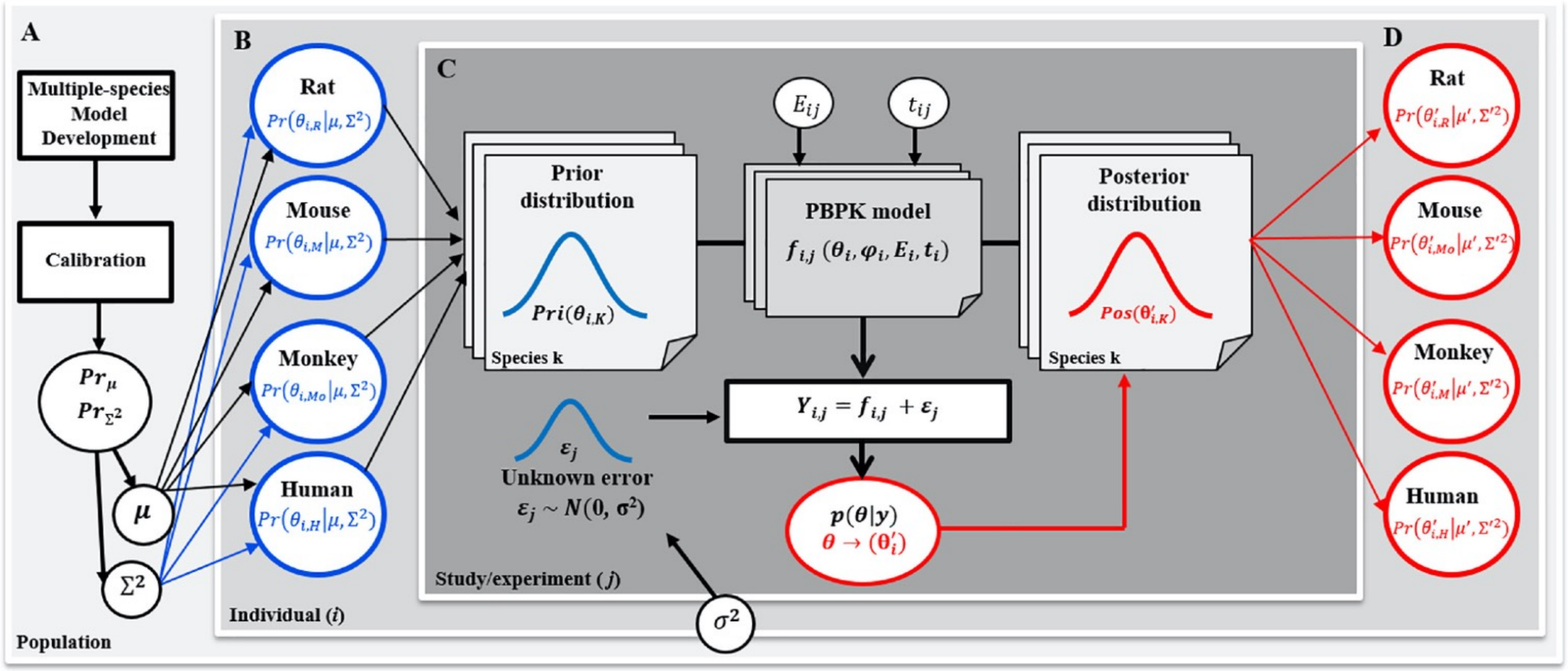
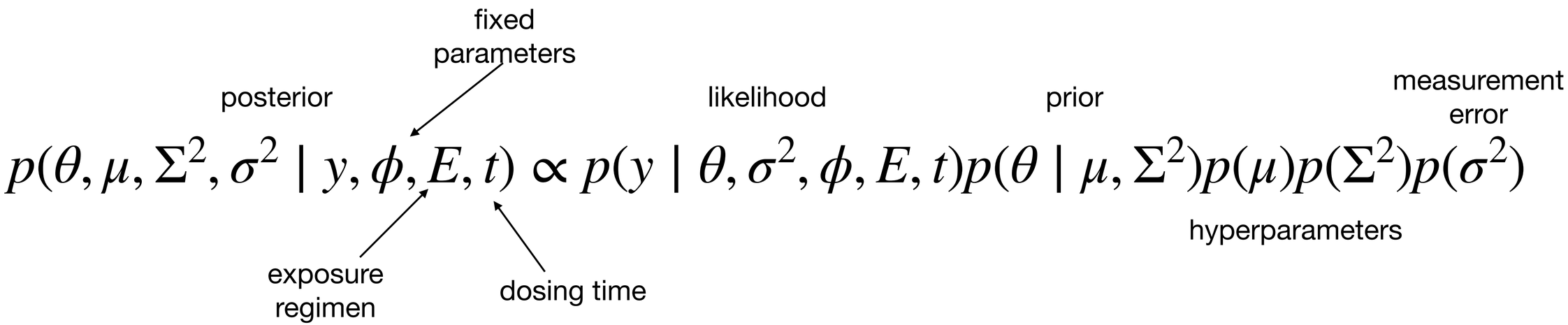
Fitting ODE models to observed data

Bayesian approach



Posterior distribution merges ALL information



- Modelling assumptions have to make sense
  - Note 1: physiological parameters can be naturally truncated
  - Note 2: certain random quantities are positive and skewed right - log-normal distribution
  - Note 3: parameters are high-dimensional vectors