

## Joe A. Torres Jr., Ph.D.

Technology Specialist

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### EDUCATION

Ph.D., Molecular and Cellular Biology,  
University of Massachusetts – Amherst  
B.S., Biology, Chemistry minor, San  
Diego State University

### PRACTICE AREAS

Corporate & Investment Diligence  
Licensing & Transactions  
Patent Opinions  
Patent Prosecution  
Strategic Counseling  
Trade Secrets  
Trademarks

### TECHNOLOGIES

Chemistry & Materials Science  
Industrial Devices  
Life Sciences  
Medical Devices & Diagnostics

### OVERVIEW

Joe applies his expertise in immunology, molecular biology and virology to assist with the strategic development of client patent portfolios. He works with a variety of biotechnology companies and academic clients to draft and prosecute patent applications. Joe also assists with freedom-to-operate due diligence through the analysis of competitor IP portfolios.

Joe's doctoral research focused on the transcriptional regulation of microRNA in T cells in the context of immune-mediated bone marrow failure. He also assisted with work involving the use of induced pluripotent mesenchymal stem cells to alleviate disease in an animal model of graft-versus-host disease, as well as the use of cell-penetrating peptide mimics to deliver RNA and antibodies into T cells to modulate their activity. Joe has co-authored original research articles in peer-reviewed journals such as *Molecular Therapy*, *Stem Cell Research*, and *Biomacromolecules*.