

## **Molecular Biology Scientist Position (PhD level)**

Generation Bio, Cambridge

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Info: <http://generationbio.com/>

### **Summary**

Generation Bio is seeking a Scientist to join the Molecular Biology organization within the platform research department. The successful candidate needs to have extensive hands-on experience in molecular or synthetic biology. The candidate will be expected to manage a team of up to 2 RAs and will play a key role in helping create and lead vector cloning strategy and execution. This position reports to Director, Molecular Biology. Be part of cutting edge science to advance the gene therapy-based mission to create a generation of patients unaffected by their genetic disease.

### **About the role**

- Substantial in-depth knowledge of the relationship between molecular constructs and gene expression and regulation, especially for mammalian systems.
- Represent molecular biology function in research project teams, and lead molecular biology activities to advance projects from discovery to preclinical stages
- Provide support to research programs by designing, constructing and delivering molecular constructs for expression of proteins and/or nucleic acids.
- Lead technical development activities and implement modern synthetic biology approaches to improve cloning time-lines and efficiency.
- Manage CRO activities, including project design, timelines and quality of deliverables
- Organize and optimize the database system for constructs inventory.
- Work closely with research and IP to establish application strategy and goals to guide and drive product development.

### **About You**

- PhD in Molecular and synthetic Biology or related disciplines
- 0-2 years (post-PhD) experience in relevant field.
- Fluency and extensive hands-on experience molecular engineering, using traditional cloning and/or modern synthetic biology techniques.
- Small scale AAV vector design and production is a plus
- Experience in genome editing is a plus.