



Learning Objectives

By the end of this seminar,

- ☐ **M1-M2: identify cells and mediators of allergic reactions**
- ☐ **G1-G4s+: describe laboratory techniques used in the workup of A/I diseases; identify areas available for research**
- ☐ **M3-M4: provide a differential diagnosis of common allergic diseases; utilize key history**
- ☐ **All: recognize key features of allergic reactions and immune deficiencies**

Case 1