Biotech Guide

2007/2008

Contents

- 13 Message from Deputy Prime Minister and Minister of Industry
- 14 Message from Minister of Science and Technology
- 15 Message from The Secretary General of The Board of Investment
- 17 Pretace

EDITORIAL SECTION

22 Agri-Biotechnology in Thailand

- Introduction
- Thailand's Agri-Biotechnology Industry
- · Development and Application of Biotechnology in The Thailand's Agriculture Industry
- · Key Programmes to Strengthen The Agriculture Industry
- · Success Story The Shrimp Industry
- Way Forward for Thailand's Agricultural Biotechnology

New Incentives for the Biotech Industry 33

BSTI SCIENCE SERVICE

- Perspectives on Funtional Foods Introduction

34

- · Regulatory issues
- · Safety Issues
- Substantiating The Nutrition and Health Claims of Functional Food
- Conclusion

39 Thailand Agribusiness & GMOs: Challenges in Product Research & Development, Trade

and Protection.

- Living Modified Organism (LMOs)
- Genetically Modified Food (GMF)
- Labeling of Products containing GMOs
- Product Development and Protection using Gene Technology ,
- International Obligations
- · Appendix 1 Relevant Agencies & Responsibilities
- · Appendix 2: Other Legislations Related to LMOs, GMOs and GMFs

45 Thailand Biotechnology; Industry Highlights

46 Useful Addresses

52 Advertorials / Corporate Profile

- . Bio-Active Co., Ltd.
- · Biolab Co., Ltd.
- · C.E. Combination Co., Ltd.

Supported by:



BOARD OF INVESTMENT

<u>ด้วยอภินันทนาการ</u>

Contents (Continued)

- Design Alternative Co., Ltd.
- · Rouse & Co International
- · S.M. Chemical Supplies Co., Ltd.
- · Srichand United dispensary Co .Ltd.
- · Thanes Development Co., Ltd.
- TNT Express Worldwide (Thailand) Co.,Ltd.

COMPANY LISTING

76

Alphabetical Listing of Companies

DIRECTORY SECTION

124 Equipment and Product Matrix

128 Research & Development

- · Agriculture / Food Biotech
- · Pharmaceutical / Medical Biotech

148 Manufacturing

- · Agriculture / Food Biotech
- Pharmaceutical / Medical Biotech

177 Finished Products Marketing

- · Agriculture / Food Biotech
- Pharmaceutical / Medical Biotech

197 Medical Services / Equipment

- Hospitals
- Hospital Equipment

211 Supporting Industry

- · Academic Institutions
- · Contract Research Organisations
- · Equipment/Reagents Sales
- · Funding Agencies
- Infrastructure Consultants
- Infrastructure Contractors
- · Infrastructure Providers
- · Laboratory Services
- · Lawyers Intellectual Property
- Logistics
- · Research Institutions
- · Venture Capitalists
- 277 Brand Name Index

282 Advertiser's Index

CONTENTS

- Message By President of National Science and Technology Development Agency
- 11 Message By The Secretary General of The Board of Investment
- 13 Preface

BSTI SCIENCE SERVICE



EDITORIAL SECTION

- 16 Clinical Research
 - Clinical Research: Investment Opportunities in Thailand
 - Biomedical Research Ethical Issues in Thailand
 Current Status and Future Directions
 - Box Story: Strengthening Thailand's Biological Research and Testing Infrastructure: The Animal Breeding Centre Project
- 24 Medical Services in Thailand
 - Thailand as a Medical Hub of the World
- 26 Biotechnology Intellectual Property
 - Thailand Biotech Patent: Status and Opportunity
- 29 Industry Success Stories
 - Successful Thai Medical Biotechnology Companies
 - Greater Pharma Co Ltd
 - Stem Cell for Life Co Ltd
 - Asia Medical and Agricultural Laboratory and Research Center
 - i + MED Laboratories Co Ltd
- 32 Useful Addresses
- 38 Advertorials / Corporate Profile
 - Betagro Science Center Co Ltd
 - Bio-Active Co Ltd
 - NHS Laboratory Services
 By National Healthcare Systems Co Ltd
 - Drug development and product liability
 By Rouse & Co International (Thailand) Ltd



