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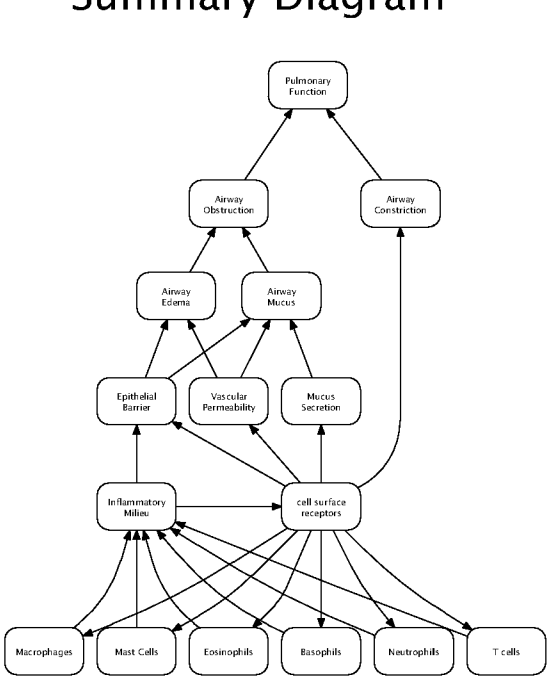
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(54) **Title:** APPARATUS AND METHOD FOR COMPUTER MODELING RESPIRATORY DISEASE



(57) **Abstract:** The invention encompasses novel methods for developing a computer model of a mammalian respiratory system. In particular, the models include representations of biological processes associated with obstruction of the respiratory system with constriction of the respiratory system. The invention also encompasses computer models of respiratory systems, methods of simulating respiratory systems and computer systems for simulating respiratory systems.

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