



<https://newtoncolmore.com/job/principal-mechanical-engineer-biotech-robotics-cambridge/>

Principal Mechanical Engineer – Biotech Robotics

Description

A spin-out Biotech company, based in Cambridge, is currently hiring several Principal Mechanical Engineers and Senior Mechanical Engineers to join them and help accelerate the proof of concept, design, development, building, and testing of a novel life-saving robotics biotech manufacturing device.

Your focus will be accelerating the proof of concept, design, development, building, and testing of the hardware of this new robotics biotech device, collaborating with some excellent Medical Devices Physicists, Scientists, Electronics Engineers, and Design Engineers.

This role involves working on the design and development of this biotech manufacturing device, using 3D CAD. Therefore, specific CAD experience will be essential, ideally SOLIDWORKS.

We need principal and senior-level candidates, someone who has worked on mechatronics, automation, robotics, precision devices or another complex electro-mechanical technology.

Due to the size of this company, you will be exposure to other areas of the business, including third-party meetings and attending Biotech, Medical Devices and Science conferences and trade shows. Consequently, it would be ideal if you have previously worked for a start-up/scale-up company or worked for a Medical Devices/Biotech/Scientific Design Consultancy and know what it's like to wear multiple hats when needed. Experience in Medical Devices, Scientific or Biotech companies is not essential; we can also look at candidates from other complex sectors.

The technology you will be working on will save lives. I can provide more details once you have made an application. Most candidates I have spoken with find the work rewarding due to the impact this work will have on lives.

It is expected that you would hold a degree and a masters in a related Medical Devices, Mechanical Engineering, Design Engineering, Electronics Engineering, or another relevant scientific subject that led you into a Mechanical Engineer role.

You will also be rewarded with an excellent starting salary, enhanced pension, bonus, healthcare, other benefits, and future career development as the company grows while also working in an interesting field on a product that could help a lot of people.

As this is an exciting role, joining a start-up company at the beginning of their journey, I'm expecting a lot of interest in the role. So, if you are interested, please apply straight away or risk missing out to someone else.

For more information, please feel free to call Andrew Welsh, Director of Medical Devices, Biotech and Drug Discovery recruitment specialists, Newton Colmore, on +44 121 268 2240 or submit an application, and a member of our team at Newton

Hiring organization

Newton Colmore Consulting Ltd

Employment Type

Full-time

Duration of employment

Permanent

Industry

Biotech

Job Location

Cambridge, Cambridgeshire

Date posted

10th July 2026

Valid through

31.10.2026

Apply below or email directly:

andrew.welsh@newtoncolmore.com

Colmore will be in touch with you.