

# 陕西慧康生物科技有限责任公司

Shaanxi WitKang Bio-Tech Co.,Ltd.



# 一家专注于"活性蛋白与多肽"科学技术应用的创新型企业

An innovative enterprise specializing in the scientific and technological application of "active proteins and peptides"

# 企业简介 Company Profile

陕西慧康生物科技有限公司作为中国生物科技领域的创新代表,自2001年成立以来,始终专注于活性蛋白与多肽技术的研发与应用,建立了包含基因重组和蛋白表达优化、多肽绿色化学合成、蛋白与多肽药物AI筛选在内的三大核心技术。慧康生物依托独创的"技术同源性"发展模式,构建了国际领先的跨学科、跨领域的技术转化应用平台,在创新医药、医疗器械、高科生物原料、美容个护和功能食品等多个领域展现出强大的技术转化能力,成功实现了从基础研究到产业转化的全链条布局。

公司现有专业研发人员100余名,在研发体系建设方面,慧康生物已形成显著的竞争优势。与澳大利亚莫纳什大学、香港理工大学、复旦大学、华为等国内外多家知名院校及企业保持深度合作。截至2025年,累计获得170余项国内外专利,并参与制定11项蛋白多肽类行业及团体标准。以高占比的研发投入,保持了在重组胶原蛋白、功能性多肽等细分技术领域的创新突破和领先地位。

公司斥资5.2亿元建设的慧康生物科技产业园,总面积6.8万m²。以国际标准厂房规划与跨越式发展理念为蓝图,构建起集研发创新、智能生产、综合办公、仓储物流于一体的现代化产业集群。园区严格遵循国际标准化体系建设,不仅配备先进的质量管理体系,更精心规划了生物原料、医疗器械、化妆品三大核心生产车间。

慧康生物作为健康科技领域的开拓者,积极响应国家战略号召,紧跟"健康中国"战略,深入推进生物医药产业蓬勃发展。凭借其在蛋白与多肽领域24年技术积淀,将在生物科技领域实现更大突破,最终实现人类"健康、美丽、长寿、幸福"的共同理想。



# 企业愿景与使命 VISION AND MISSION

# 文化理念 Cultural Philosophy

Slogan: 智慧保护健康 科技美丽生活

Slogan: Wisdom Protects Health, Technology Beautifies Life.

共同愿景: 生物科技进化人类生活

Shared Vision: Biotechnology evolves human life.

企业价值观: 共创、共享、共赢

Corporate Values: Co-creation, Sharing, and Win-win

使命宗旨: 为员工谋福利, 为行业创价值, 为社会做贡献

Mission and Purpose: To Seek Welfare for Employees, Create Value for the Industry, and Contribute to Society

事业信条: 知行合一, 敬天爱人

Career Creed: Unity of Knowledge and Action, Reverence and Love for Heaven and Man



# WITKANG BIO-TECH 慧康生物

### 24年专注探索生命科学

24 years dedicated to exploring life sciences

• 世界领先的慧康·国际肽库 (中国肽库) 项目发起者

Initiator of the world-leading WitKang International Peptide Bank (China Peptide Bank) project

1 7 4

国内外发明专利

174 domestic and international invention patents

**768**<sup>件</sup>

注册商标

768 registered

1 项

行业团标

11 industry group

• 中国活性蛋白与多肽研究领域先行者

A pioneer in the field of active proteins and peptides research in China



(截止2025年6月 As of June 2025)

# 业务范畴 Business Scope

### 生物创新原料









### 医疗器械

- Ⅲ类植入医疗器械产品管线, 创新交联技术——多产品开发潜力
- Product pipeline for Class III implantable medical devices Innovative cross-linking technology Potential for multiple product developments
- 重组胶原系列医用材料
- Recombinant Collagen Series Medical Materials
- 重组胶原可吸收生物膜(Ⅲ类医疗器械)
- Recombinant Collagen Absorbable Biomembrane (Class III Medical Device)
- 医用重组胶原蛋白敷料 (Ⅱ类医疗器械)

Medical recombinant Collagen Dressing (Class II Medical Device)

### 生物制品创新药

#### 1款一类新药,准备进入临床

One new Class I drug ready to enter clinical trials

#### 2款新药,进入药效学验证

Two new drugs entering pharmacodynamics validation

#### 重组人溶菌酶滴眼液

Recombinant human lysozyme eye drops

◆ 已获国内外授权发明专利16项

Has obtained 16 authorized invention patents at home and abroad

◆ 慧康生物创新型生物制品创新药

WitKang Bio-Tech's Innovative Biological Innovative Drug

▶ 对于干眼症的治疗, 显著有效且更优效

For the treatment of dry eye syndrome, it is significantly effective and more efficacious.

◆ 抗菌消炎, 改善和缓解轻、中度干眼症症状

It has antibacterial and anti-inflammatory properties improving and alleviating symptoms of mild to moderate dry eye syndrome.

### 生物高科原料系列产品

功效型护肤品

High-tech bio-functional skincare products 膳食营养 功能性食品

Pio functional foods

健康消护类产品

Healthcare and Protection Products

# 技术成果 Technological Achievements

#### 【慧康国际肽库】项目

英国《自然》杂志子刊《自然综述: 药物发现》刊文报道慧康生物肽库项目。

[WitKang International Peptide Bank] Project
An article in Nature Reviews Drug Discovery, a subsidiary publication of Nature magazine (UK), reported on the peptide Bank project of WitKang Bio-tech.

# 中国「重组双胶原蛋白」先行者领先行业15年

The forerunner of China's "recombinant double - collagen" Leading the industry by 15 years.

#### 国内首创创新物理交联技术

Domestically initiated novel physical crosslinking technology

#### 六胜肽产业化研究成果

荣获西安市科技进步奖,论文发布在《I&EC RESEARCH》杂志封面。

The research achievements on the industrialization of Hexapeptide have won the Xi'an Science and Technology Progress Award, and the corresponding paper was featured on the cover of the I&EC RESEARCH magazine.

#### 慧康生物重组胶原科研论文 发表在国际期刊《国际生物大分子》

该期刊影响因子9.3, 同时该论文被SCI收录

WitKang Biol-Tech's recombinant collagen research paper titled A novel gene recombinant collagen hemostatic sponge with excellent biocompatibility and hemostatic effect was published in International Journal of Biological Macromolecules, which has an impact factor of 9.3. The paper has also been indexed by SCL.

#### 国内首创「基因密码I&III双胶原」

Domestically initiated "Gene Code I&III Dual Collagen"

# 企业发展历程

2001

2010---2012

2016—2018



#### 4月慧康生物正式成立

In 2001, WitKang Bio-Tech was officially established.



#### 正式成立慧康生物研发中心

The R&D center of WitKang Bio-Tech was officially established.

#### ◆ 开发国内首创I型和III型胶原融合表达技术

Develop domestically initiated fusion expression technology for Type I and Type III collagen.

#### 研制出基因重组人胶原蛋白美容液,随后推出系列生物高科护肤产品

Developed a genetically recombinant human collagen beauty serum, and subsequently launched a series of high-tech biological skincare products.

#### 获得第一项国家发明专利(六胜肽的合成方法)

Obtained the first national invention patent (A method for synthesizing hexapeptide).

#### 荣获"国家高新技术企业"称号

Awarded the title of "National High-tech Enterprise".



