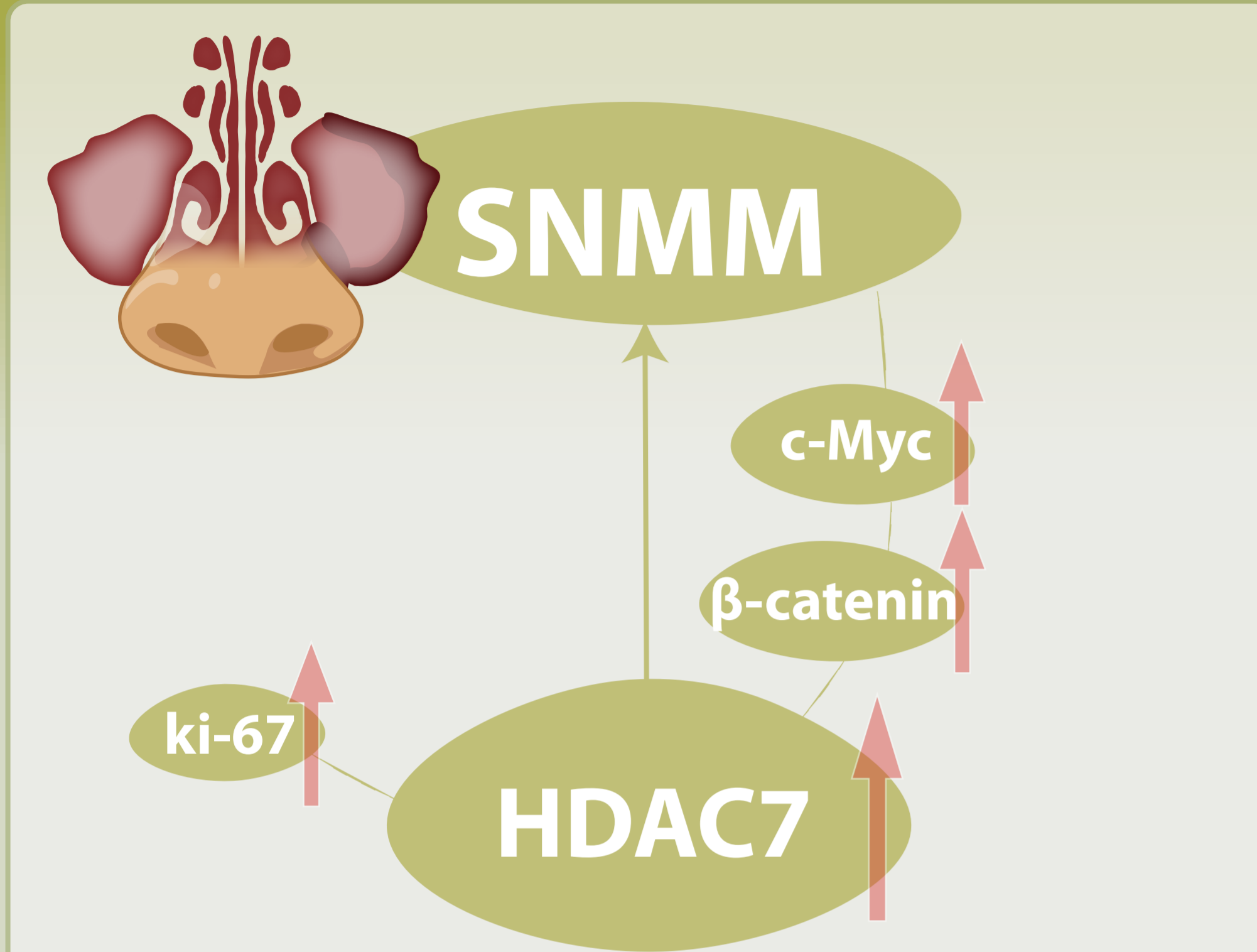


# High-HDAC7 expression related to poor prognosis in sinonasal mucosal melanoma (SNMM)



### Immunohistochemistry

30 SNMM patients treated 2013-2023

**HDAC7** ↑ in

↑ in stage IV vs stage III

↑ in T4 grade vs T3 grade

**HDAC7** Carcinogenic role may be mediated by

**$\beta$ -catenin** **C-Myc**

### Overall survival (OS)

Median: 29 months

**HDAC7** ↑

- Correlated with poor OS
- Correlated with poor disease-free survival

### Significant factors leading to poor prognosis:

**HDAC7** ↑ **C-Myc** ↑

- Positive surgical margins
- T4 grade
- Stage IV

**HDAC7** ↑ associated with:

- Advanced T grade
- Advanced clinical stage
- Poor prognosis

May influence cell proliferation, invasion, migration via

**Wnt**  **$\beta$ -catenin** **C-Myc** pathway