

Stellingen

behorende bij het proefschrift

Quantitative Fluorescence Microscopy of Protein Dynamics in Living Cells

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1. Blinking of GFP molecules is measurable in bulk samples by variation of excitation laser intensity.
this thesis
2. FCS is better suited for studying the mobility of intracellular proteins, whereas FRAP is better suited to determine their immobilisation.
this thesis
3. Androgen receptors frequently interact very transiently with DNA, and only stably bind when encountering specific recognition sites in the DNA.
this thesis
4. Binding of EGF to its receptor appears to cause the attachment of the receptors to slowly moving or stationary molecular structures such as to the underlying cytoskeleton or larger, pre-formed receptor aggregates.
this thesis
5. IL-2 receptor α subunits form submicron clusters and co-cluster with HLA and CD48 and are associated with lipid rafts in human T lymphoma cells.
this thesis
6. The danger in human-animal chimeras is the potential for humanising animals and *vice versa*.
7. The atom, being for all practical purposes the stable unit of the physical plane, is a constantly changing vortex of reactions.
Kabbalah
8. The high neutron scattering cross-section of hydrogen makes the proton recoil method a simple and sensitive non-destructive method of determining the hydrogen content of organic matter.
Ibrahim et al., J. Radioanal. Nucl. Chem 237(1-2):167-170, 1998
9. A life in science is often a nomadic existence.
Laura Layton
10. If you are out to describe the truth, leave elegance to the tailor.
Albert Einstein
11. One who understands his own history is likely not to be afflicted by superiority complex.