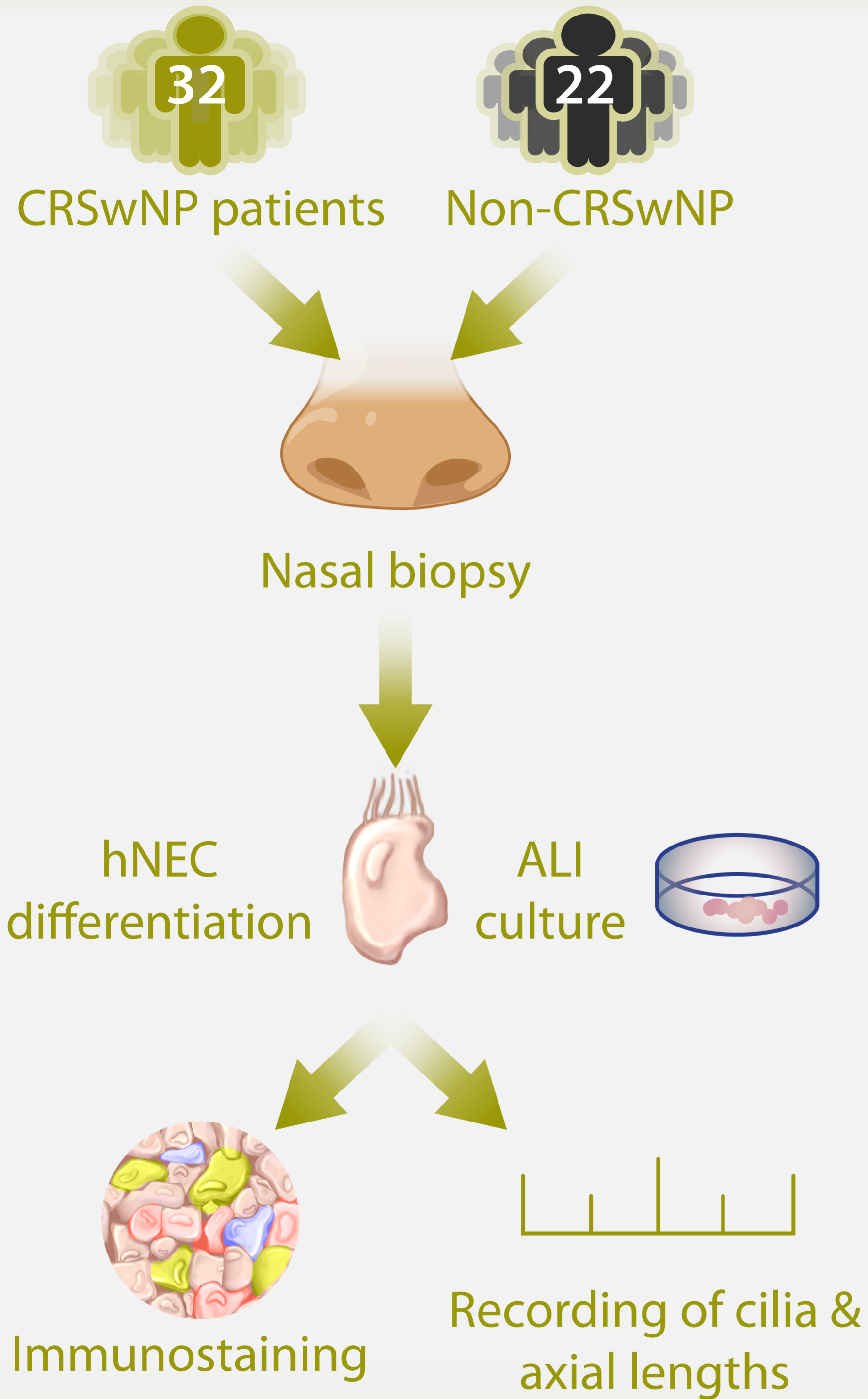


The elongated ciliated cells derived from nasal polyps are distinctly different from ciliated cells in different parts of the nasal mucosa



Cilia length greater in CRSwNP vs control

Distinct population of elongated ciliated cells (ECCs) in nasal polyp (NP) tissue

ECCs
Total NP ciliated cells

ECC-like cells found in polypoid-transformed mucosa adjacent to NPs

Persisting after ALI culture

Inner/outer cilia length disparity

Outer cilia up to 20.0 μm

A population of ECCs and concomitant impairment of ciliary function can be found in NPs, which may represent a key pathogenic factor in the development and progression of CRSwNP