PROJECT RESUME

While a wealth of information is available on the embryonic development of the parenchyma of the submandibular salivary gland, little is known on the development of the main excretory duct, which connects the smaller ducts of the salivary gland to the oral cavity, thereby allowing the saliva to reach the oral cavity. The research project will aim to understand the cellular mechanisms leading to the formation of the main excretory duct during embryogenesis, with a focus on cell proliferation, cell death and cell polarisation. The data obtained will enhance our understanding of the general process of tubulogenesis and provide insight into the embryonic origin of the main excretory duct of the submandibular gland.