

SMG 1283.4

FDA Staff Manual Guides, Volume I – Organizations and Functions

Department of Health and Human Services

Food and Drug Administration

Office of the Chief Scientist

National Center for Toxicological Research

Office of Research

Division of Biochemical Toxicology

Effective Date: December 14, 2018

1. Division of Biochemical Toxicology (DCPFCA).

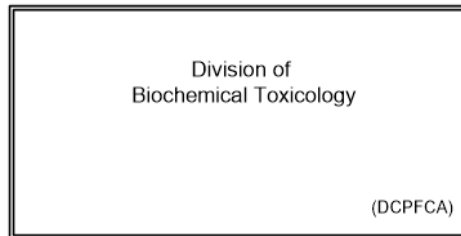
- A. Advises the Deputy Director for Research in the planning and implementation of strategies for achieving annual and long-range plans for research and research support in the area of biochemical toxicology.
- B. Conducts long-term studies to develop improved methods for evaluating exposure of experimental animals to possible life-shortening carcinogenic toxicants.
- C. Determines and describes dose-time response relationships for specific chemical toxicants in experimental animals.
- D. Conducts studies to develop biological and biochemical information, facilitating a better understanding of the mechanisms of toxic responses.
- E. Innovates, designs, and develops new approaches and procedures that expand pathology capabilities for utilization in the assessment of the toxicity of compounds.
- F. Operates an instrument laboratory and conducts studies utilizing highly specialized techniques of nuclear magnetic resonance spectrometry.
- G. Defines biochemical mechanisms involving the relationship of DNA adducts to tumor formation, distribution of activation or detoxification enzymes, and drug-protein adduct identification.

- H. Develops more sensitive methods of adduct detection, mass spectrometry and nuclear magnetic resonance techniques, and immunochemical detection.
- I. Provides the Food and Drug Administration (FDA) leadership in the FDA's participation in the National Toxicology Program (NTP). Plans and implements sub-chronic and chronic toxicological evaluations emphasizing dose response relationships for the NTP, FDA, and various Federal and state agencies.
- J. Administers and has lead scientific responsibilities for National Center for Toxicological Research's Solid-State Toxicity Program and Biomarkers and Molecular Markers of Cancer Program.
- K. Directs the Center's participation in the Interdisciplinary Toxicology Program.

2. Authority and Effective Date.

The functional statements for the Division of Biochemical Toxicology were approved by the Secretary of Health and Human Services and effective on December 14, 2018.

**Department of Health and Human Services
Food and Drug Administration
Office of the Chief Scientist
National Center for Toxicological Research
Office of Research
Division of Biochemical Toxicology**



Staff Manual Guide 1283.4
Organizations and Functions
Effective Date: December 14, 2018

The following is the Department of Health and Human Services, Food and Drug Administration, Office of the Chief Scientist, National Center for Toxicological Research, Office of Research, Division of Biochemical Toxicology organization structure depicting all the organizational structures reporting to the Director:

Division of Biochemical Toxicology (DCPFCA)