**CD++ Model Data Form**

Title: COPD Cauchy-Euler Model

Type: Cell-DEVS Model

Acronym/Short name: COPD

Purpose for which Developed: The model has to simulate the process of spread bird flu with rules and 10000 cells. L=W=100.

Other Applications for which it is Suitable:

Date Developed/Implemented: November 12, 2019

Domain: Other

Current Version:

URL:

Description (including characteristics): The aim of the proposed model is to model the deposition of the inhaled drug on the infected airway into Cauchy-Euler differential equation and use Cell DEVS to simulate the evolution of the recovery of the inflamed airway.

Short Title:

URL:

Description:

Keywords: CELL DEVS, Cellular automaton , neighbours ,cell, COPD.

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