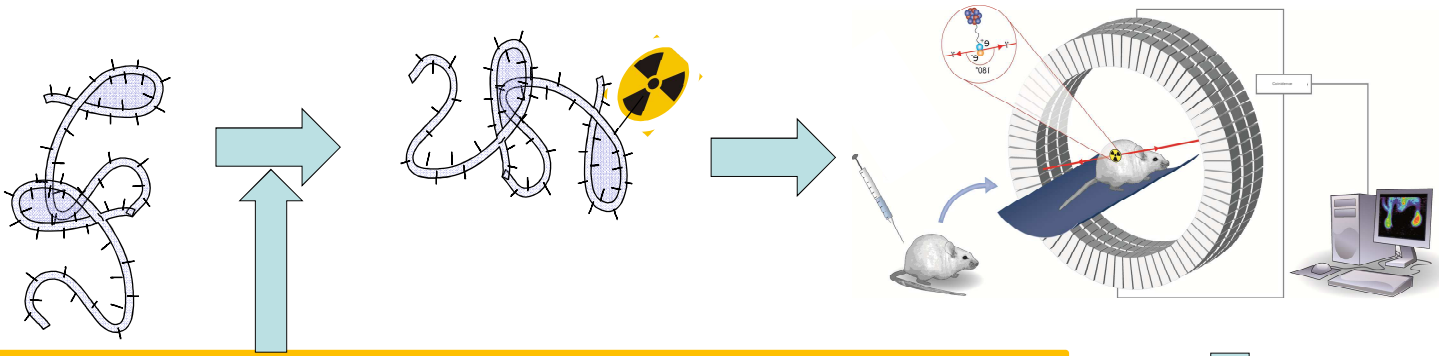
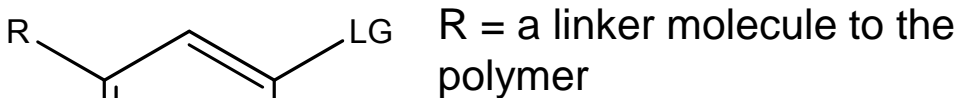




Labelling for use in PET scanners



Labelling with ^{18}F



LG = a good leaving group for $\text{S}_{\text{N}}2$ (Br, I, NO_2 , NME_3^+ Otf⁻, SiFa)

EWG = an electron withdrawing group (CN, NO_2 , CHO)

LG \rightarrow ^{18}F 

Labelling with radiometals

