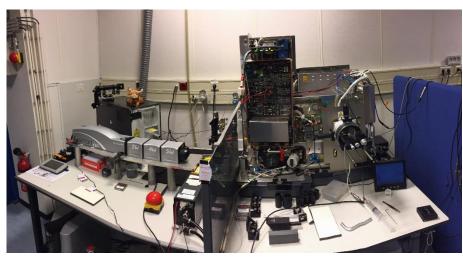
Teachers

Cancer biologists



Biomolecular Mass Spectrometry and Proteomics group: the lab (Kruytgebouw 6th floor, Oost and Zuid wings)

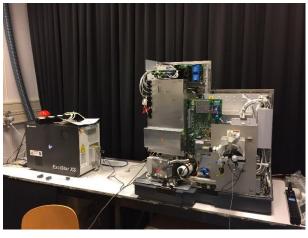




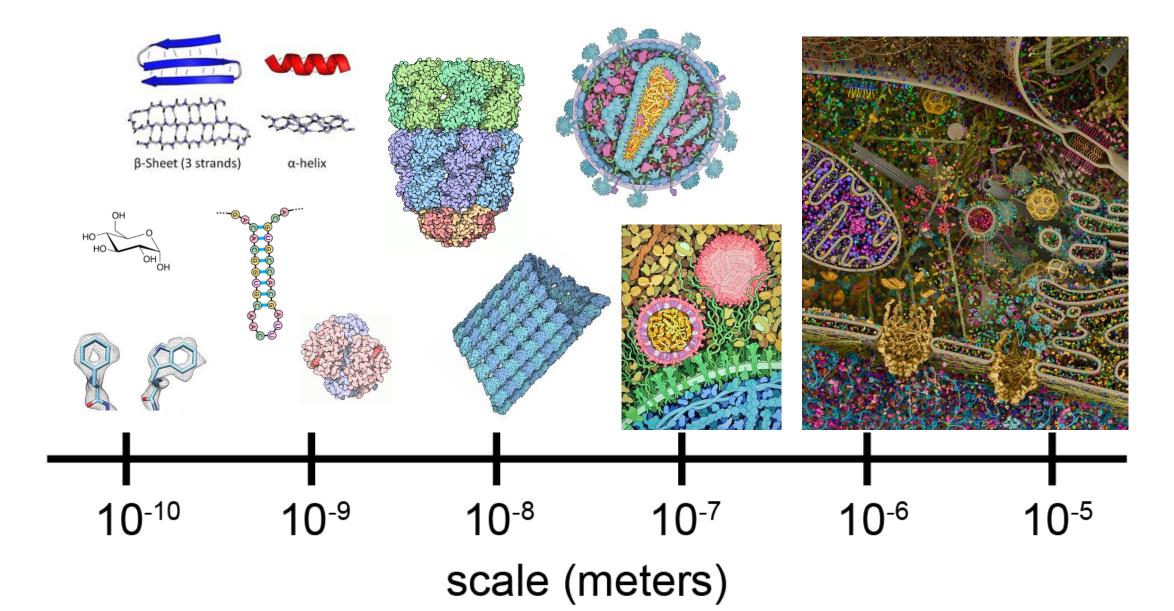




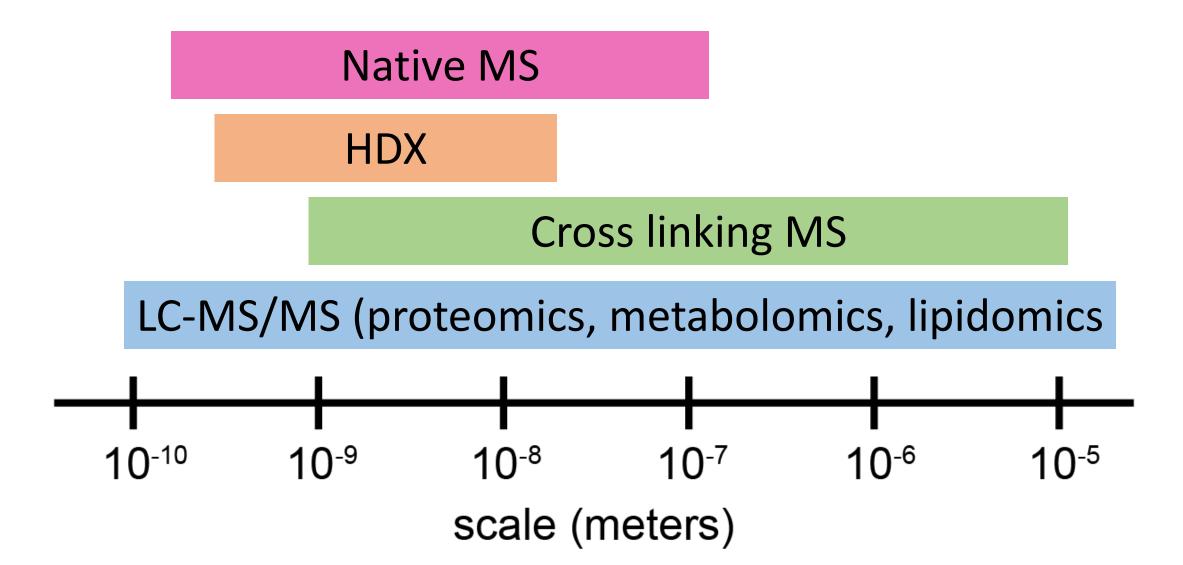




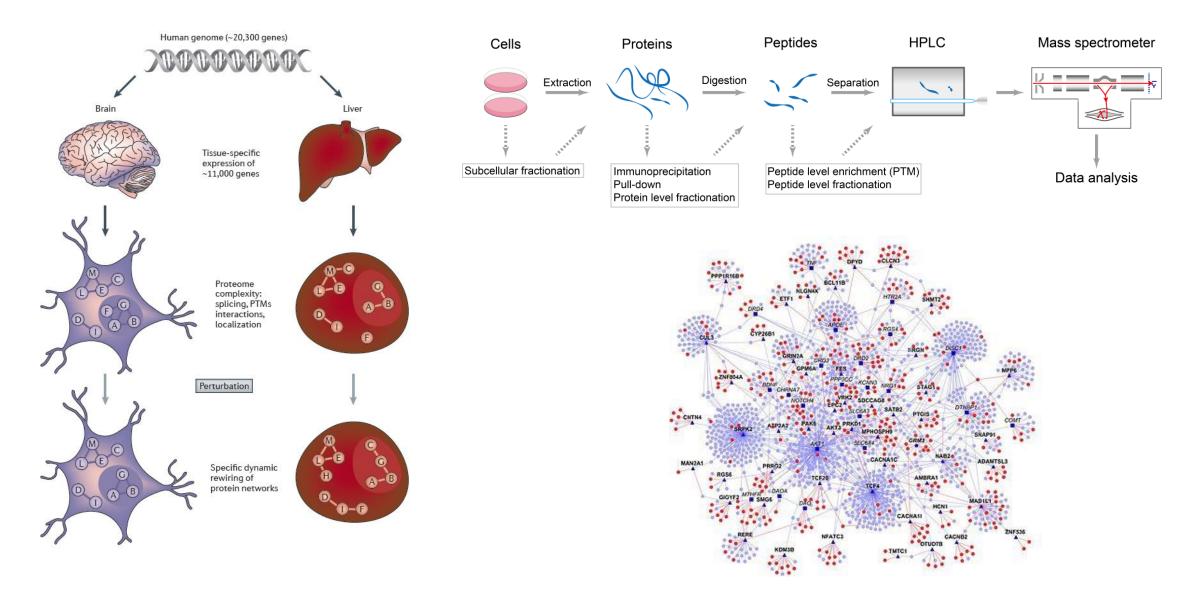
Biomolecular structure across scales: from functional groups to cells



