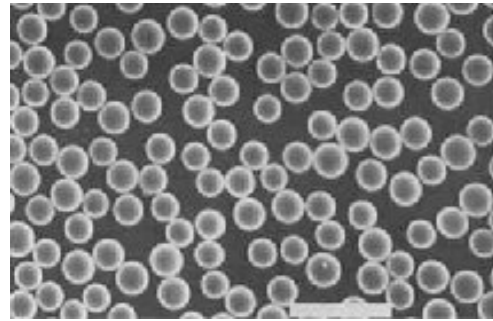


HPC simulations of glassy materials for biomedicine

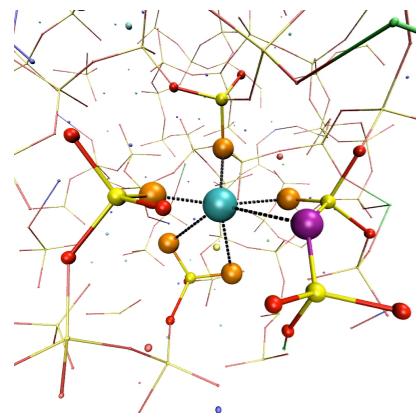
Jamieson Christie

jamieson.christie@ucl.ac.uk

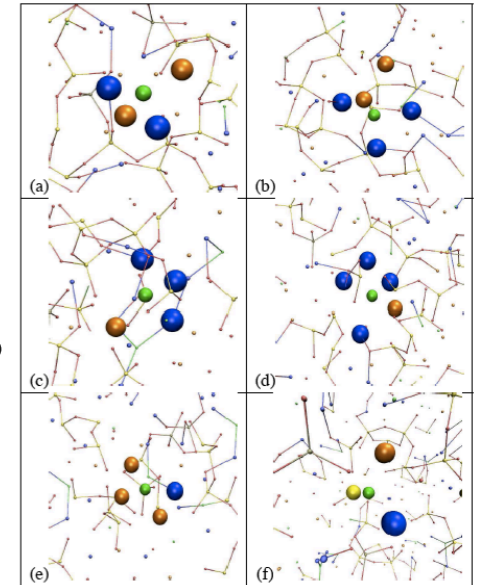


yttrium aluminosilicate glass for radiotherapy

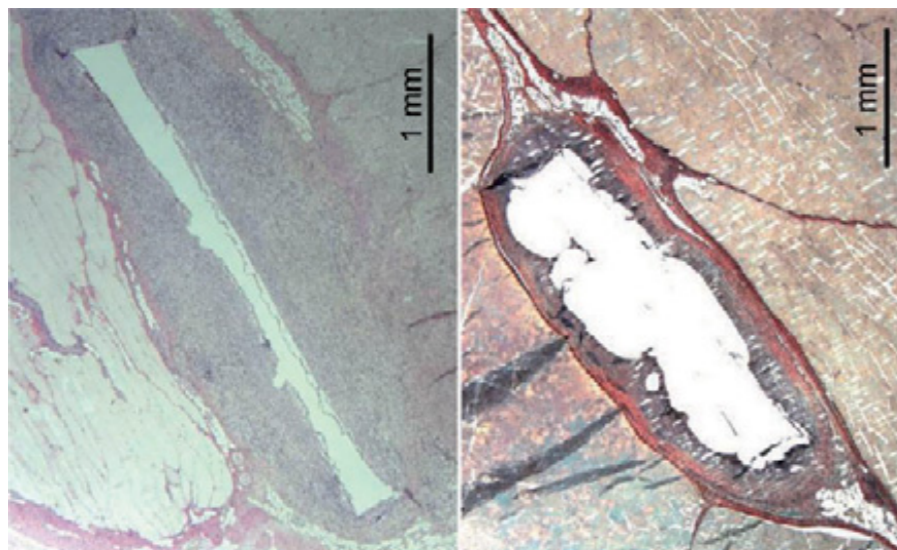
fluorinated bioactive silicate glass



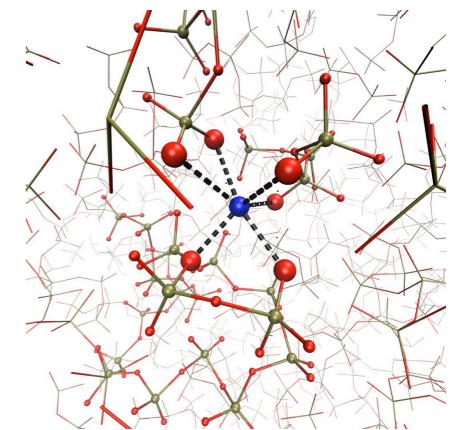
structural descriptors of silicate glass dissolution



dissolution of phosphate glass



bulk Mg-based metallic glasses...



Composition / structure / degradation

Long MD simulations needed