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ABCs Aberrant crypts

ACF Aberrant Crypt Foci

A(ChE) Acetyl Cholinesterase

ADME Absorption, Distribution, Metabolism and Excretion

ADI Acceptable Daily Intake

AGD Anogenital Distance

ANS Additives and Nutrient Sources

ANSES Agency for Food, Environmental and Occupational Health and Safety

AOP Adverse Outcome Pathway

AUC Area under the curve

BET Brunauer-Emmett-Teller

| BSA | Bovine serum albumin |
|------------------|---|
| CA | Chromosome aberration |
| CAC | Colitis Associated Cancer |
| CEA | Commissariat à l'énergie atomique et aux énergies alternatives |
| СОМ | Committee on the Mutagenicity of chemicals in Food, Consumer Products and the Environment |
| СОТ | Committee on the Toxicity of chemicals in Food, Consumer Products and the Environment |
| COX | Cyclooxygenase |
| CRAMP | cathelin-related antimicrobial peptide |
| | |
| CY | Cyclophosphamide |
| CY | Cyclophosphamide Dendritic cells |
| | |
| DC | Dendritic cells |
| DC DLS | Dendritic cells Dynamic Light Scattering |
| DC DLS DMH | Dendritic cells Dynamic Light Scattering dimethylhydrazine |

ECHA European Chemicals Agency

EDM-HSI Enhanced darkfield microscopy with hyperspectral imaging

EDTA Ethylenediaminetetraacetic acid

EDX Energy-dispersive X-ray

EFSA European Food Safety Authority

ELISA enzyme-linked immunosorbent assay

EOGRT Extended One Generation Reproductive Toxicity

ER Endoplasmic Reticulum

EU European Union

FACS Fluorescence-Activated Cell Sorting

FAF The Panel on Food Additives and Flavourings

FAO Food and Agriculture Organisation

FBS Fetal bovine serum

FSA Food Standards Agency

FSANZ Food Standards Australia New Zealand

GALT Gut-associated lymphoid tissue

GD Gestation Day

GFAP Glial Fibrillary Acidic Protein

GI Gastrointestinal

GIT Gastrointestinal Tract

GLP Good Laboratory Practice

GM-CSF Granulocyte Macrophage - Colony Stimulating Factor

GSH Glutathione

HBGV Health-based Guidance Value

hprt hypoxanthine phosphorybosyl transferase

IARC International Agency for Research on Cancer

ICAM Intercellular Adhesion Molecule

ICP-AES Inductively coupled plasma – atomic emission spectrometry

ICP-MS Inductively coupled plasma mass spectrometry

IEL intraepithelial lymphocytes

IFN Interferon

IgM Immunoglobulin M

IL Interleukin

INRS Institut National de la Recherche et de Securite

i.v. intravenous

JECFA Joint FAO/WHO Expert Committee on Food Additives

JRC Joint Research Council

KLH Keyhole limpet haemocyanin

LOD Limit of Detection

LOQ Limit of Quantification

MCHC mean corpuscular hemoglobin concentration

MCV Mean corpuscular volume

MN Micronucleus

MPLs Maximum Permitted Levels

NCI National Cancer Institute

NDNS National Diet and Nutrition Survey

NK Natural killer

NMs Engineered Nanomaterials

NOAEL No Observed Adverse Effect Level

NPs Nanoparticles

NRCWE The National Research Centre for the Working Environment

NTP US National Toxicology Program

OECD The Organisation for Economic Co-operation and Development

OECD Working Party on Manufactured Nanomaterials

pg pigment grade

PLYz P-lysozyme

POD Point of Departure

PSLT Poorly Soluble Low Toxicity

PND Postnatal Day

QS Quantum Satis

RAG Red, amber, green

RBC Red blood cell

REG regenerating islet-derived protein

RIVM Dutch National Institute for Public Health and the Environment

ROS Reactive Oxygen Species

SCF Scientific Committee on Food

SCCS EU Scientific Committee on Consumer Safety

SD Sprague Dawley

SDF Stromal Cell-Derived Factor

SEM Scanning Electron Microscopy

SOD Superoxide dismutase

spICP-HRMS single particle ICP-high resolution MS

STEM Scanning Transmission Electron Microscopy

TBARS thiobarbituric acid reactive substances

TDMA Titanium Dioxide Manufacturers Association

TEM Transmission Electron Microscopy

TG Test Guideline

TGF Transforming Growth Factor

TLR Toll-Like Receptor

TNF Tumour Necrosis Factor

uf ultrafine

WBC White blood cell

WHO World Health Organisation

XSDC X-ray scanning disc centrifuge