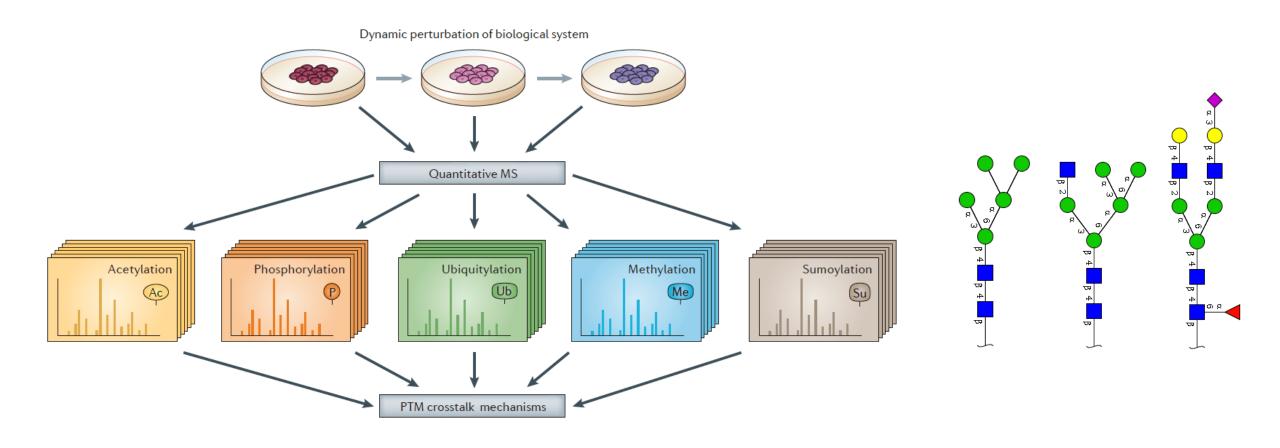
MS toolkit in molecular life science



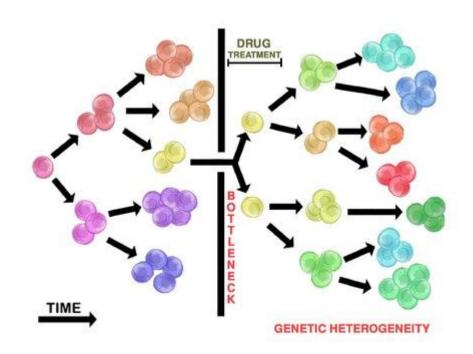
Proteomics: mapping out all proteins and interactions in cells and tissues

