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## **LIST OF ABBREVIATIONS**

AN Areca nut

BBCI Dr. Bhubaneswar Borooah Cancer Institute

BQ Betel quid

CI Confidence intervals

CYP Cytochrome super family P-450

EDTA Ethylene-di-amine-tetra Acetic acid

EH Epoxide hydrolase

EM Extensive metabolizers

HNC Head and Neck Cancer

LTA4 Leukotriene A4

IARC International Agency for Research on Cancer

NGC N-Nitrosoguvacine

NGL N-Nitrosoguvacoline

MNPA 3-Methylnitrosaminopropionaldehyde

MNPN 3-(Methylnitrosamino) propionitrile

OD Optical Density

OPMD Oral Potentially Malignant Disorders

OR Odd Ratio

PAH Polycyclic aromatic hydrocarbons

PCR Polymerase chain reaction

RFLP Restriction fragment length polymorphism

SCC Squamous cell carcinoma

SNP Single Nucleotide Polymorphism

TAE Tris Acetic EDTA

TE Tris EDTA

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