



R&D Engineer
(Job Code: 2012-3)

Company Overview

ViaCyte, Inc. is a preclinical therapeutic company focused on diabetes. Our therapy is based on pancreatic beta cell progenitors derived from human pluripotent stem cells. These cells are implanted using a durable and retrievable encapsulation device. Once implanted and matured, these cells secrete insulin in response to blood glucose levels. Our goal is long term insulin independence without immune suppression, and without hypoglycemia and other diabetes-related complications.

The advancement of our development program requires additional resources in our medical device group. This is a newly created position and we invite you to explore this opportunity.

Description

The R&D Engineer will contribute to the design and development of manufacturing methods, documentation, and system validation for a novel loading/packing system in support of a first in human clinical study. Primary responsibilities will include (1) designing a comprehensive manufacturing system that integrates disposables and process equipment for cell culture, and device loading and packaging, (2) developing cost-effective prototyping strategies to enable *in vitro* and *in vivo* testing of novel designs, and (3) leading the verification and validation of combination product manufacturing systems with duties such as establishing requirements and protocols, performing analyses and writing reports. Additional manufacturing responsibilities include developing batch records and raw material specifications, and creating drawings and other documentation as required. Collaborating with management on critical decisions related to combination product design will be expected. There will be frequent interactions with personnel from other research and manufacturing groups to coordinate product testing.

Our work environment is enjoyable for a team player who also demonstrates strong initiative and the ability to work independently. Our business moves at a rapid pace, making self-motivation and resourcefulness key contributors to success. Flexibility to handle shifts in objectives and timelines is essential.

Requirements

A bachelor's or master's degree in an engineering or related discipline and five years of work experience in medical device development are required. Strong theoretical knowledge of materials and mechanics is required. Must have device design experience using CAD, with SolidWorks preferred. Experience with manufacturing documentation for medical devices is required. Familiarity with cell culture, cell handling and fluidics systems is desirable. Experience with implementation of micro- and logic controllers is preferred. Experience operating in clean rooms and with FDA Quality Systems Regulations is preferred. Must be skilled in Microsoft Office, including Word, Excel, and PowerPoint. Strong verbal and written communication skills are required, including the ability to draft technical reports and to present data clearly and concisely.

Application Procedure

Please send your resume or curriculum vitae, with cover letter, to: ViaCyte, Inc., 3550 General Atomics Court, San Diego, California, 92121. Reference Job Code #2012-3 in your correspondence. For submission by e-mail, please attach your resume or CV, with cover letter, as a Word or PDF file. In the Subject line, please type the Job Code (#2012-3) and your full name. E-mail: hr@viacyte.com