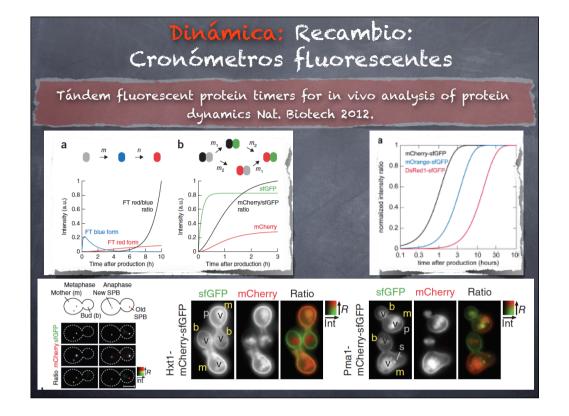
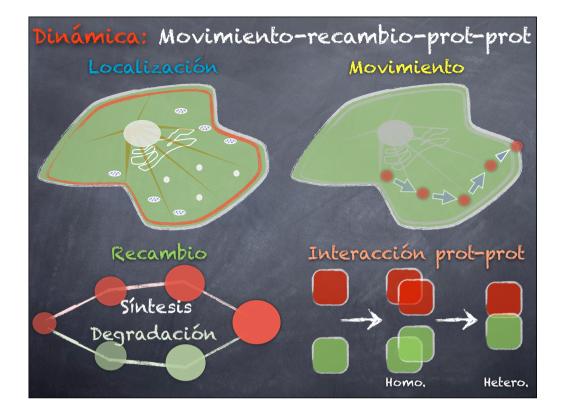


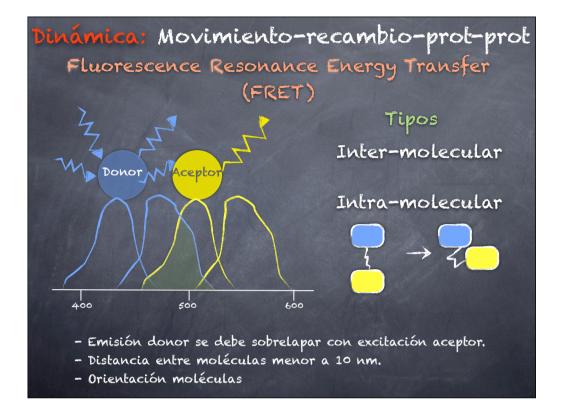
## Cronómetros fluorescentes "Fluorescent timer": protein that changes color with time. Science 290, 2000. | Se basa en utilización de DsRed, cuya estructura tetramérica

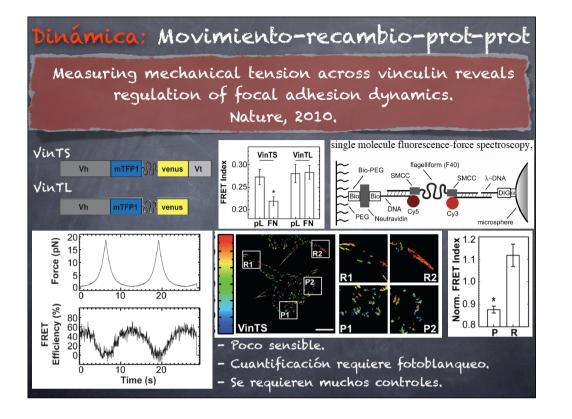
Se basa en utilización de DsRed, cuya estructura tetramérica no permite su utilización en proteínas de fusión clásicas, aunque si como reportero de actividad transcripcional.

## Dinamica Recambio: Cronómetros fluorescentes Monomeric fluorescent timers that change color from blue to red report on cellular trafficking. Nat. Chem. Biol. 2009. Sch 31h 77h Dinamica Recambio: The first change color from blue to red report on cellular trafficking. Nat. Chem. Biol. 2009.









## Dinámica: Movimiento-recambio-prot-prot

Complementación fluorescente bimolecular (BiFC)

On the enzymatic activity of subtilisin-modified ribonuclease. PNAS 1957.

".... By careful treatment with trichloroacetic acid it has been possible to separate this N-terminal peptide (RNase-S-Pep) from the rest of the molecule (RNase-S-Prot). These fractions have only traces of residual enzymic activity. On mixing a solution of the trichloroacetic acid precipitate with an equivalent amount of the supernatant fluid, the full enzymic activity of the unfractionated material is regenerated".

