

STEM CELL RESEARCH PROGRAM

Age: 12-15

2024 Dates: July 22nd – 26th | August 12th - 16th

Duration: Five Days

Location: Torrance, California

\$895



Learn to plan, implement, analyze and present authentic research experiments

The Stem Cell Research Program enables aspiring scientists to gain hands-on research experience under the guidance of professional biotech scientists. Participants investigate the fascinating question of whether superspeed is biologically feasible, using muscle stem cells to study the mechanisms of cellular regeneration.

The Stem Cell Research Program Provides Comprehensive Training In:

- Research study design
- Hypothesis formulation
- Experimental planning
- Reagent and assay optimization
- Advanced laboratory techniques
- Data acquisition
- Data processing and analysis
- Data interpretation
- Troubleshooting and rigorous thinking
- Poster preparation
- Research presentation and science communication
- Research ethics

Course Provides:

- Hands-on classes
- Advanced lab skills
- Science literacy
- Real-world experience
- Inquiry driven experiments
- Biotech exposure
- Fascinating science discussions
- Professional science mentors
- Certificate of completion
- Fun and friendships