



Immunologist Cambridge, MA

Tidal Therapeutics is developing novel cancer therapeutics that directly reprogram the immune system. Using proprietary technology, mRNA or DNA is delivered directly to immune cells to retarget or alter their behavior.

Description of Position: Tidal Therapeutics is looking for a passionate researcher with solid hands-on experience in designing, executing invitro immunology assays and some invivo expertise. He/She will play a key role in dynamic multidisciplinary, fast-paced environment by establishing cellular and *in vivo* models for advancing Tidal novel technology to clinic in less than a year. As part of a very small, fast-growing company, the successful candidate will not only have the opportunity to make significant contributions to the company's R&D but also could prove to be development opportunity for him/herself as a scientist and learning drug discovery process.

Key Responsibilities but not limited to

- Design, direct and execute various immune cells assays to characterize expression of our target proteins, immune cell phenotypes, function and interaction
- Perform in-vivo studies along with invivo facility; inject mice with tumor cells or formulations, isolate mouse organs and help understand PK/PD correlation
- Communicate results to team members and participate in meetings
- Execute and carefully document experiments using an electronic laboratory notebook system
Maintaining clear, accurate and complete documentation of experimental data and procedures
- Write and follow detailed Standard Operating Procedures (SOPs)

Desired Requirement

- BS/MS degree in immunology, biology or related discipline with 2-5+ years of relevant experience in academia or industry
- Extensive hands-on experience on in vitro immune cell assay techniques, including immune cell, isolation, manipulation, phenotyping and in vitro functional assays; multi-color (8-10) flow cytometry is a must
- Handling mice, injecting, sacrificing and isolation of immune organs with end goal to do flow or IHC is preferred
- Experience in molecular cloning, viral generation and transduction is a plus
- Scientifically motivated, and capable of independently conducting, and critically analyzing his/her own research with minimal supervision.
- Strong presentation skills, communication and the ability to work in a fast-paced and team-oriented environment is vital.
- Demonstrated ability/willingness to quickly learn and perform in new areas, implement new techniques and instrumentation.