

澳大利亚生物技术协会 澳大利亚医疗技术公司名录



公司信息

公司名称: Genera Biosystems Ltd

主要联系人姓名: Karl Poetter

主要联系人职位: 执行董事

公司网址: www.generabiosystems.com

公司地址: 1 Dalmore Drive, Scoresby VIC 3179

公司已上市

公司简介

Genera 设计、生产、分销分子诊断试剂盒。目前已上市的产品包括: 能识别 14 种高风险的人类乳头状瘤病毒(HPV)的 PapType 试剂盒, 以及用于诊断 15 种不同上呼吸道病原体的 RTIplex 试剂盒。Genera 拥有帮助体外诊断技术取得澳洲药监局批准的经验。该公司与其在澳大利亚和美国的合作伙伴协力扩大产品种类, 增加客户群。

关键技术或领先技术

Genera 的科学家在 Walter & Eliza Hall 研究所, 开发研制了一种新型基于珠子的多重反应技术。该技术被称为 AmpaSand, 采用坚硬的硅胶微球作为固相 PCR 反应的微反应器。这些微球使得不同的多重反应可以同时进行, 并且可以通过流式细胞仪来获得实验数据, 再由 Genera 开发的软件做进一步分析。

类别

诊断: 传染病和人类遗传学分子诊断

关键或领先技术的发展阶段

产品已通过审批和注册成功

产品已上市销售

合作机会

Genera Biosystems Ltd 在寻求研究合作伙伴和融资方面的机会。

Directory of Australian medtech companies



COMPANY DETAILS

Company name: Genera Biosystems Ltd

Key contact name: Karl Poetter

Job title of key contact: Executive Director

Company website address: www.generabiosystems.com

Company address: 1 Dalmore Drive, Scoresby VIC 3179

The company is Listed.

ABOUT THE COMPANY

Genera designs, manufactures, and distributes kits for performing molecular diagnostics. The tests on the market includes PapType, a test for detecting and identifying 14 high-risk Human Papilloma Virus (HPV) types, and RTIplex, a multiplexed diagnostic for the identification of 15 different upper respiratory tract pathogens. Genera has experience in bringing *in vitro* diagnostics through regulatory approval through the Australian Therapeutics Goods Administration, and is working with partners in Australia and USA to further enhance the product line and customers.

KEY OR LEAD TECHNOLOGY

Genera scientists developed a novel bead-based multiplexing technology while at the Walter & Eliza Hall Institute (WEHI). This technology, called AmpaSand, uses very tough silica microspheres as the micro-reactors in solid-phase PCR reactions. These beads can be made so that many different

experiments can be run simultaneously and the results for these multiplexed experiments can be read by flow cytometry. The results are analysed using software developed by Genera.

Category

Diagnostics: Molecular diagnostics of infectious diseases and human genetics

Point of development of key or lead technology

Has achieved registration
Product on the market

OPPORTUNITIES SOUGHT

Genera Biosystems Ltd is seeking research partnerships and investment.