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Toxicology in the Context of Aging ; CHEMICAL FATE AND EFFECT; Absorption; Distribution; Metabolism and Elimination; MECHANISMS OF TOXICITY AT THE MOLECULAR, CELLULAR, AND TISSUE LEVEL; Molecular Action

Cellular EffectsEffects at the Tissue Level; PHARMACOGENETICS; BIOLOGIC MARKERS; TOXICITY TESTING; 5 Characteristics of the Environment, Aging, and the Aged ; NUTRITION; Effects of Nutrition on Toxicity; Nutrition and Cancer; Nutrition and Aging; Background and Criteria for Evaluating Aging; Food Restriction; Dietary Protein Intake; Dietary Fat Intake; Dietary Carbohydrate Intake; Dietary Vitamin Intake; Dietary Mineral Intake; Special Dietary Requirements of the Aged; PHARMACEUTICALS; Demographic Considerations; Patterns of Drug Use and Drug Prescribing; Ambulatory Populations

Hospital PopulationsLong-Term-Care Facilities; Medication Compliance in the Elderly; Adverse Drug Reactions; LIFE-STYLE; Deliberate Chemical Exposure; Learned Helplessness; Atrophy of Disuse; Indoor Pollutants; Temperature; Radon; Formaldehyde; Combustion Products; Asbestos; Environmental Tobacco Smoke; Pesticides; 6 Environmental Effects on Age-Associated Diseases and Changes in Organ Function ; DEMOGRAPHICS OF AGE-ASSOCIATED DISEASES; SKIN; VISION; Cataracts; Glaucoma; Diabetic Retinopathy; Aging-Related Macular Degeneration; HEARING; NERVOUS SYSTEM; Changes Associated with Aging

Induced Disorders and DiseasesNeurotoxicants; RESPIRATORY SYSTEM; CARDIOVASCULAR SYSTEM; RENAL SYSTEM; IMMUNE SYSTEM; SEXUALITY; ROLE OF ENVIRONMENT IN BONE METABOLISM AND VITAMIN D NUTRITION; 7 Model Systems for the Evaluation of Toxic Agents Affecting Aging or Age-Related Diseases ; CONSIDERATIONS IN CHOOSING AND DESIGNING MODEL SYSTEMS; EXAMPLES OF MODEL SYSTEMS; In Vitro Models; Nonmammalian Animal [Models; Mammalian Models; Epidemiologic Models; LIFE-SPAN MODULATION BY DRUG TREATMENT; 8 Conclusions ; 9 Recommendations ; RESEARCH; EDUCATION; FUNDING AND RESOURCES; References

Appendix Resources for Studying Aging

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