

Oral Allergy Syndrome: The Basics

- ☐ **aka Pollen Food Allergy Syndrome**
- ☐ **Prevalence: unknown, increasing**
- ☐ **Cross-reaction from primarily from respiratory sensitization. Sensitization to labile proteins encountered via the respiratory route, such as pollens, results in allergic antibodies that recognize homologous epitopes on food proteins from plants**

Werfel et al., *European Journal of Allergy and Clinical Immunology*, 70 (9), 2015.

Your turn...

- ☐ M1: What is the medical term for itch?
- ☐ M2-G1: What isotype of antibody is responsible?
- ☐ G2-G4+: What type of protein structure is responsible for symptoms? (1° vs. 2°...)
- ☐ M3-M4: What is a potential treatment?