#### 正式启动以"干眼症"为适应症的新药研发项目

Officially launched a new drug research and development project targeting "dry eye syndrome" as the indication.

#### 生物高科护肤品牌汝新美肌正式启航,开启"以生物科技重塑健康肌肤"新时代

The high-tech biological skincare brand YeNew Skin has officially set sail, ushering in a new era of "reshaping healthy skin with biotechnology."

#### 挂牌成为西安市博士后创新基地及西安市活性蛋白与多肽技术工程研究中心

Listed as a Xi'an Postdoctoral Innovation Base and Xi'an Active Protein and Polypeptide Technology Engineering Research Center.

#### "六胜肽"项目荣获西安市科学技术进步奖励三等奖

The "Hexapeptide" project won the Third Prize of Xi'an Science and Technology Progress Award.

#### 英国《自然》杂志子刊刊登"慧康·国际肽库(中国肽库)"专题文章

The British journal Nature published a feature article on "WitKang·International Peptide Bank (China Peptide Bank)".

#### 举办2018国际蛋白质和多肽大会暨"慧康·国际肽库(中国肽库)"启动仪式

Hosted the 2018 International Conference on Proteins and Peptides and the Launch Ceremony of "WitKang International Peptide Bank (China Peptide Bank)"

2019——2021

2022——2025





#### 慧康生物科技产业园正式投入使用

The WitKang Biotechnology Industrial Park was officially opened for use.

#### ◆ 与澳大利亚WEHI医学研究所开启交流与合作

Initiated exchanges and cooperation with the Walter and Eliza Hall Institute of Medical Research (WEHI) in Australia.

#### 重组胶原蛋白材料科研成果在国际权威期刊发表

Research results on recombinant collagen materials were published in international authoritative journals.

#### **▶** 膳食营养品牌昂刻正式诞生

The dietary nutrition brand ACTII was officially launched.

### 参与美国波士顿世界生物科研领域"TIDES:Oligonucleotide and Peptide Therapeutics"学术会议

Participated in the academic conference "TIDES: Oligonucleotide and Peptide Therapeutics" in the field of global biological research in Boston, USA.

#### 与澳大利亚莫纳什大学合作开发新型抗感染药物

collaborated with Monash University in Australia to develop novel anti-infective drugs.

#### 荣登全球百强创新榜新材料组唯一中国企业

Ranked as the only Chinese enterprise in the new materials category on the Global Top 100 Innovation List.

#### 慧康生物参与制定的11项蛋白多肽类团体标准正式发布

Eleven protein and polypeptide - related group standards participated in the formulation by Huikang Biology have been officially released.

#### · 一款"医用重组胶原蛋白敷料"获得Ⅱ类医疗器械注册证

Medical Recombinant Collagen Dressing has obtained a Class II medical device registration certificate.

#### · 人溶菌酶滴眼液、安全性紫外防晒肽两项在研项目被列入"2023年陕西省重点新产品开发项目"计划

Two ongoing research projects, namely human lysozyme eyedrops and safe UV-blocking peptides, have been included in the "2023 Key New Product Development Project" plan of Shaanxi Province.

#### 仿生胎脂组合物、制备方法及应用获得陕西省化妆品行业协会科学技术进步奖金奖

The Bionic Vernix Caseosa Composite, Preparation Method, and Application Thereof won the Gold Award for Scientific and Technological Progress from the Shaanxi Cosmetics Industry Association.

#### • 与香港理工大学共同成立【生物创新研究联合实验室】

Established the "Joint Laboratory for Biological Innovation Research" with The Hong Kong Polytechnic University.

#### 慧康生物重组人源化胶原蛋白技术发布会在上海举行

The launch event for WitKang Bio-Tech's recombinant human-like collagen technology was held in Shanghai.

#### 慧康生物与华为云签署全面合作协议,共建"蛋白与多肽AI筛选科研平台大模型"

Huikang Biotech and Huawei Cloud signed a comprehensive cooperation agreement to jointly build a "large model of protein and polypeptide AI screening scientific research platform.

# 慧康生物科技产业园 WitKang Biotechnology Industrial Park

### 一个集产学研销于一体的综合性产业园区

A comprehensive industrial park integrating industry, academia, research and sales

# 总投资5.2亿

The total investment is 520 million Chinese yuan.

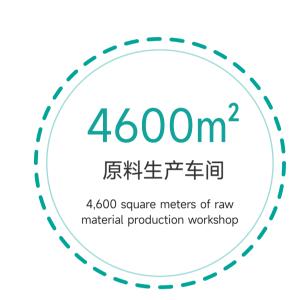
# 总面积6.8万m²

The total area is 68,000 square meters.

#### ▼ 园区各楼布局图

### 符合GMPC 和 ISO22716 质量管理体系智造车间

Compliant with GMPC and ISO22716 quality management system intelligent manufacturing workshop









# 全球化科学布局,精准赋能

Global scientific layout with precise empowerment

# 3大研发基地 Three major research and development bases

- 中国西安慧康生物科技产业园研发基地 R&D Base of WitKang Biotechnology Industrial Park, Xi'an, China
- 澳大利亚墨尔本研发基地 R&D Base in Melbourne, Australia
- 中国香港理工大学&慧康生物创新研究联合实验室研发基地
  R&D Base of The Hong Kong Polytechnic University & WitKang Bio-Tech Joint Laboratory for Innovative Research

# 5大中心 Five centers

- 基础研究中心
- 蛋白与多肽活性原料开发中心
- 配方创新中心
- 功效测试中心
- 技术支持中心

- Fundamental Research Center
- Protein and peptides active raw material development center
- Formulation innovation center
- Efficiency testing center
- Technical Support Center

# 4大研发平台 Four research platforms

- 化妆品技术研发平台
- 活性蛋白与多肽工程技术研究平台
- 创新药物研发平台
- 医疗器械研发平台

- Cosmetics Technology Research and Development Platform
- Research and Development Platform for Functional Protein and Peptide Engineering Technology
- Innovative Drug Research and Development Platform
- Medical Device Research and Development Platform



# "慧康国际肽库(中国肽库)"

WitKang International Peptide Bank (China Peptide Bank)

- 总投资1.3亿元

  Total investment of 130 million Chinese yuan
- 慧康生物自主创建
  Independent established by WitKang Bio-Tech
- 序列精准的商业肽库

Precisely sequenced commercial peptide bank

● 超过17.5万条肽链

Contain over 175,000 peptide chains.

- 陕西省科技厅重点扶持项目
  Shaanxi Provincial Science and Technology Department key support projects
- 全人类共享的资源宝库

A treasure trove of resources shared by all mankind

"慧康·国际肽库"将构建全序列的二肽库、环二肽库、三肽库、四肽库,可供全球筛选各种功能性的活性多肽,为药品、化妆品、食品、保健品等行业提供所需要的创新性活性多肽产品,有着巨大的社会效益和经济效益。

The "WitKang International Peptide Bank" aims to establish comprehensive bank of dipeptides, cyclic dipeptides, tripeptides, and tetrapeptides, allowing for global screening of various functional active peptides. This will provide innovative active peptide products for industries such as pharmaceuticals, cosmetics, food, and health supplements. It holds immense social and economic benefits.



