

Conferinta in onoarea domnului Morozan cu ocazia implinirii virstei de 80 de ani

**A model for cell evolution in CML under treatment including
pharmakodynamics**

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Abstract: A delay differential equations model is used for the evolution of healthy and leukemic cells in competition, under the action of the immune system. Treatment effects are present through functions that depend on the drug concentration in the plasmatic compartment. The equations for these concentrations are also included in the model and the influence on the stability of equilibria is investigated.