

KYTOPEN

[Kytopen](#) is an MIT startup aiming to transform the cell and gene therapy industries from discovery to commercialization, allowing important living medicines to be developed reliably and faster. Kytopen's proprietary *Flowfect*[™] platforms have shown non-viral delivery of molecules into hard-to-transfect cells and demonstrated an ability to process a therapeutic payload of cells in seconds. The scalable *Flowfect*[™] solutions combine electric fields, microfluidics and automation for easier, faster, and more cost-effective cell processing than the state-of-the-art solutions. The non-viral *Flowfect*[™] solutions will accelerate the time-to-market of next-generation gene-modified cell therapies from target discovery to therapeutic manufacturing.

Job Description:

The VP of Engineering and Product Development is a strategic and execution role, reporting to the CEO. The VP of Engineer and Product Development leads the product development activities and teams, plans and executes the product development roadmap, and works collaboratively in supporting other functions such as research to marketing and sales. Candidate has deep domain expertise in design and engineering of medical devices that are regulated by the U.S. Food and Drug Administration and requiring Device Master File submissions. Candidate has successfully pioneered more than one product to reach the market.

Responsibilities for this role include:

- Build, lead, and manage the product development & engineering team.
- Align product vision with Kytopen short and long-term goals.
- Own the product roadmap and communicate with the Executive team and customers
- Create a development process that includes DFM and strong integration with manufacturing partners to ensure control of performance and design margin through predictive analytics and Lean design principles
- Establish infrastructure to manage, enable, guide and scale a high performing engineering organization
- Aid in defining pricing and competitive positioning for each product.
- Specifying market requirements for current and future products by engaging in ongoing customer discovery
- Provide resources for developing skills/capabilities and create unique development opportunities for engineering team members

Qualifications and Characteristics:

- Bachelor's degree required, preferably mechanical engineering, electrical engineering, or biomedical engineering
- Minimum of 10+ years of experience including direct medical device product development and management experience at a medical devices or life sciences/biotechnology company
- Led at least one product development resulting in a launched product
- Demonstrated experience of the entire product development process
- Demonstrated leadership and management experience
- Excellent Communications skills with the ability to present and interact at Executive level
- Knowledge and collaborative across many functional areas beyond engineering and product development such as business development, marketing, and research

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- Ability to implement and work within an agile development methodology
- Act as a key member of the company's leadership team, influencing the overall strategic direction of the company
- Highly organized with keen attention to detail
- Creative thinker; idea generator
- Results and action-oriented, with the ability to translate results into proactive measures

Please send a resume or CV to team@kytopen.com to apply. Use the subject line “VP Engineering – YOUR LAST NAME”. Local candidates only please.

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