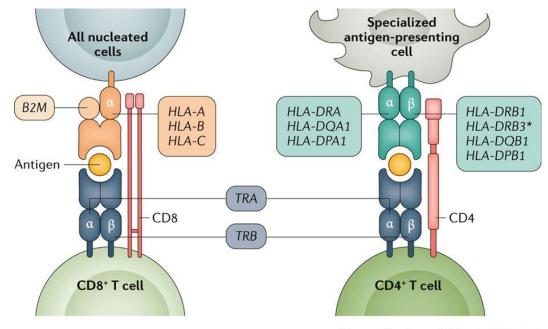


Proteomics: mapping out all post-translational modifications



Cancer biology and immunology

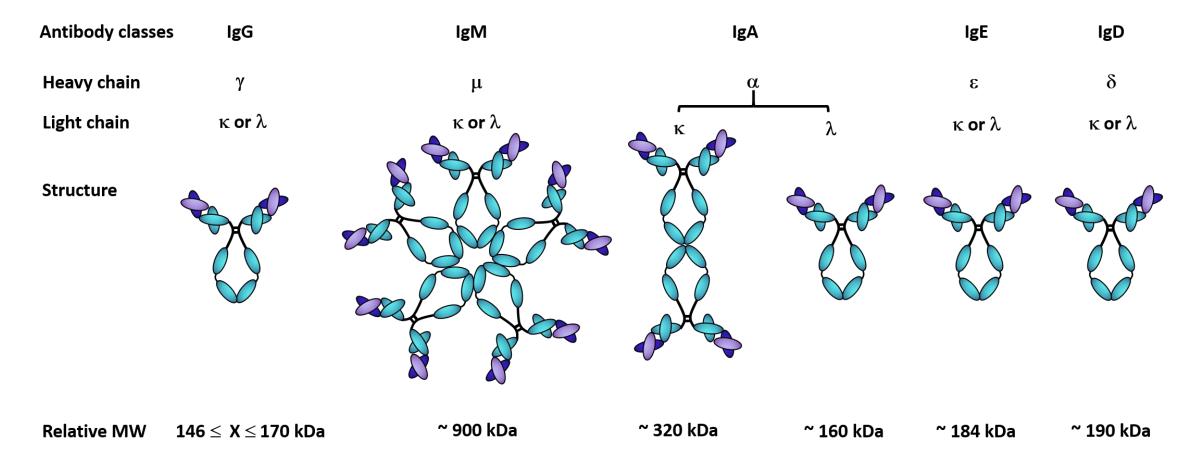




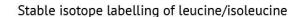
Nature Reviews | Disease Primers

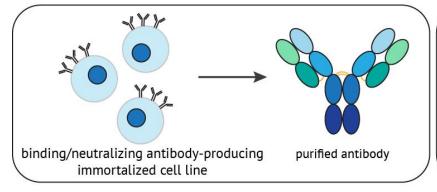
Antibody characterization

The five major classes of immunoglobulin.

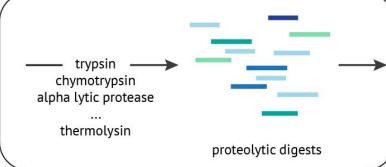


Antibody characterization





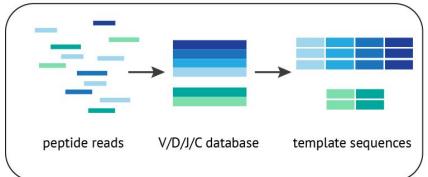
Optimize panel of proteases



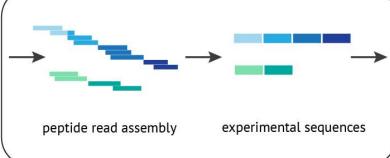
Optimize LC gradient, fragmentation scheme, MS parameters



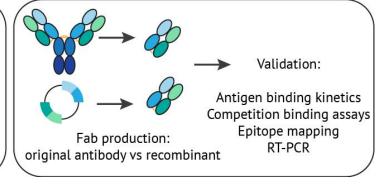
Assemble Ig databases for template construction



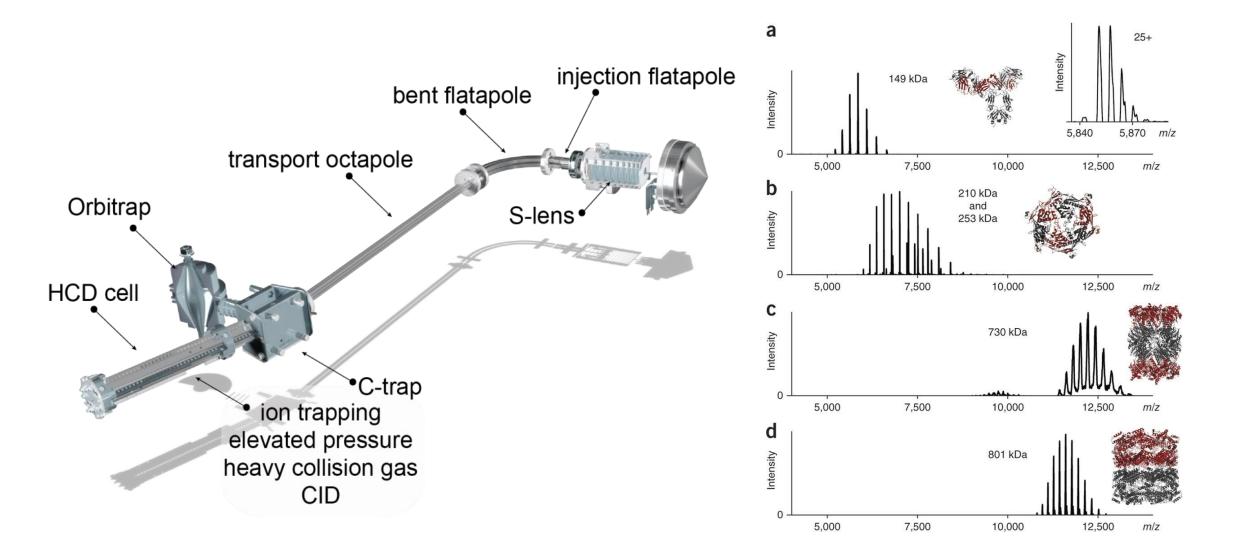
Test de novo and template-matching assembly tools



