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A Mathematical Model of Antibody-Dependent Cellular Cytoxicity (ADCC)

F. Hoffman, D. Gavaghan, J. Osborne, I.P. Barrett, T. You, H. Ghadially, R. Sainson, R.W. Wilkinson, H.M. Byrne

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Highlights

- A time-dependent ODE model of antibody-dependent cellular cytotoxicity was developed
- Asymptotic analysis of the model reveals a natural separation of timescales
- Model analysis shows how tumour cell kill rate can be estimated from ADCC experiments



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