

ABSENCE OF EXCESS BODY FATNESS

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IARC HANDBOOKS OF
CANCER PREVENTION

LIST OF ABBREVIATIONS

AKT	protein kinase B
AL	ad libitum
AML	acute myeloid leukaemia
AMP	adenosine monophosphate
AMPK	AMP-activated protein kinase
AOM	azoxymethane
ATP	adenosine triphosphate
BIA	bioelectrical impedance analysis
BMI	body mass index
BOP	<i>N</i> -nitrosobis(2-oxopropyl)amine
CDK	cyclin-dependent kinase
cDNA	complementary DNA
CDR	chronic dietary restriction
CI	confidence interval
CIMP	CpG island methylator phenotype
CLL	chronic lymphocytic leukaemia
CML	chronic myeloid leukaemia
COX-2	cyclooxygenase-2
CR	calorie restriction
CRC	colorectal cancer
CRP	C-reactive protein
CT	computed tomography
DEN	diethylnitrosamine
DHEA	dehydroepiandrosterone
DIO	diet-induced obesity
DLBCL	diffuse large B-cell lymphoma
DMBA	7,12-dimethylbenz[<i>a</i>]anthracene
DR	dietary restriction
DXA	dual-energy X-ray absorptiometry
EDC	endocrine-disrupting chemical
8-epi-PGF _{2α}	8-epi-prostaglandin F _{2α}
EPIC	European Prospective Investigation into Cancer and Nutrition
ER	estrogen receptor
F344	Fischer 344

GIANT	Genetic Investigation of Anthropometric Traits
GRS	genetic risk score
GTG	gold thioglucose
HBV	hepatitis B virus
HCC	hepatocellular carcinoma
HCV	hepatitis C virus
HER2	human epidermal growth factor receptor 2
HFD	high-fat diet
HPV	human papillomavirus
HR	hazard ratio
HRT	hormone replacement therapy
IARC	International Agency for Research on Cancer
ICD	International Classification of Diseases
IDR	intermittent dietary restriction
IGF-1	insulin-like growth factor 1
IGF-1R	IGF-1 receptor
IGFBP	IGF binding protein
IL	interleukin
IWL	intentional weight loss
LFD	low-fat diet
MAPK	mitogen-activated protein kinase
METs	metabolic equivalents
MMTV	mouse mammary tumour virus
MNU	<i>N</i> -methyl- <i>N</i> -nitrosourea
MRI	magnetic resonance imaging
MSI	microsatellite instability
MSS	microsatellite-stable
mTOR	mammalian target of rapamycin
NAFLD	non-alcoholic fatty liver disease
NAFPD	non-alcoholic fatty pancreatic disease
NASH	non-alcoholic steatohepatitis
NCDs	noncommunicable diseases
NF- κ B	nuclear factor kappa-light-chain-enhancer of activated B cells
NHANES	National Health and Nutrition Examination Survey
NHL	non-Hodgkin lymphoma
NIH-AARP	National Institutes of Health–AARP Diet and Health Study
NOS	not otherwise specified
25(OH)D	25-hydroxyvitamin D
OR	odds ratio
8-oxo-dG	8-hydroxydeoxyguanosine
PAI-1	plasminogen activator inhibitor-1
PanIN	pancreatic intraepithelial neoplasia
PCR	polymerase chain reaction
PDAC	pancreatic ductal adenocarcinoma
PI3K	phosphoinositide 3-kinase
PIN	prostatic intraepithelial neoplasia
PPAR	peroxisome proliferator-activated receptor
PR	progesterone receptor
PSA	prostate-specific antigen
RCC	renal cell carcinoma

RCT	randomized controlled trial
ROS	reactive oxygen species
RR	relative risk
SASP	salicylazosulfapyridine
SD	standard deviation
SEER	Surveillance, Epidemiology, and End Results
sGC	soluble guanylyl cyclase
SHBG	sex hormone-binding globulin
SHT	scopolamine hydrobromide trihydrate
SLL	small lymphocytic lymphoma
SNP	single nucleotide polymorphism
STAT	signal transducer and activator of transcription
TDR	total dietary restriction
TGF	transforming growth factor
TNF- α	tumour necrosis factor alpha
TPA	12- <i>O</i> -tetradecanoylphorbol-13-acetate
TRAMP	transgenic adenocarcinoma of the mouse prostate
VEGF	vascular endothelial growth factor
Vo_{2max}	maximal oxygen uptake
WC	waist circumference
WCRF	World Cancer Research Fund
WHO	World Health Organization
WHR	waist-to-hip ratio

