

# **ORISE Postdoc Fellow Position at FDA**

## **Solution NMR spectroscopy on complex drug product**

**White Oak Campus NMR Facility, Silver Spring, MD 20993**

### **Position Overview:**

Under the guidance of a mentor, the selected fellow will conduct research on complex generic drugs using nuclear magnetic resonance (NMR) and other analytical methods like AUC, DLS and FPLC. This research will aim to develop validated methods to assess the identity, purity and content of complex drugs in comparison to the reference listed drug. The participant will conduct analysis and experimentation in the laboratory utilizing prescribed procedures (protocols, standard operating procedures, etc.), and will document and report data in a timely manner according to regulatory guidelines. S/he will perform much of their research on 500 and 850 MHz Bruker spectrometers in the FDA White Oak Campus NMR Facility.

### **Qualifications:**

- A Ph.D. degree holder majoring in analytical chemistry, natural product chemistry, pharmaceutical science, biopharmaceutics, biochemistry or biophysics.
- Experience in the field of chemical composition analysis of small molecule mixture, natural product, proteins or sugar/glycan using NMR is necessary.
- Salary is commensurate with education and experience. US citizenship, green card, EAD, OPT (1-year, no extension) is required. An H1b visa cannot be sponsored for this position.

Submit CV to Kang Chen with cover letter by Email to: [kang.chen@fda.hhs.gov](mailto:kang.chen@fda.hhs.gov)

The Research Participation Program for FDA is administered by the Oak Ridge Institute for Science and Education (ORISE). The participant is not an employee of FDA.