# 慧康生物&华为云签署全面合作协议 共建"蛋白与多肽AI筛选科研平台大模型"

WitKang Biotech and Huawei Cloud Sign a Comprehensive Cooperation Agreement Jointly Build a Globally Leading "AI - Screening Research Platform Model for Proteins and Peptides"

● 慧康生物通过AI技术深度赋能多肽药物研发,进一步释放肽库数据价值加速新药发现效率,为全球生物医药创新提供中国方案。

By deeply empowering the R&D of polypeptide drugs with AI technology, Huikang Biotech will further unleash the data value of the peptide library, accelerate the efficiency of new drug discovery, and provide a Chinese solution for global biomedical innovation.

# 构建"研发-转化-产业"闭环生态

Build a closed - loop ecosystem of "R&D - transformation - industry"

### 推动中国生物医药AI解决方案走向全球

Promote Chinese biomedical AI solutions to the global stage





# 科研力量

# 汇聚百余位全球顶尖科技创新人才

### Research Capabilities

Gathering over 100 top-tier global scientific and technological innovation talents



### 梅其炳 / 首席科学家

Mei Qibing, Chief Scientist

曾任第四军医大学药理教研室主任,国家上海新药安全性评价研究中心、上海医药工业研究院药理评价研究中心、中国药理学会常务理事,国家食品药品监督管理局保健食品安全专家委员会委员,陕西省药理学会副理事长。发表论文近500篇,其中SCI收录130余篇;主编/参编专著与教材14部,获得授权专利13项;入选2014、2015、2016、2017、2018、2019年中国高被引学者,2015年科学中国人年度人物;享受国务院特殊津贴。

Enjoying special subsidies from the State Council; he was formerly the Director of the Pharmacology Teaching and Research Section at the Fourth Military Medical University, Executive Director of the National Shanghai Center for New Drug Safety Evaluation and Research, Executive Director of the Pharmacological Evaluation and Research Center of the Shanghai Pharmaceutical Industry Research Institute, Executive Director of the Chinese Pharmacological Society, Member of the Expert Committee on Healthcare Food Safety of the National Food and Drug Administration, and Deputy Director of the Shaanxi Pharmacological Society. He has published nearly 500 papers, of which over 130 have been indexed by SCI. He has authored or co-authored 14 books and textbooks, and holds 13 authorized patents. He has been selected as a Highly Cited Chinese Researcher in 2014, 2015, 2016, 2017, 2018, and 2019, and was named the Annual Figure of Chinese Scientists in 2015.



### 李元 / 研发总经理

Li Yuan, General Manager of Research and Development

曾任原第四军医大学微生物学教研室副主任。承担多项政府项目,包括国家自然科学青年基金、军队"十五"重点课题,"973"课题、国家"863"课题等,主持并结题多项企业医药转化项目,国家"十一五重大医药专项"等项目。

Previously served as the Director of the Microbiology Teaching and Research Section at the former Fourth Military Medical University. He has undertaken multiple government projects, including the National Natural Science Foundation for Young Scientists, key military research topics during the "10th Five-Year Plan" period, "973" projects, and national "863" projects. He has also presided over and completed multiple pharmaceutical conversion projects with enterprises, as well as projects under the national "11th Five-Year Major Pharmaceutical Initiative" and other programs.



何明光 / 首席科学家 He Mingguang, Chief Scientist

香港理工大学杰出创科学人计划讲席教授, 视觉科学研究中心主任, 曾任中山大学中山眼科中心教授二级教授, 墨尔本大学眼科学教授。国家杰出青年基金获得者、国家"万人计划"领军人才、广东特支计划杰出人才("南粤百杰"), 兼任亚太眼科学会常务理事, 亚太近视学会创会理事,《英国眼科杂志》副主编。其研究成果多次以论著方式发表在Lancet、JAMA等国际权威期刊。

Chair Professor under The Hong Kong Polytechnic University's Excellence in Innovation Scheme, Director of the Vision Science Research Center, formerly a Second-Level Professor at the Zhongshan Ophthalmic Center of Sun Yat-sen University and a Professor of Ophthalmology at the University of Melbourne. Recipient of the National Science Fund for Distinguished Young Scholars, a leading talent under the national "Ten Thousand Talents Program," an outstanding talent under Guangdong's Special Support Plan ("Top 100 Talents of South Guangdong"), and concurrently serving as Executive Director of the Asia-Pacific Academy of Ophthalmology, Founding Council Member of the Asia-Pacific Myopia Society, and Associate Editor of the British Journal of Ophthalmology. His research findings have been published multiple times in prestigious international journals such as Lancet and JAMA in the form of articles.

# 国内外10余所高校合作 助推12项重点科研项目研发

Collaborating with over 10 universities both domestically and internationally to facilitate the research and development of 12 scientific research projects



慧康生物代表与澳大利亚莫纳什大学人员进行座谈



慧康国际与香港理工大学"生物创新研究联合实验室"正式成立

#### 澳大利亚莫纳什大学 / 香港理工大学

Monash University (Australia) / The Hong Kong Polytechnic University

#### 澳大利亚拉筹伯大学 / 韩国大邱大学 / 昆士兰科技大学

La Trobe University (Australia) / Daegu University (South Korea) / Queensland University of Technology (QUT)

#### 西北大学 / 西安交通大学 / 空军军医大学

Northwest University / Xi'an Jiaotong University / Air Force Medical University

#### 陕西科技大学 / 西安培华学院

Shaanxi University of Science and Technology / Xi'an Peihua University

#### 联合研发中心 - 教学实习基地 - 委托研究

Joint Research and Development Center / Teaching and Practice Base / Commissioned Research

# 医企合作 共享临床经验

#### 第四军医大学口腔医院

Stomatological Hospital of the Fourth Military Medical University

#### 西安市红会医院

Xi'an Honghui Hospital

#### 中国医学科学院皮肤病医院

Hospital for Skin Diseases, Chinese Academy of Medical Sciences

#### 口腔科 / 骨科 / 皮肤科

Stomatology/Orthopedics/Dermatology







# 企业荣誉

**Enterprise honor** 



#### 香港理工大学·慧康生物创新研究联合实验室

Joint Innovative Research Laboratory of The Hong Kong Polytechnic University and HuiKang Bio-Tech



#### 西北大学·慧康生物联合研发中心

Joint Research and Development Center of Northwest University and WitKang Bio-Tech



#### 高新技术企业证书

Certificate of High-tech Enterprise



#### 西安市活性蛋白与多肽工程技术中心

Xi'an Active Protein and Peptide Engineering and Technology Center



#### 西安市人才工作创新实验基地

Xi'an Talent Work Innovation Experimental Base



#### 中国香料香精化妆品工业协会理事单位

Member Council Unit of China Association of Fragrance, Flavor and Cosmetic Industries



#### 陕西省中小企业创新研发中心

Innovation and Research Center for Small and Medium-sized Enterprises in Shaanxi Province



#### 陕西省行业先进单位

Advanced Unit in Shaanxi Province's Industry



#### 西安市博士后创新基地

Xi'an Post-doctoral Innovation Base



#### 西安市国际科技合作基地 (I型)

Xi'an International Science and Technology Cooperation Base (Type I)

