



Research Associate I
THI Molecular Cardiology
(Fulltime-Regular 170121)

COMPANY SUMMARY

The mission of the Texas Heart® Institute is to reduce the devastating toll of cardiovascular disease through innovative programs in research, education and improved patient care. Texas Heart® Institute is a nonprofit organization founded by Dr. Denton A. Cooley in 1962.

For more information, please visit our website at www.texasheart.org

POSITION SUMMARY

Working under the supervision of a senior staff member, the Research Associate I independently performs laboratory experimental procedures in support of research protocols in the basic science laboratory, and assists senior laboratory staff with protocol design, data collection and analysis, interpretation and publication of results.

PRIMARY RESPONSIBILITIES

- Plan, organize, and coordinate laboratory experiments according to protocols as approved by senior laboratory staff. May include training and oversight of study related activities by research assistants, fellows and graduate assistants on a project-by-project basis.
- Assist staff scientists with protocol design, analysis and interpretation of results, and formulation of subsequent strategies for protocol revisions.
- Perform sophisticated experimental procedures employing standard laboratory techniques. Suggest new procedures or steps for achieving desired outcomes. Skills may include multi-step organic synthesis, chromatography, HPLC, NMR, MS and other techniques.
- Document all procedural steps and data in the approved scientific manner, and complete calculations and graphic/tabulation of data in a timely fashion.
- Conduct literature searches related to assigned projects; read, assess, and discuss relevant publications in the field; assist lab director and other scientists with preparation of results for publication and presentation.
- Prepare and communicate brief oral and written summaries of work when required.
- Maintain safe, clean, functional and organized work space, both in personal and communal space. Follows departmental and institutional policies.

QUALIFICATIONS AND EDUCATION REQUIREMENTS

- Minimum requirement: Bachelor's degree in Chemistry with 5 years' relevant experience
- MS in Organic Chemistry is preferred

HOW TO APPLY

All qualified candidates please submit your resume to: careers@texasheart.org with subject title "Research Associate I- Molecular Cardiology"