
Clinical AOPs:

Mapping Key Events to Diagnostic Test Information

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Dermal and respiratory sensitizers are both haptens which bind proteins to create antigens, however:

- There are no established test methods to identify respiratory sensitizers.
- Respiratory sensitization is not tested in humans.

except...

Diagnosis is a process



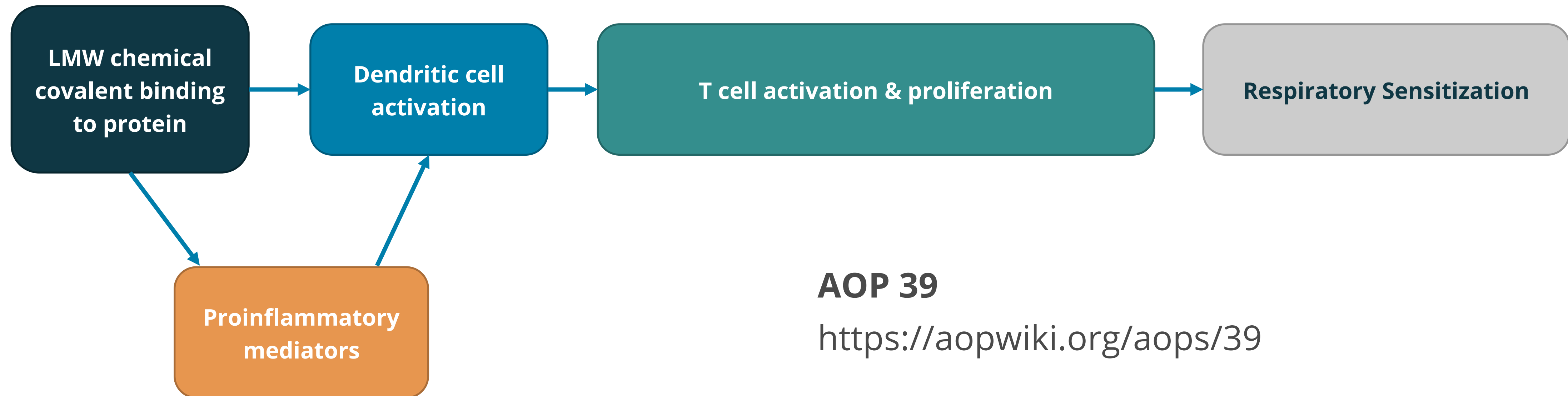
Patient-Reported Signs and Symptoms

Initial Clinical Inquiry

Higher-Tier Testing

DDx: Occupational Asthma

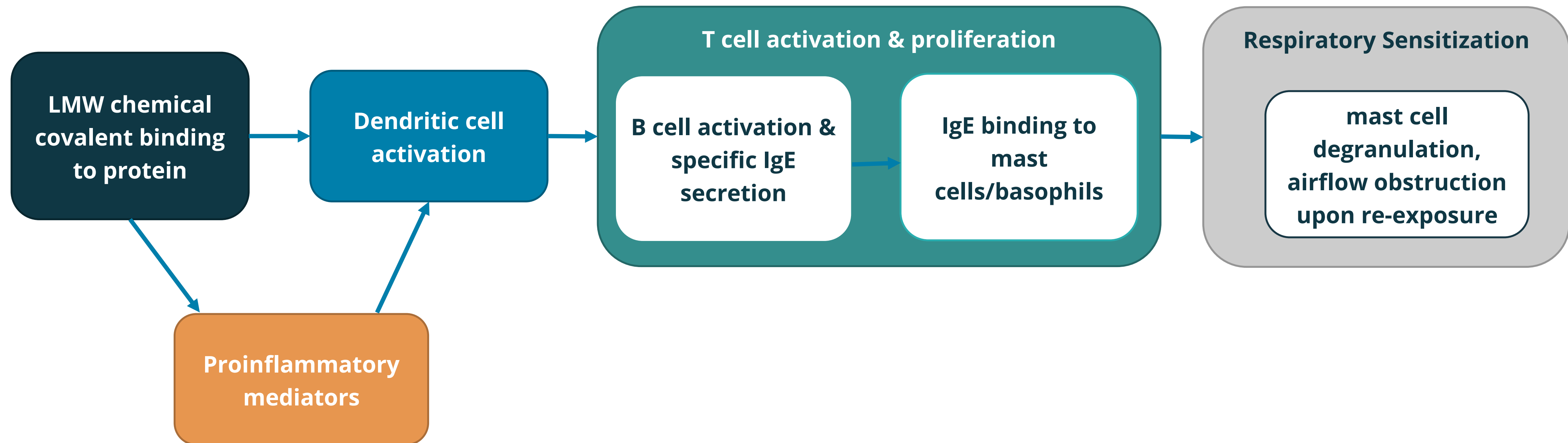
Respiratory Sensitization Caused by Low Molecular Weight Chemicals

