



## The Dynamics of Dendritic Cell—Mediated Innate Immune Regulation

<http://www.firstlight.cn> 2007-09-13

After taking up pathogen-derived antigens, dendritic cells (DCs) leave peripheral organs and migrate into sentinel lymph nodes via afferent lymphatic vessels. During this process, they undergo maturation and produce proinflammatory cytokines, which leads to efficient antigen (Ag) presentation and activation of the innate and acquired immune systems. Recent evidence indicates that DC subsets cooperate to activate the innate immune system. It is becoming clear that the total DC population is composed of a network of DC subsets with distinct functions that are critical for sensing pathogens and orchestrating immune responses.

[存档文本](#)