CONTENTS (Continued)

COMPANY LISTINGS

52 Alphabetical Listing of Companies

DIRECTORY SECTION

96 Equ	uipment	and	Product	Matrix	
--------	---------	-----	----------------	--------	--

100 Research & Development

- Agriculture / Food Biotech
- Pharmaceutical / Medical Biotech

126 Manufacturing

- Agriculture / Food Biotech
- Pharmaceutical / Medical Biotech

156 Finished Products Marketing

- Agriculture / Food Biotech
- Pharmaceutical / Medical Biotech

178 Medical Services / Equipment

- Hospitals
 - Hospital Equipment

194 Supporting Industry

- Academic Institutions
- Contract Research Organisations
- Equipment / Reagents Sales
- Funding Agencies
- Infrastructure Consultants
- Infrastructure Contractors
- Infrastructure Providers
- Laboratory Services
- Lawyers Intellectual Property
- Logistics
- Research Institutions
- Venture Capitalists

254 Brand Names Index

262 Advertisers' Index

TD THAi 2009/2010

CONTENTS

	B. B. m. m. m. m. m. m.	as for the last two property and the property of the last will	Military and the common ways to be a facility of the common to the commo	
	WHEN SHIELD	EVALUE EXCESSION OF THE REAL PROPERTY OF THE REAL P	DESTRUCTED SOURCE SITE FEATURINGS DEVENDINGS ADARD	241/
	and the second second	by I round this or	National Science and Technology Development Agence	

- Message By Secretary General of The Board of Investment
- 11 Preface

EDITORIAL SECTION

- 14 Thailand A Land of Investment Opportunities
- 16 Private Sector R&D in Thailand's BioIndustry
- 22 mai Matching Fund Supporting Innovative Companies
- 24 Key Infrastructure Thailand Science Park Phase II
- 26 Key Infrastructure The KMUTT's Industrial Park Center and Technology Incubate
- 27 An Introduction to Thailand's Green & Clean Industry
- 28 Building up Thailand's Human Capital for the Green and Clean Industry
- 30 The Thailand Network on Culture Collection A Virtual Bioresource Center
- 34 Tapping on the Potential of Thallands Biodiversity Bioresources Utilization * Interview - Mr. Watson, Hi-Grimm Environmental and Research *
- 38 Raw Materials for Biofuel/Biomass Production in Thailand
- 40 Anaerobic Wastewater Treatment Technology Development in Thailand
- 44 Thai Policies for the Alternative Energy Industry
- Thailand's National Roadmap for the Development of the Bioplastics Industry
- " Interview Mr. Somsak, President of TBIA
- 49 Clean Development Mechanism in Thailand

52 Useful Addresses

Advertorials / Corporate Profile

- Bio-Active Co Lt
 - Thailand Privately own Pharmaceutical and Biopharmaceutical Industry
 By Greater Pharma Group Of Companies
- i + MED Laboratories Co Ltd
- Prima Scientific Co Ltd
- Protection Of Seeds Through Intellectual Property
 By Rouse & Co International (Thailand) Ltd



COMPANY LISTINGS

74 Alphabetical Listing of Companies

DIRECTORY SECTION

128	Equipment and Product Matrix
132	Agricultural / Food Biotech
	- Finished Products Marketing
	- Manufacturing
	- Research & Development
176	Pharmaceutical / Medical Biotec
	- Finished Products Marketing
	- Manufacturing
	- Research & Development

208 Bio Energy / Environment

Consultant

- Energy Service Company (ESCO)

Manufacturing / Marketing

220 Bio Plastic

225 Medical Services / Equipment

Hospital Equipment

Hospitals

241 Supporting Industry

- Academic Institutions

Contract Research Organisations

Equipment / Reagents Sales

- Funding Agencies

- Infrastructure Consultants

- Infrastructure Contractors

- Infrastructure Providers

- Laboratory Services

- Lawyers - Intellectual Property

- Logistics

- Research Institutions

- Venture Capitalists

301 Brand Names Index

312 Advertisers' Index

BSTI SCIENCE SERVICE