# 亮相国际国内展会

Showcasing at Domestic and International Exhibitions



澳大利亚生物科技展 AusBiotech



Cosmoprof Worldwide Bologna



莫斯科Intercharm Professional国际美容展 Inter CHARM Moscow



丝绸之路国际博览会 Silk Road International Expo



中国(广州)国际美博会 China Guangzhou International Beauty Expo

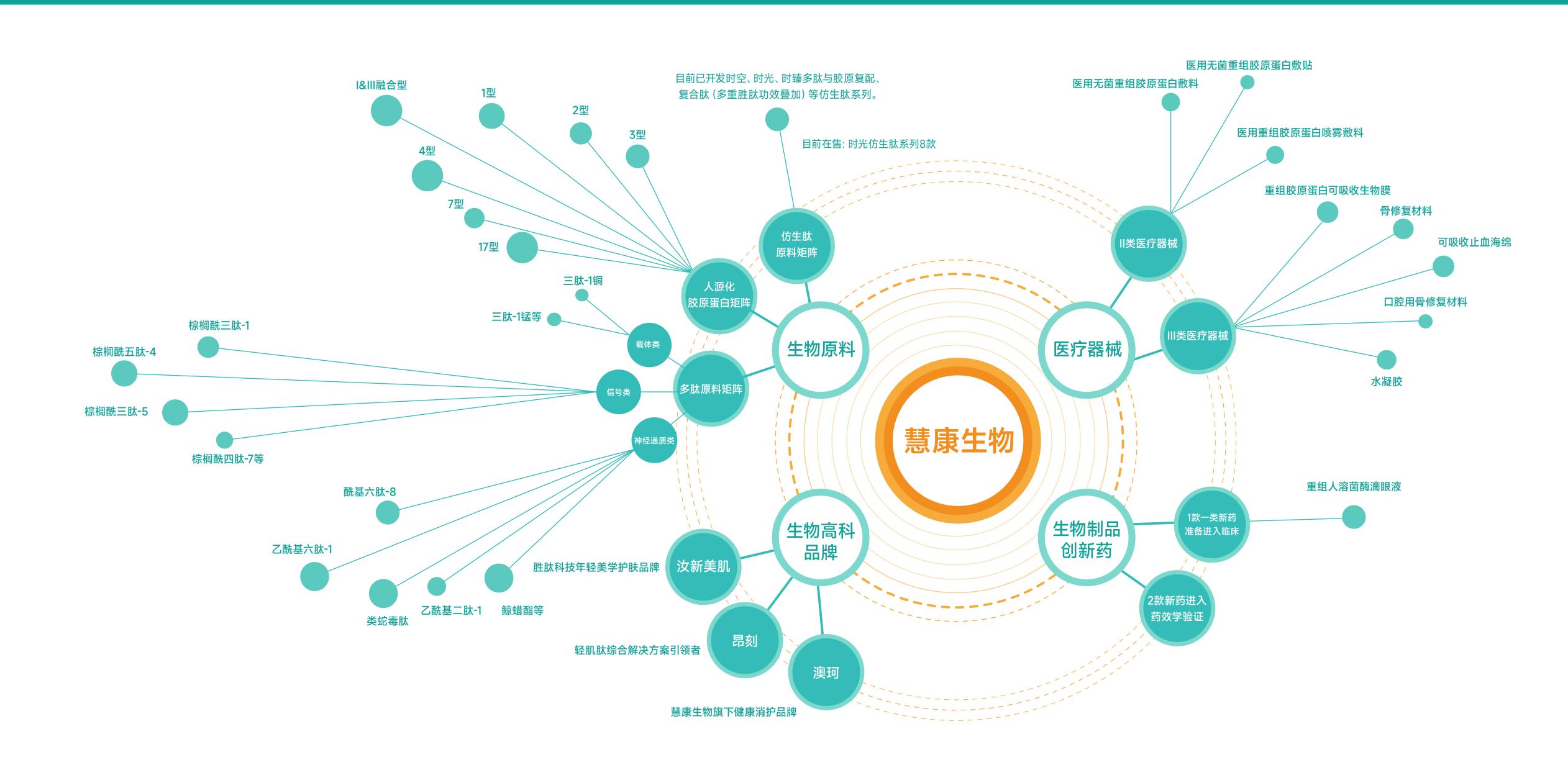


迪拜国际美容展 Beautyworld Middle East

# 建设未来大健康生态圈产业布局 / 持续开发高品质生物科技产品

Building the industrial layout for a future great health ecosystem

Continuously developing high-quality biotechnology products

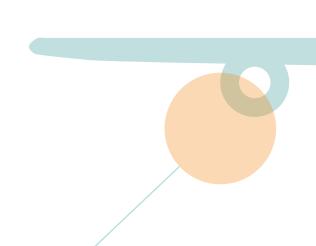


# 国内唯一"一体两翼"原料矩阵

The only "One Body with Two Wings" raw material matrix in China

### 重组蛋白+活性多肽+慧康仿生肽+外泌体

Recombinant Protein + Active peptides + WitKang Biomimetic Peptide + Exosomes



Collagen raw material

胶原原料

制备工艺先进, 热稳定性优、安全性好、纯度高超强亲水性、无细胞毒性、无刺激、无致敏反应促细胞增殖率、细胞迁移率优势显著纳米胶原球, 自组装特点年产能1000kg

Advanced preparation technology, excellent thermal stability, good safety, and high purity.

Super hydrophilic, non-cytotoxic, non-irritating, and non-allergenic. Significant advantages in promoting cell proliferation and migration rates.

Nano-collagen spheres with self-assembly characteristics. Annual production capacity of 1000kg.

### 多肽原料

Peptides material

依托"慧康·国际肽库", 精准筛选功效型多肽多品种、规模化、产业化合成技术平台制药标准, 高纯度、质量稳定年产能 50kg配合有慧康生物独家研发的核心促渗透技术——产品+配套技术

肽库配合有"慧康多肽筛选解决方案"。

Relying on the "WitKang International Peptide Bank" for precise screening of functional peptides.

A multi-varietal, large-scale, and industrialized synthesis technology platform.

Pharmaceutical standards with high purity and stable quality. Annual production capacity of 50kg.

Coupled with WitKang Bio-Tech's exclusively developed core penetration-enhancing technology - product + supporting technology.

The peptide Bank is complemented by the "WitKang Peptide Screening Solution".

#### 仿生肽原料

**Biomimetic Peptide Raw Materials** 

慧康生物根据皮肤结构的组成, 开发了以功效明确、靶点清晰、活性强劲的多肽与重组胶原蛋白复配的独特配方。在最大化的模拟皮肤真实环境的同时, 给予皮肤更多滋养和呵护。

慧康仿生肽系列产品配伍性好、操作方便,拥有卓越超群的功效。

Based on the composition of skin structure, WitKang Bio-tech has developed unique formulations that combine peptides and recombinant collagen with clear efficacy, precise targets, and strong activity. While maximizing the simulation of the skin's real environment, these formulations provide the skin with more nourishment and care.

The WitKang Biomimetic Peptide series offers excellent compatibility and ease of use, coupled with remarkable efficacy.

#### 外泌体

Exosomes

精细化分离, 规模化生产, 高质量标准 妆、械、药的全面应用 数百升/次, 年处理量吨级 按照粒径大小精细分离

Fine separation,

Large-scale production,

High quality standards,

Comprehensive application in cosmetics, medical devices, and pharmaceuticals.

Hundreds of liters per batch, with annual processing capacity in

Fine separation based on particle size.

