

Post-Doctoral Fellow: Food Safety/Non-Targeted Analysis

The Spectroscopy and Mass Spectrometry Branch of the U.S. Food and Drug Administration's (FDA) Center for Food Safety and Applied Nutrition (CFSAN) in College Park, Maryland seeks a temporary researcher with a Doctoral degree to participate in our food safety research program. To support its mission, the FDA is developing and implementing non-targeted screening approaches using liquid chromatography/high-resolution mass spectrometry (LC/HR-MS) for food safety purposes. The selected candidate will assist in the development and evaluation of these methods to evaluate the chemical content of complex sample types. Candidates should have a Ph.D. degree in Chemistry or a related field. Desired experience includes LC/HR-MS data acquisition and processing, identification of unknown compounds, metabolomics, database/library curation, LC retention time prediction, semi-quantitation of unknowns, and/or Compound Discoverer node development/programming ability.

U.S. citizenship, permanent resident status, or a valid J1 Visa is required (F1 with OPT is acceptable until a J1 is obtained). Applicants must have been living in the United States for at least a total of 3 out of the past 5 years and pass a background check. The start date is negotiable. Salary is dependent upon experience. Duration: 1 year with possibility of renewal.

If interested, please email your CV to Dr. Christine Fisher/O'Donnell, Christine.ODonnell@fda.hhs.gov.

The FDA, an Agency within the U.S. Department of Health and Human Services, protects the public health by assuring the safety, effectiveness, and security of human and veterinary drugs, vaccines and other biological products for human use, and medical devices. The Agency also is responsible for the safety and security of our nation's food supply, cosmetics, dietary supplements, and products that give off electronic radiation, and for regulating tobacco products.