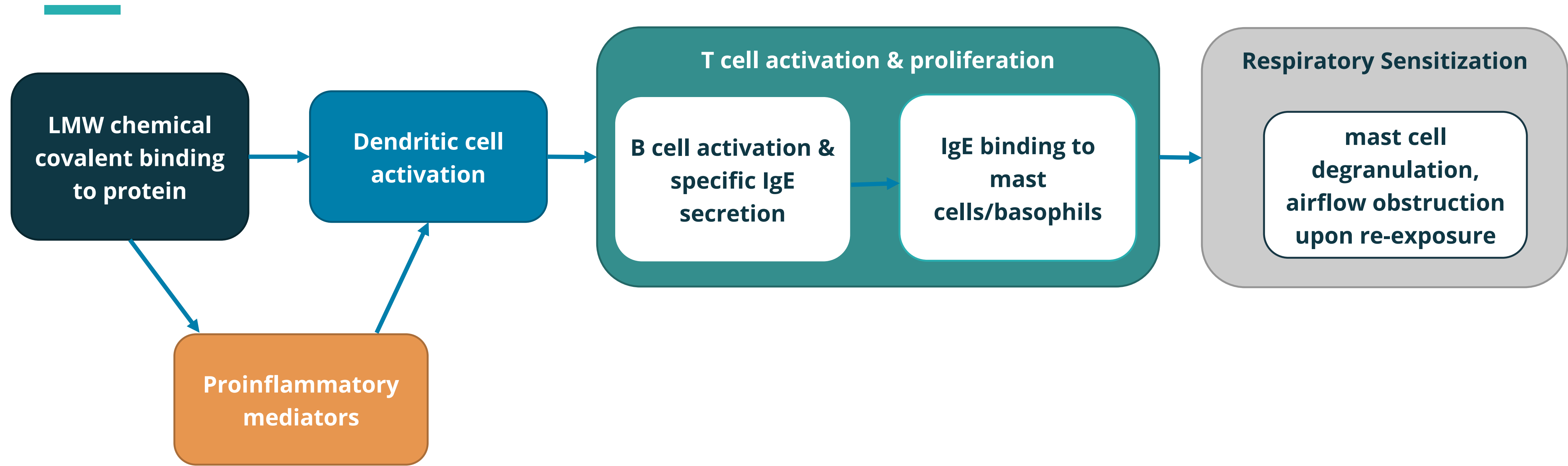


AOP 39

<https://aopwiki.org/aops/39>

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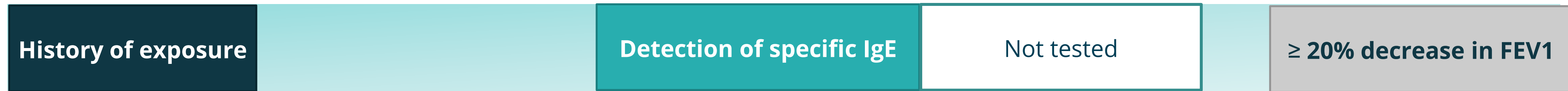




Respiratory Sensitizer A



Respiratory Sensitizer B



Not how, but HOW?

- Be willing to get **messy**.
- Be **conscious** about bias.
- Work in **diverse teams**.

—
Clinical data is the gold standard.

Refining the ore is dirty work...





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