# 医疗器械

### **Medical Devices**

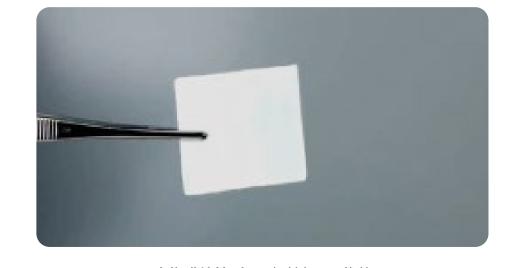
### 国内首创独特物理交联技术

The first unique physical crosslinking technology in China

#### 创新交联技术——多产品开发潜力



**胶原海绵特性 | 吸水性好、柔软性好**Characteristics of Collagen Sponge-Excellent water absorption
Good flexibility



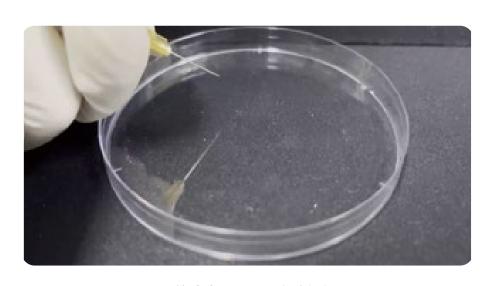
生物膜特性 | 柔韧性好、易裁剪

Characteristics of Biological Membrane-Good flexibility

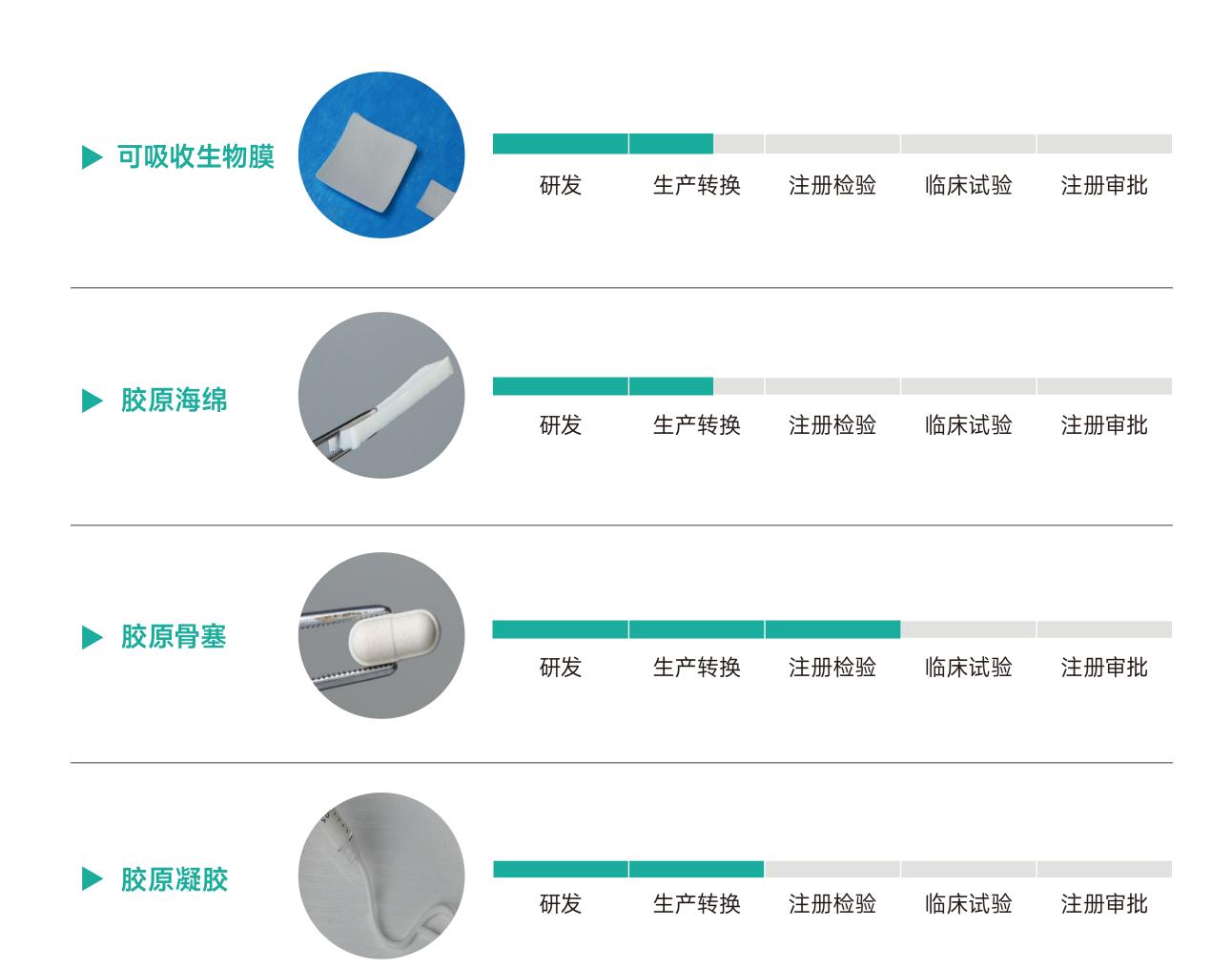
Easy to cut and tailor



**骨修复材料特性 |** 支撑性好、易裁剪 Characteristics of Bone Repair Material-Good support Easy to cut and tailor



**医美填充材料 |** 支撑性好 Medical Aesthetic Filling Material-Good support



# 医疗器械

### **Medical Devices**

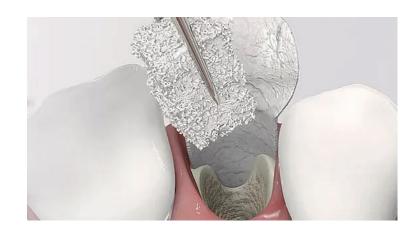
#### III类医疗器械 Class III Medical Devices



重组胶原蛋白海绵 Recombinant Collagen Sponge



植入后血管长入
Recombinant Collagen Absorbable Biomembrane



应用场景: 用于口腔科拔牙后止血与填充 Application Scenarios: Used for hemostasis and filling after tooth extraction in oral surgery

适应症

拔牙后阻挡软组织长入到

缺损区域,引导软组织和

硬组织细胞以及血管内生

组织与膜结合, 而血管则

在纤维之间沿着膜生长。

#### 核心优势

止血快,独有的超亲水重组胶原,比动物胶原海绵吸水更强且无病毒风险,骨与软组织重塑,保存并增高牙槽嵴,修复软组织,口腔美学物理交联技术,无任何交联剂更安全可吸收,无需二次取出

#### 重组胶原可吸收生物膜(III类医疗器械)



应用场景示例

医用重组胶原蛋白敷料 (II类医疗器械) Class II Medical Device

注册证号: 陕械注准20232140038

适应证: 用于非慢性创面 (如激光、光子、果酸换肤、微整形术后创面, I度或浅II度的烧烫伤创面) 的护理, 为创面愈合提供微环境, 减轻创面色素沉着及瘢痕形成风险。











显著的皮肤创面修复效果





# 生物制品创新药

### Innovative drugs for biological products

# 重组人溶菌酶滴眼液

Recombinant human lysozyme eye drops

# 梅其炳 / 首席科学家 亲自带队研发

Mei Qibing, Chief Scientist, Leading the Research and Development Team Personally

# 已获国内外授权发明专利16项

慧康生物创新型生物制品创新药

Has obtained 16 authorized invention patents at home and abroad WitKang Bio-Tech's Innovative Biological Innovative Drug

对于干眼症的治疗, 显著有效且更优效 抗菌消炎, 改善和缓解轻、中度干眼症症状

For the treatment of dry eye syndrome, it is significantly effective and more efficacious.

