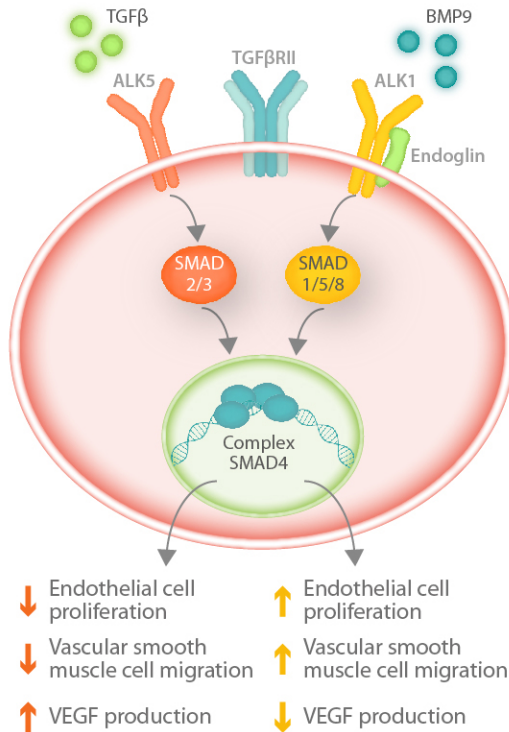
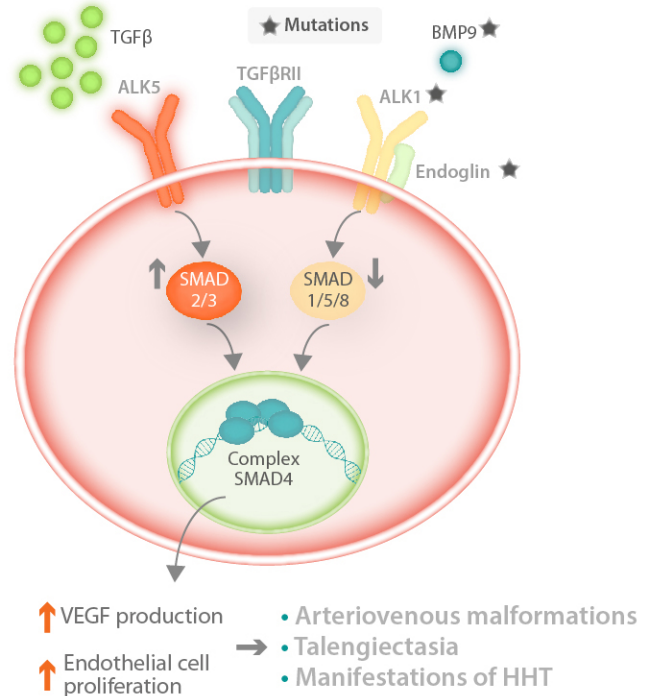


# Pathophysiology, diagnosis and management of hereditary hemorrhagic telangiectasia (HHT)

## Physiological signaling pathway



## Pathophysiological signaling pathway in HHT



## CLINICAL MANIFESTATIONS

- Mucocutaneous telangiectasias
- Arteriovenous malformations
- Epistaxis
- GI bleeding
- Iron deficiency
- Iron deficiency anemia
- Ischemic and hemorrhagic stroke
- Brain abscess
- Heart failure
- Liver failure

## DIAGNOSTIC CRITERIA (Curaçao criteria)

- Spontaneous and recurrent epistaxis
- Telangiectasias at characteristic sites
- Visceral arteriovenous malformations or telangiectasias
- A first degree relative with HHT