

中国国际高新技术成果交易会项目登记表

项目 拥有 者情 况	单位名称	(中文) 广东省微生物研究所				
		(英文) Guangdong Institute of Microbiology				
	所在地区	省/自治区/直辖市 广东省广州市				
	单位性质	<input type="checkbox"/> 国有企业 <input type="checkbox"/> 民营企业 <input type="checkbox"/> 外商投资企业 <input type="checkbox"/> 海外企业 <input checked="" type="checkbox"/> 高校、科研院所 <input type="checkbox"/> 个人 <input type="checkbox"/> 留学生 <input type="checkbox"/> 其它				
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	(英文) Xianliezhong Road 100, Guangzhou, Guangdong					
单位介绍(个人项目可不填,200 字内)	<p>广东省微生物研究所前身为中科院中南真菌研究室，于 1964 年成立，现隶属于广东省科学院。作为具有热带亚热带区域特色与优势的微生物学专业科研机构，已建成由中国工程院院士等作为领军科学家的六大研究中心，建有省部共建华南应用微生物国家重点实验室等科研平台；先后承担了国家重点研发计划等多项重大科技项目，获得科技成果及奖励超过 3000 项，在微生物应用基础研究、行业共性关键技术创新及科技服务、微生物高技术成果转移转化方面，成为国内领军科研机构。</p> <p>The Predecessor of GDIM is the Central South China Mycology Research Station of the Chinese Academy of Sciences (CAS). GDIM was founded in 1964, and currently it is affiliated to the Guangdong Academy of Sciences (GDAS). As a professional research institute for scientific research in microbiology with tropical and subtropical characteristics and advantages, GDIM has established six major research centers, which are led by leading scientists like Academician of the Chinese Academy of Engineering, etc. The institute has also built a large number of national and provincial-level science and technology innovation platforms, such as State Key Laboratory of Applied Microbiology. GDIM has undertaken a number of key scientific and technological projects such as National Key R&D Program of China, and has acquired more than 3,000 scientific and technological achievements and rewards. It has become the leading scientific research institute in China in fields like basic research of microbiological application, key technology innovations and technology services with industrial commonality and transformation of high-tech microbiological achievements.</p>					
项目 情况	项目名称	(中文) 新型微生物采集关键设备开发				
		(英文) Development of new key equipment for microorganisms collection				
	所属行业	<input type="checkbox"/> 高端制造 <input type="checkbox"/> 新材料 <input type="checkbox"/> 新一代信息技术 <input checked="" type="checkbox"/> 生命科学 <input type="checkbox"/> 绿色低碳 <input type="checkbox"/> 数字经济 <input type="checkbox"/> 海洋经济 <input type="checkbox"/> 高技术服务业 <input type="checkbox"/> 疫情防控 <input type="checkbox"/> 其他				
	是否拥有自主知识产权	<input checked="" type="checkbox"/> 是 <input type="checkbox"/> 否				
	项目阶段	<input type="checkbox"/> 研制阶段 <input type="checkbox"/> 试生产阶段 <input checked="" type="checkbox"/> 小批量生产阶段 <input type="checkbox"/> 批量生产阶段				
寻求合作方式	<input type="checkbox"/> 股权投资 <input type="checkbox"/> 风险投资 <input type="checkbox"/> 技术转让 <input type="checkbox"/> 许可使用 <input type="checkbox"/> 合作开发 <input type="checkbox"/> 合作兴办新企业 <input checked="" type="checkbox"/> 其它					

	需合作方投入资金 (人民币)	<input type="checkbox"/> 少于 100 万元 <input type="checkbox"/> 100 万至 500 万元 (不含 500 万) <input type="checkbox"/> 500 万至 2000 万元 (不含 2000 万) <input type="checkbox"/> 2000 万至 5000 万元 (不含 5000 万) <input type="checkbox"/> 5000 万元及以上
	项目介绍 (简介、技术特点、应用范围、市场前景、效益分析及对投资者要求。500 字内)	<p>(中文) 新型微生物采集关键设备开发 技术特点: 微生物广泛存在于气体、液体、固体等介质中, 因此要收集存在于上述各种介质的微生物必须采用不同的采集方法和对应采集设备。为此, 研究开发了适用于上述各种介质微生物采集设备, 为气态、液态、固态等样品提供符合 ISO 标准的微生物采集设备和方案。 应用范围: 本项目研究存在于气态、液态、固态等多种形态中的微生物采集方法及设备, 分别构建对应的适用性采集产品, 且实现了产业化生产。这些产品可应用于公共卫生、GMP 厂房、食品饮料加工、生物洁净行业、医院手术室、乳制品企业、工业水处理、水产养殖、化工环保等行业。</p> <hr/> <p>(英文) Development of new key equipment for microorganisms collection Technical characteristics: Microorganisms widely exist in gaseous phase, liquid phase, solid phase, etc.. So different collecting methods and corresponding equipments are required to collect the microorganisms existing in these different phases. For this purpose, microbial collecting equipment accorded with the ISO standard has been developed, which is applicable to collect microorganisms from all kinds of phases mentioned above. Application range: This project studied collecting methods and developed equipment for acquiring microorganisms from various phases such as gas, liquid, solid and so on. The corresponding collecting products have been constructed and adapted to industrialized production. These products can be applied to public health, GMP plant, food and beverage processing, bio-clean industry, hospital operating room, dairy enterprises, industrial water treatment, aquaculture, chemical and environmental protection industries and other industries.</p>