

The I3<sup>rd</sup> Iranian Conference on **Systems Biology** 

## Plant medicine and their application **Presentation by Mostafa Asadbegy** PhD. Biologoy, Plant Physiology



## Abstract





The innate immune system is the body's first line of defense. It activates macrophages, neutrophils and other cells to attack and destroy the outsider.



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Macrophages Vitamin D binds to these cells and facilitates gene expression that makes the cells better at killing pathogens.