**Research Scientist**

**Job Category:** Full time Temporary  
**Exempt Overtime Eligible:** Overtime Eligible  
**Benefits Eligible:** Benefit Based

**Job Summary**
This is a full-time, 7 month, 40+ hour/week position in chemical biology in the **Ondrus lab** at Caltech (https://www.ondruslab.org/). The successful candidate will contribute to a project focused on synthesis of complex small molecule probes. 100% effort will be dedicated to lab work involving organic synthesis and characterization.

**Job Duties**
Demonstrate expertise in synthetic organic chemistry mechanisms, methods, and recent literature.  
Perform standard and specialized reactions to prepare milligram to multigram quantities of material.  
Purify organic compounds using chromatography (manual and automated), crystallization, distillation, etc.  
Fully characterize stereochemically complex molecules using 1D and 2D NMR, HRMS, UV-Vis, etc.  
Design/optimize multi-step synthetic routes and devise alternative strategies to overcome challenges.  
Maintain lab instruments including Combiflash, vacuum pumps, lyophilizer, etc.  
Oversee lab safety protocols and hazardous waste management.  
Participate in weekly meetings and present research summaries.  
Contribute writing patents, scientific presentations, and publications.

**Basic Qualifications**
M.S. degree or higher  
5+ years experience in a bioscience research lab  
Ability to keep accurate, organized records and maintain an electronic notebook  
Ability to clearly organize and archive samples  
Ability to work collaboratively with other members of the lab  
Ability to meet agreed upon deadlines, manage time effectively, and work efficiently  
Ability to coordinate and participate in standard lab upkeep

**Required Documents**
1. CV; 2. Cover Letter; 3. Names of 2-3 references

*Please don’t hesitate to contact Prof. Ondrus with questions about the position or application process*

**Inquiries**  
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**Application link**  
https://chm.tbe.taleo.net/chm03/ats/careers/v2/jobSearch?org=CALTECH&cws=37  
Job ID: 5455