

L.A. Peletier: Rational Pharmacology

Whereas the basic models of mechanics can boast a centuries old history and the best of pedigree, the same cannot be said of pharmacology, the branch of medicine and biology concerned with the study of drug action. The underlying phenomena are complex and the road from administration of drug to resulting effect, the *biomarker*, is long and contorted. In this lecture we discuss two case studies which display the complexities of the subject, but also the opportunities for the type of reasoning advanced in rational mechanics.