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**Colorectal Cancer
Biology: Clinicopathologic
characteristics, Mismatch
Repair (MMR) status and
prognostic factors of
colorectal carcinoma in
Sub-Saharan Africa**

The aim of my research is to determine the prevalence of mismatch repair status (MLH1, PMS2, MSH2, and MSH6) in colorectal carcinoma in different regions of SSA and assess the association of demographic and histomorphologic characteristics with mismatch repair status. Furthermore, histological data including histopathological grading, tumor infiltrating lymphocytes, differentiation, and tumor budding, will be evaluated, along with prognostic factors pertaining to protein, RNA, and DNA levels. The significance of MMR status lies in its potential as a biomarker for predicting treatment response and prognosis.

Supervisors: Dr. Senait Ashenafi, Dr. Marcus Bauer and
Prof. Dr. Eva J. Kantelhardt