

# **A Scoping Review of RET Proto-oncogene Mutation Profiles in Medullary Thyroid Carcinoma: Implications for Prophylactic Surgery in the Nile Delta Region of Djibouti**

---

S, o, f, i, a, O, m, a, r, D, j, a, m, a, ,, I, d, r, i, s, s, A, l, i, F, a, r, a, h, ,, M, a, h, d, i, I, s, m, a, e, l, R, o, b, l, e, h, ,, A, m, i, n, a, M, o, h, a, m, e, d, H, a, s, s, a, n

DOI: <https://doi.org/10.5281/zenodo.18543327>

# | Abstract

This study addresses a current research gap in African Studies concerning Analyzing the mutation profile of the RET proto-oncogene in patients with medullary thyroid carcinoma from the Nile Delta region and its implications for prophylactic surgery in Djibouti. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A structured review of relevant literature was conducted, with thematic synthesis of key findings. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Analyzing the mutation profile of the RET proto-oncogene in patients with medullary thyroid carcinoma from the Nile Delta region and its implications for prophylactic surgery, Djibouti, Africa, African Studies, scoping review This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

---