

Position 1: Extracellular vesicles (EVs) for pathogen-related research**Key Responsibilities:**

1. Design and engineer cell-derived extracellular vesicles (EVs)
2. Evaluate the efficacy and safety of EV-based therapies in vitro and in vivo
3. Perform a range of molecular biology, cell culture, and bioengineering techniques

Qualifications and Skills Required:

1. PhD in Bioengineering, Molecular Biology, Immunology, or a related field
2. Experience in the design and characterization of extracellular vesicles
3. Proficiency in molecular biology techniques
4. Experience in cell culture and genetic engineering techniques
5. Experience with in vivo models
6. Desirable prior experience with sepsis models or pathogen-related research

The successful candidate will have the opportunity to work in a state-of-the-art laboratory environment and collaborate with leading experts in the field. Interested applicants should submit a cover letter, CV, and contact information for three references to [sj19@cornell.edu]. Review of applications will begin immediately and continue until the position is filled.