

Accepted Manuscript

When is allergen immunotherapy effective?

Akane Hara , Yoh Iwasa

PII: S0022-5193(17)30200-X
DOI: [10.1016/j.jtbi.2017.04.030](https://doi.org/10.1016/j.jtbi.2017.04.030)
Reference: YJTBI 9055

To appear in: *Journal of Theoretical Biology*

Received date: 23 December 2016
Revised date: 27 April 2017
Accepted date: 28 April 2017



Please cite this article as: Akane Hara , Yoh Iwasa , When is allergen immunotherapy effective?, *Journal of Theoretical Biology* (2017), doi: [10.1016/j.jtbi.2017.04.030](https://doi.org/10.1016/j.jtbi.2017.04.030)

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Highlights

- Mathematical model of allergen immunotherapy for pollen allergy was developed.
- We identified the conditions for the therapy to be likely to succeed.
- The decay rate of Treg cells needs to be much smaller than that of Th2 cells.
- The schedule of dose increasing with time is more effective than constant dose.

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