

Pharma

For a while CiT's relation to pharmaceuticals was mainly given by the modelling of particles, especially pharmaceutical crystallization using PARSIVAL. During the last two years we have developed the innovative virtual lab MEDICI-PK focussing on pharmacokinetics and -dynamics. This involves the study of the drug-organism interaction, in particular the investigation of absorption, distribution, metabolism and excretion (ADME) processes and the effect of the drug on the body. We hope and believe that MEDICI-PK will be for pharmacokinetics what PREDICI has been and is for polymer kinetics.