List of Acronyms and Abbreviations

| ADI | acceptable daily intake |
|-------------|---|
| AI | acceptable intake |
| alpha-TE | alpha-tocopherol equivalent |
| ANS | EFSA Panel on Food Additives and Nutrient Sources Added to Food |
| AREDS | Age-Related Eye Disease Study |
| ASEAN | Association of South East Asian Nations |
| ATBC | Alpha-Tocopherol Beta-Carotene Cancer Prevention Study |
| BMD | benchmark dose |
| CARET Study | Carotenoid and Retinol Efficacy Trial |
| CCNFSDU | Codex Committee on Nutrition and Foods for Special Dietary Uses |
| CDC | Centers for Disease Control |
| CHAOS | Cambridge Heart Antioxidant Study |
| DFE | dietary folate equivalent |
| DRI | dietary reference intake |
| EC SCF | European Commission's Scientific Committee on Food |
| EFSA | European Food Safety Authority |
| EPA | U.S. Environmental Protection Agency |
| EVM | Expert Group on Vitamins and Minerals |
| FAO | Food and Agriculture Organization of the UN |
| FASEB | Federation of American Societies for Experimental Biology |
| FDA | U.S. Food and Drug Administration |
| FNB | Food and Nutrition Board of the Institute of Medicine |
| FSA | UK Food Standards Agency |
| GL | guidance level |
| HHS | U.S. Department of Health and Human Services |
| HOI | highest observed intake |
| НОРЕ | Heart Outcomes Prevention Evaluation Study |
| IOM | Institute of Medicine |

| IU | international unit |
|--------|--|
| IVACG | International Vitamin A Consultative Group |
| IRIS | Integrated Risk Information System |
| LOAEL | lowest-observed adverse-effect level |
| LSRO | Life Sciences Research Office |
| NHANES | National Health and Nutrition Examination Survey |
| NHS | Nurses' Health Study |
| NIH | National Institutes of Health |
| NOAEL | no-observed adverse-effect level |
| NTP | National Toxicology Program |
| OSL | observed safe level |
| PHS | Physicians' Health Study |
| PRI | population reference intake |
| PSA | prostate specific antigen |
| RAE | retinol activity equivalent |
| RDA | recommended daily allowance |
| REACT | Roche European American Cataract Trial |
| RfD | reference dose |
| RNI | recommended nutrient intake (UK) |
| SCOGS | Select Committee on GRAS Substances |
| SOD | superoxide dismutase |
| SUL | safe upper level |
| UF | uncertainty factor |
| UL | upper level or tolerable upper intake level |
| ULS | upper level for supplements |
| WAVE | Women's Angiographic Vitamin and Estrogen Trial |
| WHI | Women's Health Initiative |
| WHO | World Health Organization |

Units of Measure

| μg | microgram |
|----|------------|
| g | gram |
| kg | kilogram |
| mg | milligram |
| mL | milliliter |