It has antibacterial and anti-inflammatory properties, improving and alleviating symptoms of mild to moderate dry eye syndrome.



# 生物制品一类新药研究进展



# 生物制品一类新药(人溶菌酶滴眼液)专利技术

Patented technology for a new Class I biological drug (human lysozyme eyedrops)

# 生物高科品牌

Brand of Biological High-Tech

# 两大品牌引领美丽健康事业

Two major brands lead the beauty and health industry

慧康生物以行业领先技术水平的慧康·中国肽库为依托, 打造了以汝新美肌、昂刻为代表的生物高科品牌矩阵, 让实验室里的科技成果走进千家万户, 造福人类生活。自面世以来, 受到广大顾客青睐, 以"线上+线下"一体化闭环营销模式, 成功跻身最受期待的国货黑马品牌。

Relying on its industry-leading WitKang·China Peptide Bank, HuiKang Bio-tech has built a matrix of biological high-tech brands represented by Ye New Skin and ACTII, bringing the scientific and technological achievements from the laboratory into the lives of thousands of households and benefiting human life. Since their launch, these brands have been favored by numerous customers and have successfully become one of the most anticipated dark horse brands among domestic products through an integrated closed-loop marketing model combining "online + offline".

# **汝新美**朋

**::** YE NEW SKIN





# 汝新美肌一一生物科技护肤的传播者

Bio-High-Tech Brand - Ye New Skin

# 胜肽科技年轻美学护肤品牌,成立于2018年,起源于中国肽库创办方慧康生物

Ye New SKin, a brand specializing in peptide technology and aesthetic youth skincare, was founded in 2018 and originated from WitKang Bio-tech, the founder of the China Peptide Bank.

#### 品牌理念一一生物科技重塑健康肌肤

Brand Philosophy - Biotechnology Reshapes Healthy Skin

品牌核心差异点——MTS即: 原料壁垒、技术壁垒、科研团队

Brand Core Difference - MTS: Material Barrier, Technological Barrier, Scientific Research Team

提供服务——提供更安全有效的肌肤抗老产品和年轻化解决方案

Services Provided - Offering safer and more effective anti-aging skincare products and rejuvenation solutions.

品牌追求——肌肤改变, 真实可见

Brand Pursuit - Visible Skin Transformation

### 品牌布局 Brand layout







The online e-commerce sector is fully blooming across multiple platforms (Tmall, Douyin, WeChat, and JD.com).

线下8家直营门店及1家医疗美容中心遍布西安全域

With 8 directly-operated stores and 1 medical aesthetic center scattered throughout Xi'an,

伴随招商加盟事业的启航,线下阵地将相继推进至全国各地,从一家西安肌肤管理中心成长为国内城市女性科学护肤的灯塔。

With the launch of our franchise recruitment program, our offline presence will gradually expand to various regions across the country, evolving from a single skin management center in Xi'an to a beacon for scientific skincare for urban women nationwide.

### 品牌成就 Brand Achievements

241625名品牌会员, 260万+的肌肤护理案例

Over 300,000 loyal members and more than 2.6 million skincare cases.

单日销售额950万,年销售额可达上亿元

Single-day sales of RMB 9.5 million, with annual sales reaching hundreds of millions of yuan.

时尚芭莎年度美妆大奖

Recipient of the Fashion Bazaar Annual Beauty Award.



# 生物高科品牌一一汝新美肌

Bio-High-Tech Brand - Ye New Skin

# 明星/达人力荐

Highly Recommended by Celebrities and Influencers











# 汝新美肌系列产品 Product Series - Ye New Skin

#### 重组胶原赋能系列

Collagen Empowerment Series

#### 首创I&III型重组胶原, 开启细胞级修护新时代

Innovative Type I & III Recombinant Collagen, Ushering in a New Era of Cellular-Level Repair

人体同源胶原专利, 赋能肌肤, 焕活新生

Human Homologous Collagen Patent, Empowering Skin with Renewed Vitality







氨基酸云感洁面/弹润精粹水乳/胶原仓次抛精华/胶原冻干面膜

Amino Acid Cloud-Like Cleanser Elastic & Moisturizing Essence Lotion Collagen Capsule Single-Use Ampoules

### 六胜肽抗老系列

Hexapeptide anti-aging series

#### 多肽紧致提拉, 焕现年轻光彩

Peptide Firming and Lifting, Revitalizing Youthful Radiance

抚纹抗皱, 由眼及面全维长效抗老

Smoothing Wrinkles, Comprehensive and Long-Lasting Anti-Aging from Eyes to Face



六胜肽面膜/六胜肽眼尾精华液/六胜肽洁面乳/六胜肽精华水/六胜肽精华液/六胜肽乳霜

蓝铜胜肽修护系列

**GHK-Cu Repair Series** 

#### 脆敏肌专研,全家族24H守护

Specialized for Fragile Sensitive Skin, 24/7 Family-Wide Protection

修护有方,「蓝」住敏感,"红灯肌"转危为安

Effective Repair, "block" Sensitivity, Turning "Red Alert Skin" into Calm



蓝铜胜肽修护卸妆膏/蓝铜胜肽水、乳、霜/二裂酵母蓝铜肽精华油

GHK-Cu Repair Cleansing Balm GHK-Cu Peptide Gentle Cleansing Milk GHK-Cu Peptide Hydrating Essence Toner GHK-Cu Peptide Moisturizing Essence Lotion GHK-Cu Peptide Repair Essence Cream Bifida Ferment Lysate & GHK-Cu Essential Oil

### 冻干美容液系列

Freeze-Dried Beauty Serum Series

#### 抗老黑科技, 高精纯生物护肤

Anti-Aging Black Tech for High-Purity Biological Skincare

突破创新冻干锁鲜技术, 高活性、高浓度、高渗透

Breakthrough Freeze-Drying Preservation Technology for High Activity, Concentration, and Penetration



焕能修护寡肽美容液/谷胱甘肽亮颜美容液/光盈焕能多肽美容液/焕颜亮采歧化酶美容液

Oligopeptide Revitalizing Repair Beauty Serum Glutathione Radiance Enhancing Beauty Serum

Luminous Energy Multi-Peptide Beauty Serum Dismutase Brightening and Renewing Beauty Serum

# 功能食品——ACTII昂刻 Bio-High-Tech Brand - ACTII

# 轻肌肽综合解决方案引领者

Leader in the Comprehensive Carnosine Solution

### 秉承健康生物科技理念

Adhering to the Concept of Healthy Biotechnology

### 以【内调+外养】的养颜主张

Advocating the Beauty Regimen of "Internal Regulation + External Nourishment"

### 达到内滋养机体、外养护肌肤的目的

Achieving the Goal of Internally Nurturing the Body and Externally Caring for the Skin

### 在内调与外养之间, 寻求平衡之美

Between Internal Regulation and External Nourishment, Seeking the Beauty of Balance





















