

**Diagnostic Role of Collagen Type III
Alpha1 in Fibroepithelial Lesions of the
Breast: An Immunohistochemical Study**

Thesis

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List of Abbreviation

Abbrev.	:	Full-term
ADH	:	Atypical ductal hyperplasia
ALH	:	Atypical lobular hyperplasia
BIRADS	:	Breast Imaging-Reporting and Data System
BRCA 1	:	Breast cancer 1 gene (tumor suppressor gene)
CD	:	Cluster designation
CD10	:	Cell membrane metalloproteinase
CD117 (c-Kit)	:	Proto-oncogene c-Kit or tyrosine-protein kinase Kit
CD34	:	Hematopoietic progenitor cell antigen CD34
CD68	:	Transmembrane glycoprotein (cluster of differentiation 68)
CDKN2A	:	Cyclin dependent kinase inhibitor 2A
CFA	:	Cellular fibroadenoma
CFELs	:	Cellular fibroepithelial lesions
CGH	:	Comparative genomic hybridization
CIS	:	Carcinoma in situ
CM	:	Centimeter
CNB	:	Core needle biopsy
COL3A1	:	Collagen 3 alpha1 gene
Col3A1	:	Collagen 3 alpha 1 protein
DCIS	:	Duct carcinoma in situ
ECM	:	Extracellular matrix
EDS	:	Ehlers-Danlos syndrome
EDTA	:	Ethylene diamine tetraacetic

List of Abbreviations

EGFR	: Epithelial growth factor receptors
ER	: Estrogen receptor
ERBB4	: Receptor tyrosine-protein kinase erbB-4
FA	: Fibroadenoma
FELs	: Fibroepithelial lesions
FNB	: Fine needle biopsy
HPF	: High power field
HCG	: Human chorionic gonadotropin
IDC	: Infiltrating ductal carcinoma
IGF II	: Insulin- growth factor II
IGF1R	: Insulin-like growth factor 1 receptor
IMP3	: Insulin like-growth factor II mRNA binding protein-3
IMH	: Immunohistochemistry
Ki67	: Proliferation marker
LCIS	: Lobular carcinoma in situ
LN	: Lymph node
MED12	: Mediator complex subunit 12 gene
MMG	: Mammogram
MRI	: Magnetic resonance imaging
mRNA	: Messenger ribonucleic acid
NCCN	: National comprehensive cancer network
NF1	: Nuclear factor1 (transcription factor)
P63	: Tumor protein p63 (transformation-related protein 63)
PASH	: Pseudoangiomatous stromal hyperplasia
PCR	: Polymerase chain reaction

List of Abbreviations

PDSH	: Periductal stromal hyperplasia
PDSS	: Periductal stromal sarcoma
PR	: Progesterone receptor
PST	: Periductal stromal tumor
PT	: Phyllodes tumor
RB	: Retinoblastoma gene
RR	: Relative risk
S	: Significant
SD	: Standard deviation
SEER	: Surveillance, Epidemiology, End results
SHG	: Second harmonic generation
SPSS	: Statistical program for special science
TDLU	: Terminal ductal lobular unit
TERT	: Telomerase reverse transcriptase
TGF-β	: Transforming growth factor beta
Tp53	: Tumor protein p53
WHO	: World health organization

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