

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	广东省微生物研究所			
		(英文) Guangdong Institute of Microbiology			
	所在地区	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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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) 广东虫草子实体产业化应用			
		(英文) The industrialization application of <i>Cordyceps guangdongensis</i> fruitingbodies			
	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"/> 其它			
	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 type="checkbox"/> 小批量生产阶段 <input checked="" 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 checked="" type="checkbox"/> 合作开发 <input type="checkbox"/> 合作兴办新企业 <input 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 checked="" 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)</p> <p>项目简介: 虫草类真菌具有多种显著的活性功效, 广泛应用于食品、保健品及医药等领域。广东虫草是华南地区特有的虫草真菌, 其子实体已获国家卫生部批准为新资源食品 (现更名为“新食品原料”), 具有与冬虫夏草类似的营养成分与活性功效, 因此具有巨大的开发利用价值。本项目基于前期研究建立了广东虫草子实体产业化生产技术体系, 并对其子实体产品进行深加工产品开发、市场推广及销售等, 有力地促进广东虫草子实体产业化发展及应用。</p> <p>技术特点: 项目已建立成熟的子实体产业化栽培技术体系, 且该技术拥有自主知识产权, 目前正在研发相关产品并逐步向产业化方向发展。</p> <p>应用范围: 广东虫草子实体营养成分接近冬虫夏草, 其药用功效显著且与冬虫夏草类似, 因此该项目的技术成果及其产品将在很大程度上推动广东虫草在食品、保健品及药品等领域应用, 因此具有广阔的应用前景;</p> <p>市场前景及效益分析: 目前虫草市场面临野生虫草资源匮乏且人工栽培虫草市场供需不足的现状, 而广东虫草子实体作为第二种虫草类新食品原料极具市场竞争力, 在未来的发展中, 该虫草子实体及其相关产品的上市将不仅会带来巨大的经济效益, 同时也将为服务大健康产业做出一定的贡献, 带来良好的社会效益。</p> <hr/> <p>(英文)</p> <p>Introduction: Cordyceps fungi have a variety of significant activity effects, and are widely used in food, health care products and medicine. <i>Cordyceps guangdongensis</i> is a unique Cordyceps fungus in South China, and its fruitingbody has been approved by the Ministry of Health as a new resource food. Since it has the similar nutrients and activity effects as <i>Cordyceps sinensis</i>, it has a great value of development and utilization. Based on the preliminary research, this project has already established an industrialization technology system of <i>Cordyceps guangdongensis</i> fruits, and carried out the development, marketing and sales of its intensively processed fruitingbody products. This has effectively promoted the development and application of industrialization of <i>Cordyceps guangdongensis</i> fruitingbodies. Technical characteristics: This project has already established a mature industrialization cultivation technology system for fruitingbodies, and the technology has independent intellectual property rights. Currently, the relevant products are being researched and developed and will be gradually industrialized. Application range: Because <i>Cordyceps guangdongensis</i> fruitingbodies have similar nutrients and activity effects as <i>Cordyceps sinensis</i>, the technical achievements of this project and its products will greatly promote the application of <i>Cordyceps guangdongensis</i> in the fields of food, health care products and medicines. Market prospect prediction: At present, the wild and cultivated cordyceps fungi are always in demand in the market. Since <i>Cordyceps guangdongensis</i> fruitingbodies are considered as the new resource food, they have strong market competition. In the future, <i>Cordyceps guangdongensis</i> fruitingbodies and related products will not only bring huge economic benefits, but also make a certain contribution to public health industry, bringing good social benefits.</p>