The purpose of the Research Postdoctoral Scientist position is to enhance professional skills under the mentorship of an NIH-funded principal investigator/scientist/professor. The incumbent plans and conducts assigned and/or original research projects autonomously while working collaboratively with faculty, staff, post docs, and students. The Research Postdoctoral Scientist will primarily work on LC/GC-MS flux-based metabolism experiments centered on glioma metabolism.

**Responsibilities:** The Research Postdoctoral Trainee will further research in basic and medical sciences, while completing postdoctoral training. Coordinate and participate in research projects within the Research Department, assist in grant proposal preparation and publication of findings. Conduct clinical and/or translational research projects under PI's supervision. Participate in preparation of abstracts, manuscripts, presentations, and final reports for studies. Analyze data. Document research results. Write Research papers and present findings at departmental meetings and research conferences. Participate in scientific discussions with research team. Educate and train research personnel (research assistants, residents, fellows, students). LC/GC-MS quantitative method development. Conduct LC/GC-MS based flux analysis to study intermediary metabolism of glucose, lipids, tryptophan and cysteine in glioblastoma model systems. Carry out routine administrative tasks associated with the research project/s to ensure that project/s are completed on time and within budget. These might include organization of project meetings and documentation, financial control, risk assessment of research activities. Plan own day-to-day activity within framework of the agreed research program. Plan up to a year in advance to meet deadlines for journal publications and to prepare presentations and papers for conferences.

**ACKNOWLEDGEMENT OF EMPLOYMENT UNDER RESEARCH GRANT.**

**Required Qualifications:** PhD, MD or DO required. Basic laboratory research experience required. Ability to perform a variety of laboratory procedures. Scientific methodology, mathematical ability, technical writing skills, computer skills (word processing, presentation software, database management). Interpersonal skills. Strong organizational skills and attention to detail. Knowledge and application of experimental techniques related to department specific research. **Ability to train other staff members and/or students in their area of research expertise.** Ability to meet deadlines. In depth understanding of flux based metabolomics. Ability to maintain a GC-MS (Agilent).

**Preferred Qualifications:** Degree in a relevant Life Sciences subject (e.g. Biology, Biochemistry, and Biomedical Sciences) or a relevant Chemistry subject. At least 3 years research experience involving LC/GC-MS based flux analyses. Capable of using R. In depth understanding of flux based metabolomics.

Please apply online [www.beaumont.org/careers](http://www.beaumont.org/careers)

For further information please contact Dr. Prakash Chinnaiyan: prakash.chinnaiyan@beaumont.edu