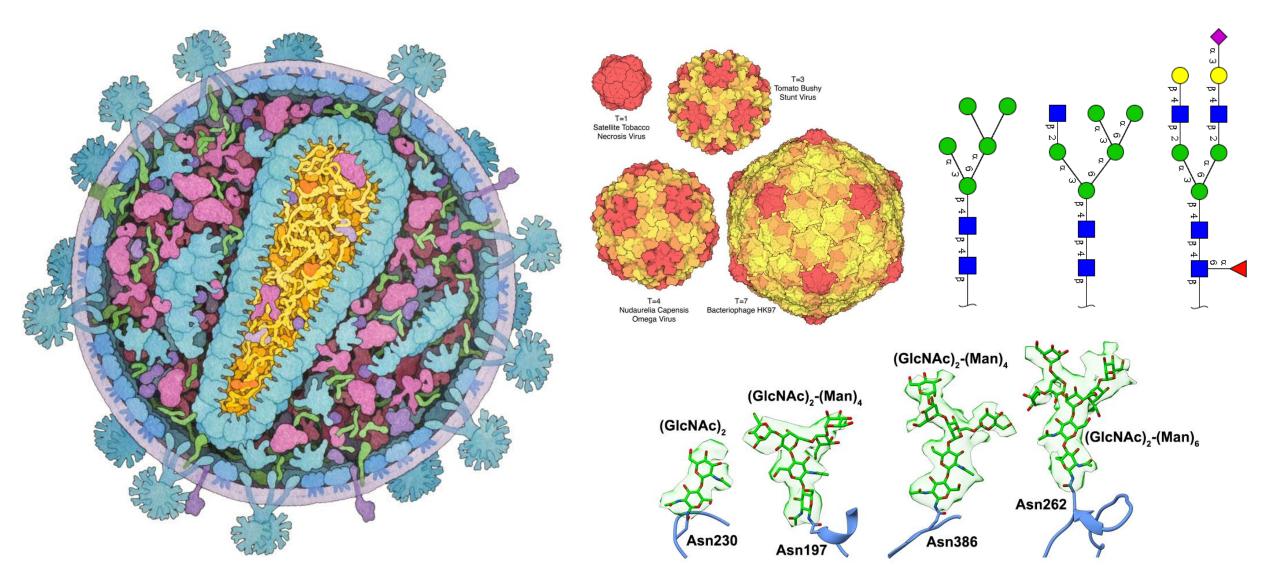
Antibody production and product validation



Native MS – studying assembly of large protein complexes



Viruses – native MS, structure and immunity





Joost Snijder (me): j.snijder@uu.nl

Albert Heck (professor): a.j.r.heck@uu.nl

Corine Heuzer (secretary): c.c.heuzer@uu.nl

https://www.hecklab.com/