

Evrys Bio

Job Title:	Senior Research Associate	Job Category:	Exempt
Department/Group:	Evrys Bio, LLC	Job Code/ Req#:	
Location:	3805 Old Easton Road, Doylestown, PA 18902	Travel Required:	
Level/Salary Range:	Based on experience	Position Type:	Full-time/Onsite
HR Contact:	Janine Sadlowski	Date posted:	
Will Train Applicant(s):	No	Posting Expires:	

Applications Accepted By:

E-mail: HR@evrysbio.com

Subject Line: Attention HR: Sr. Research Associate Position

Job Description

Job Purpose:

This is an opportunity to join a small, entrepreneurial, and well-funded biotech company. Building on research breakthroughs from an internationally renowned scientific team, Evrys' research platform has enabled us to discover new antiviral drugs, with a different mechanistic approach, that will change the way infection is treated from one virus at a time, to broad-spectrum therapies simultaneously effective against different viruses, without the emergence of drug resistance. Evrys Bio antivirals target special human proteins, known as sirtuins, enhancing their natural ability to fight powerful infections. The company is funded by private investors and by multi-million-dollar government grants and contracts to develop therapies addressing infection control, pandemic preparedness, and biodefense.

We are searching for an experienced Senior Research Associate to join the team. The successful candidate will have a Master's degree in Virology, Immunology, Microbiology or related biological sciences, or a Bachelor's degree with equivalent experience, and 7+ years drug discovery experience. The candidate is expected to be highly motivated and hard-working, and has advanced laboratory skills in cellular and molecular biology.

With COVID-19 and its variants, we've become more aware than ever of the need for novel antiviral therapies. So have government agencies who fund medical research and large corporations looking for the next big cure that they can introduce to physicians who have patients waiting. For over 5 years before the pandemic, our scientific team has seen hundreds of viruses attack that have no known effective drug therapy. We've always approached our work on new antiviral drugs with a sense of urgency. Now we have research and development partners feeling a greater sense of urgency as well. This creates a big opportunity to make a difference for us – and for the Senior Research Associate who joins our team.

Key Responsibilities:

Propagation of BSL-2+ level viruses and cell lines for evaluation of candidate drugs

- Standard analyses of cell growth properties and viral replication
- Molecular and cell biological analysis of both viral and cellular targets of candidate drugs including signal transduction assays of observed antiviral effects
- Routine screening of candidate drugs in high-throughput plate format (96, 384-well)
- Critical evaluation of primary data, effective record keeping, laboratory notebook maintenance and standard laboratory maintenance
- Present to the research team on a weekly basis and have interactions with all other Evrys team members; participate in manuscript publication.

Qualifications and Skills Requirements:

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- 7+ years of laboratory work and industry experience
- Master's degree (or Bachelor's degree with equivalent experience) in Virology, Immunology, Microbiology or related biological sciences
- Efficient tissue culture techniques of mammalian cell lines
- Experience with DNA manipulation, cloning, transfection, lentiviral transduction
- BSL2+ tissue culture, respiratory viruses, DNA/RNA viruses, virus propagation and titration
- Protein expression, purification
- DNA and RNA handling and analyses (e.g., nucleic acid extraction, qPCR)
- Standard protein analyses techniques (e.g., Western blot, Immunofluorescence assay)
- Standard bacterial genetics is a plus (e.g., plasmid preps, molecular cloning)
- Previous experience with Seahorse cell metabolic analysis and/or lipidomics is a plus
- Efficient time management and excellent multitasking skills
- Proficiency in spoken and written English, as well as relevant computer skills (e.g. Excel, PowerPoint, and Word)
- Comfortable operating within a range of uncertainty and able to drive forward with positive momentum. Evrys Bio is a high growth company with volatility, uncertainty, complexity, and ambiguity expected as part of its path. The successful candidate will contribute to a high-energy, fully-engaged, positive, accountable team culture described in E.V.R.Y.S. success behaviors and Values (see attached).

Reviewed By:		Date:	
Approved By:		Date:	
Last Updated By:		Date/Time:	