

REVIEW  
on the article by K.P. ILINA  
**MATHEMATICAL MODELING OF CELL PROPAGATION IN THE  
BODY USING THE REACTION-DIFFUSION EQUATION**

The paper considers a biological model for cell populations which consists of diffusion-reaction equations. The reaction term is nonlinear, KPP type, which varies between two equilibrium points. The author studies the dynamics of the solution for various parameters of reaction and diffusion. The paper mostly focus on careful study of the interplay between reaction and diffusion for one dimensional and two dimensional models. The author considers various parameters and show how the diffusion can affect the propagating front. The paper is well written. The main novelty of the paper is on the study between diffusion and reaction and numerical simulations. I recommend the paper for publication.

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