### 健康消护产品——澳珂溶菌酶抑菌液

慧康生物依托拥有17.5万条序列精准的平行肽库——慧康国际肽库项目,成功开发出一款专注于口鼻抑菌消毒、杀菌的消字号产品。溶菌酶成分,作为慧康生物自主研发的核心专利原料,具备过硬的技术和功效优势,并在过往开发的产品中展现出卓越的性能。

# 净护呼吸·清新随行·守护健康防线!

# 1瓶2用 改善口鼻问题

口腔止痛消炎 • 抗炎消肿

溶菌酶具有抗炎作用,能够减轻溃疡处的炎症反应,并缓解红肿症状

• 改善过敏性鼻炎 即喷即享舒适

直击过敏根源,有效缓解打喷嚏、流鼻涕及过敏性鼻炎等症状。

减轻疼痛。

减轻溃疡带来的疼痛不适感

• 改善鼻环境

增强鼻粘膜自我修复力, 改善鼻腔环境, 减少过敏发生。

# 管理战略 Management strategy

慧康生物以国际化视野和团队标准,以标准化、制度化、信息化、专业化的"四化建设"为核心,公司跨越了传统慧康,全面启动了从优秀慧康向卓越慧康的管理战略。

With an international perspective and team standards, WitKang Bio-tech has taken the "Four Modernizations" of standardization, institutionalization, informatization, and professionalization as its core. The company has surpassed its traditional self and comprehensively initiated a management strategy to transition from an excellent WitKang to an outstanding WitKang.

信息化

专业化



# 可持续发展 Sustainable Development

# 全球生物制造领域的引领者

Global leader in biofabrication

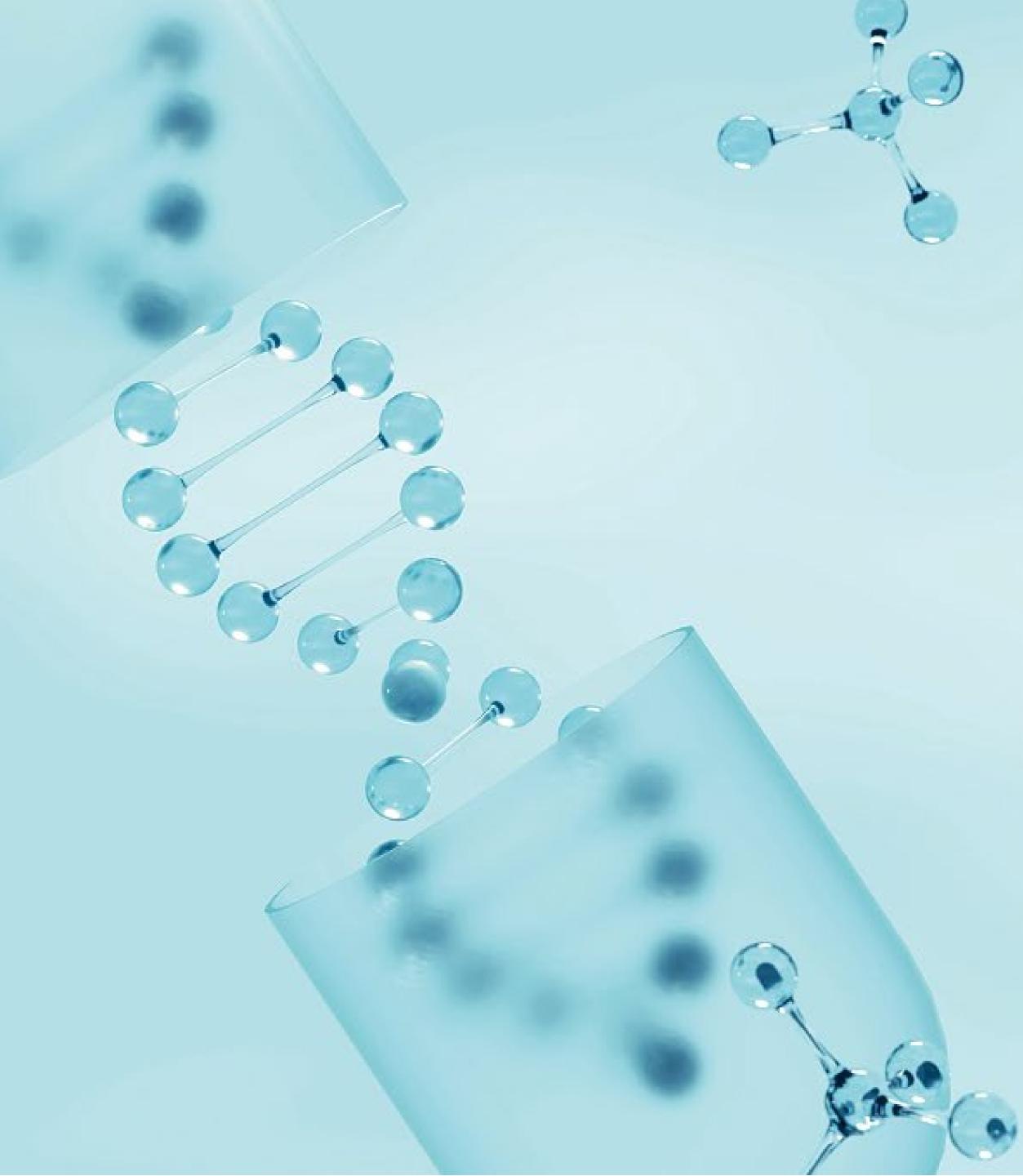
社会公益 Social Welfare

创新驱动 Innovation-Driven 绿色生产 Green Production

质量管控 Quality control

进一步拓展海外市场,实现全球化市场战略布局,与上下游国际知名企业、生物科研机构联合开展技术研发创新和科研成果的产业化应用,为人类健康事业贡献更大的力量

Further expand overseas markets to achieve a global market strategic layout, collaborate with internationally renowned upstream and downstream enterprises and biological research institutions to jointly carry out technological research and innovation, and industrialize scientific research achievements, thereby contributing even greater efforts to the cause of human health.



# 可持续发展一社会公益 Sustainable Development -public welfare

# 搭建公益平台 构建社会责任共同体

Establish a Public Welfare Platform Build a Community of Shared Social Responsibility

慧康生物积极拉动地方就业率, 倡导以产业带动就业、以就业促进增收, 助力实现产业兴、就业稳、收入 增的美好社会愿景。并积极参与公益事业,主动开展公益援建、救灾捐助、扶贫助学等活动,用实际行动 回馈社会。

WitKang Bio-tech actively boosts local employment rates by promoting employment through industry development and increasing income through employment, contributing to the realization of a beautiful societal vision featuring thriving industries, stable employment, and increased income. Additionally, the company actively participates in public welfare causes, takes the initiative to carry out activities such as public welfare aid, disaster relief donations, poverty alleviation and education support, and gives back to society through concrete actions.







