

# LIST OF ABBREVIATIONS

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ABVD	Adriamycin, bleomycin, vinblastine, dacarbazine
ACS	American Cancer Society
ACT	Alternatives to carcinogenicity testing
AGT	O6-alkylguanine-DNA alkyltransferase
<i>ALL-1</i>	Acute lymphoblastic leukaemia-1 gene
AML	Acute myeloid leukaemia
<i>Aprt</i>	Adenine phosphoribosyl transferase
BCRP	Breast cancer resistance protein
BEACOPP	Bleomycin, etoposide, doxorubicin, cyclophosphamide, vincristine, procarbazine, and prednisone
BEP	Bleomycin, etoposide, and cisplatin
BMI	Body mass index
BN	Brown Norway rats
CAE	Cyclophosphamide, adriamycin, and etoposide
CASH	Cancer and steroid hormone
CAV	Cyclophosphamide, adriamycin, and vincristine
CCA	Clear cell adenocarcinoma
CHL	Chinese hamster lung
ChlVPP	Chlorambucil, vincristine, procarbazine, prednisone
CHO	Chinese hamster ovary
CI	Confidence interval
CLL	Chronic lymphocytic leukaemia
CML	Chronic myeloid leukaemia
CnA	Heterodimeric calcineurin
COP	Copenhagen rats
CPS	Cancer Prevention Study
CYP	Cytochrome P450
CYP3A4	Cytochrome P450 3A4
DESAD	US National Cooperative Diethylstilbestrol Adenosis
DMBA	7,12-Dimethylbenz[a]anthracene
DMSO	Dimethylsulfoxide
dthioGTP	6-Thioguanine deoxynucleoside triphosphate
EBV	Epstein-Barr virus
EGFR	Epidermal growth factor receptor
EPT	Estrogen-progestogen trial
ER	Estrogen receptor
<i>ESR1</i>	ER $\alpha$ gene
FVB	Her-2/neu transgenic mouse

GSH	Glutathione
GST	Glutathione S-transferase
HBV	Hepatitis B virus
HCV	Hepatitis C virus
HERS	Heart and Estrogen/progestin Replacement Study
HIV	Human immunodeficiency virus
HPRT	Hypoxanthine(guanine)phosphoribosyl transferase
HPV	Human papilloma virus
HR	Hazard ratio
<i>HRX</i>	Human trithorax gene
<i>HTRX-1</i>	Human homologue of Drosophila thrithorax gene
IBD	Inflammatory bowel disease
IL-2	Interleukin-2
ILSI	International Life Sciences Institute
IRR	Incidence rate ratio
LC/MS-MS	Liquid chromatography-tandem mass spectrometry
MDS	Myelodysplastic syndromes
me6-TG	S-Methylthioguanine
meTIMP	Methylthioinosine monophosphate
<i>MGMT</i>	O6-Methylguanine-DNA methyl transferase
MLL	Mixed lineage leukaemia gene
MMMTs	Malignant mixed mullerian tumours
MMP	Matrix metalloproteinases
MMR	Mismatch repair
MNU	N-Methyl-N-nitrosourea
MOPP	Mechlorethamine, oncovin, procarbazine, prednisone
MPA	Medroxyprogesterone acetate
mPTEN	Murine PTEN
NAD(P)H	Nicotinamide adenine dinucleotide (phosphate)
NCI	US National Cancer Institute
NDIC	Netherlands Diethylstilbestrol Information Centre
NFAT	Nuclear factor of activated T cells
NHL	Non-Hodgkin lymphoma
nor-G	N-(2-Chloroethyl)-N-[2-(7-guaninyl)ethyl]amine
NQO1	NAD(P)H:quinone oxidoreductase
Nsbp1	Nucleosomal binding protein-1
PP2B	Protein phosphatase 2B
PR	Progesterone receptor
PR+	Progesterone receptor-positive
PrR	Prevalence ratio
PUVA	Psoralen (P) and high-intensity long wavelength (UVA) irradiation
Rb	Retinoblastoma protein
ROS	Reactive oxygen species
RR	Relative risk
<i>S. cerevisiae</i>	<i>Saccharomyces cerevisiae</i>
SEER	Surveillance, Epidemiology and End Results
SIR	Standardized incidence ratio
SNP	Single-nucleotide polymorphism
SMADs	Small mothers against decapentaplegic proteins
<i>S. typhimurium</i>	<i>Salmonella typhimurium</i>

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SULT2A1	Hydroxysteroid sulfotransferase 2A1
T	Thymine
TGF- $\alpha$	Transforming growth factor $\alpha$
TGF- $\beta$	Transforming growth factor $\beta$
TGN	Thioguanine nucleotide
TIMP	Thioinosine monophosphate
TPMT	Thiopurine methyltransferase
UDP	Uridine 5'-diphosphate
UDS	Unscheduled DNA synthesis
USP	United States Pharmacopoeia
UVA	Ultraviolet A
VAC	Vincristine, actinomycin D, and cyclophosphamide
VBMCP	Vincristine, carmustine, melphalan, cyclophosphamide, and prednisone
WHI	Women's Health Initiative
WHI-EPT	Women's Health Initiative Estrogen-Progestogen Trial
WHI-ET	Women's Health Initiative Estrogen-only Trial
WHS	Women's Health Study
WISH	Woman's Interview Study of Health
$\beta$ ERKO	Estrogen receptor $\beta$ knockout