# 可持续发展一创新驱动

Sustainable Development - Innovation-Driven

### 新质生产力 驱动高质量发展

"New Quality Productivity" Driving High-Quality Development







- **在行业标准制定上**, 2023年慧康生物积极参与了国家、行业、团体相关质量标准建设, 如参与制定的《化妆品用原料合成多肽》《重组胶原蛋白原料质量要求及功效评价方法》《重组胶原蛋白透皮吸收测定方法》等行业标准, 为推动行业规范化发展作出了贡献。
  - In terms of industry standard setting, in 2023, WitKang Bio-Tech actively participated in the development of relevant national, industry, and group quality standards. For example, it contributed to the formulation of industry standards such as "Synthetic Peptides for Cosmetic Ingredients," "Quality Requirements and Efficacy Evaluation Methods for Recombinant Collagen Protein Ingredients," and "Measurement Methods for Transdermal Absorption of Recombinant Collagen Protein." These efforts have made contributions to promoting the standardized development of the industry.
- 在研发创新领域, 慧康生物已开发了130多种重组蛋白和活性多肽类原料,主要聚焦于与人类健康相关的高科生物护肤品、医疗器械、医药产品等,研发范围覆盖从细胞构建到商业应用的全产业链。
  - In the field of research and development innovation, WitKang Bio-Tech has developed over 130 types of recombinant proteins and active peptides raw materials, primarily focusing on high-tech biological skincare products, medical devices, pharmaceutical products, and other products related to human health. Its research and development scope covers the entire industrial chain, from cell construction to commercial application.
- **在产学研合作上**, 慧康生物与澳大利亚莫纳什大学、香港理工大学以及国内的西北大学、陕西科技大学**等高校紧密合作**, 共同推动合成生物领域的研究, 开展合作项目12项, 在生物蛋白多肽成分、外泌体与皮肤组织再生、抗衰技术、化妆品原料功效等方面取得显著进展。
  - In terms of industry-academia-research cooperation, WitKang Bio-Tech has established close collaborations with Monash University in Australia, The Hong Kong Polytechnic University, as well as domestic universities such as Northwest University and Shaanxi University of Science and Technology. Together, they have jointly promoted research in the field of synthetic biology and carried out 12 cooperative projects. Significant progress has been made in areas such as biological protein and peptide components, exosomes and skin tissue regeneration, anti-aging technologies, and the efficacy of cosmetic ingredients.

# 可持续发展一绿色生产

Sustainable Development - Eco-friendly Production

### 节能减排 构建绿色低碳循环经济体系

Energy Conservation and Emission Reduction Building a Green, Low-Carbon, and Circular Economic System

# • 利用污水处理工艺, 实现资源的可持续利用

Utilizing wastewater treatment processes to achieve sustainable resource utilization.

创建污水处理体系, 实现资源的可持续利用, 将各类污水净化处理后成功用于生产和办公, 提升绿色能源占比。减少危废处理量27%; 2023年共验证4类废水污染因子, 可处理率100%。

By establishing a wastewater treatment system, we aim to achieve sustainable resource utilization. Various types of wastewater are successfully purified and reused for production and office purposes, thereby increasing the proportion of green energy. We have reduced hazardous waste disposal by 27%, and in 2023, we verified four types of wastewater pollutants with a 100% treatable rate.



# 可持续发展一质量管控

Sustainable Development - Quality control

# • 用数字化转型,推进产品的质量管理与提升

Leveraging Digital Transformation to Enhance Product Quality Management and Elevate Standards



功能性护肤品生产车间利用计算机技术对图像等数字信号处理分析,使每一款产品都经过精细化与智能化的质量管理。工厂还引入剔出机以替代人工产品检查,并仅将合格产品分配至下一道环节,将不合格产品剔除到残次品中,更精准更高效地保障产品质量。

In the functional skincare product manufacturing workshops of WitKang Bio-Tech, computer technology is utilized for the processing and analysis of digital signals such as images, ensuring that each product undergoes refined and intelligent quality management. The factory has also introduced automatic sorting machines to replace manual product inspection, allocating only qualified products to the next production stage while rejecting defective ones, thereby ensuring product quality with greater precision and efficiency.

# • 质量保证与管控, 打造国际化标准生产环境

Quality Assurance and Control: Creating an International Standard Production Environment

慧康生物质量管理体系以ISO9001和GMP为指导,建立了200+个产品质量标准,以严格精细化标准把控品质。350余平米实验室,实施6S管理方案,并于2023年7月引入全球知名的CNAS管理体系,严格按照法规要求、体系要求、国际标准、国内标准有序运行。

WitKang Bio-Tech's quality management system is guided by ISO9001 and Good Manufacturing Practices (GMP), and has established over 200 product quality standards to ensure strict and refined quality control. The over 350-square-meter laboratory implements a 6S management scheme and, in July 2023, introduced the globally renowned CNAS management system. It operates in strict accordance with regulatory requirements, system standards, international standards, and domestic standards.



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一期待与您深度合作,共筑产业价值——

# 

慧康生物科技



#### \* 反引力击退松垮 \*

### 「垮脸大师」面霜













### \* 抵御发丝损伤 \*

### 「发丝护盾」对抗热能

抗热膜+抗污染膜+锁水膜•厚筑发芯•改善烫染损伤•清理废旧脂质

+96.6% +93.3%

顺滑 滋养

+96.6% +90.0%

光泽

柔韧

-86.6% -96.6%

分叉 干枯

使用抗热损护发素后的功效验证:

受试者: 30名25-35岁 连续使用28天且两天使用一次 后的自我评价









\*发明专利:基因重组人胶原蛋白融合致接及其制备方法和应用 ZL 201010527766.7 \*发明专利: 六胜款的合成方法 ZL 201210083084.0

扫码获取产品详细资料

\*以上产品为概念性产品,不作为产品实际宣传及详情员标准用词。该产品所述功效指添加上述产品(成分)的终端产品可能具有的功效,具体以 和关终端产品所添加数量以及该终期产品在注律法规范围内功效宣称为准。









#### \* 以终端灭菌锤炼重组胶原 \*

## 为无菌护肤再推科技浪潮

### 创新技术

121°

I&III双胶原

0.96:1

重组胶原 基因工程重组DNA技术 1:111型





- ☑ 紧致"
- ☑ 补水\*\*
- ☑ 提亮"
- ☑ 抗皱\*\*
- ☑ 美白\*\*







+35.78%

+49.44% 含水量"

+16.19%



扫码获取产品详细资料

及其制备方法和应用-ZL 201010527766.7

-31.35% 红区"

\* 重构核心三角区 \*

# 「提拉松弛」眼廓



- 澎弹眼底
- 紧塑眼廓



- 糖氧双抗
- 焕亮眼周







\*发明专利: 基因重组人胶原蛋白融合默段及其制备方法和应用 ZL 201010527766.7



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- \*发明专利: 一种GHK三肽的合成方法 ZL 201310751827.1
- \*发明专利: 一种重组人溶菌酶纯化方法 ZL 2017:10736505.8

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\* 给你从未有过的洁面体验 \*

## 「水感液体洁颜蜜」

水感蜜露 清透舒润

绵密泡沫 洗卸一体

CLEANSING HONEY

出水芙蓉洁颜蜜(爆水版)





"发明专利: 基因重组人股票蛋白融合款投及其制备方法和应用 ZL 201010527766.7 "发明专利: 一种重组人溶蛋酶纯化方法 ZL 201710736505.8



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# 享受云感泡芙绵柔净肤力



\*发明专利: 一种重组人溶菌酶纯化方法 ZL 201710736505.8

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### \* 1 修 2 补 3 促 生 \*

### A型重组人源化|&|||双胶原



EWG全绿



安全呵护



直播爆款

