1. Company History
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6. R&D Center
7. R&D Strategy
8. Patents
9. Main Product
10. Business Partners
11. Company Overview
INKOS Co., Ltd. is specialized in biotechnological cosmetic ingredients and provide raw materials in Korea. We pursue "Innovative Connect and Develop" to fulfill our customers needs and satisfaction. Under the slogan of “Together”, we want to share the benefits of nature over the world.

To become a Global Leader in cosmetics, food, and functional raw materials in the pharmaceutical field, INKOS Co., Ltd. obtain authorization for R&D center from Korea Industrial Technology Association in 2012, which has been operated since its foundation.

**EXTRACTION**

Whitening, anti-oxidant, improvement of wrinkle, anti-microbial, anti-inflammatory, UV cut, the analytical separation and purification.

**FERMENTATION**

Functional ingredients and cosmetics raw materials through fermentation process

**EFFICACY EVALUATION**

Studies on the separation · purification, structural analysis, quantitative analysis and physicochemical analysis for natural products and biological materials
2019.04  Participate in in-cosmetics Global, Paris as an exhibitor
2019.02  Participate in PCHi Guangzhou as an exhibitor
2018.10  Participate in in-cosmetics Asia as an exhibitor
2018.06  Participate in in-cosmetics Korea as an exhibitor
2018.04  Participate in in-cosmetics Global, Amsterdam as an exhibitor
2018.03  Participate in PCHi Shanghai as an exhibitor
2017.11  Patent registration (Ferment by noble Ferment Strain congaing procyanidins and alkaloids, 10-1796955)
2017.11  Selected Incheon Vision Corporation (Incheon Mayor Yoo JeongBok)
2017.11  Participate at in-cosmetics Asia Bangkok as exhibitor
2017.10  Published 2 poster at IFSCC Conference Seoul
2017.04  Participate at Kintex, International Cosmetic Inside Korea as exhibitor
2017.04  Participate at in-cosmetics Global London as exhibitor
2017.02  Participate at PCHi Guangzhou as exhibitor
2016.12  Patent registration (Anti-inflammatory activity of fermented Korean Wild grass extract, fermented extract useful for skin improvement, 10-1686994)
2016.11  Participate at in-cosmetics Asia Bangkok as exhibitor
2016.07  Selected to the Export Capability Building Program for High-Growth SMEs from SBC Global Cooperation Dept.,
2016.05  Moved head office and warehouse to Namdong Indus park
2016.04  Participate at Kintex, International Cosmetics Inside Korea as exhibitor
2016.03  Participate at PCHi Shanghai as exhibitor
2015.12  Winning the grand prize minor enterprisers in Incheon (Nam Sang In)
2015.11  Participate in Cosmetics Bangkok as exhibitor
2015.10  Selected Prospective Enterprise in Incheon (Incheon Mayor Yoo JeongBok)
2015.08  **Patent Pending** (Beauty expenses have Anti inflammatory, Antioxidation effect contain Rosemary, Mother chrysanthemum, Magnolia, Fallopia Japonica Extract, **10-2015-0114226**)

2015.08  **Patent Pending** (Beauty expenses and Natural Ingredient contain Soapwort, Yucca, Quillaia Extract, **10-2015-0114227**)

2015.06  **Patent registration** (Natural Preservative contain yuzu seed Extract and Manufacture method, **10-1542005**)

2015.05  **Patent Pending** (Beauty expenses, Strain inside Lactobacillus and Culture medium make Active ingredient, **10-2015-0075812**)

2015.04  Incheon Technopark BIO Center Industrial Cooperation Agreement

2015.03  Participate PCHi in Guangzhou as exhibitor

2015.03  **Patent Pending** (Beauty expenses contain Manufacture method and Natural Ingredient contain Saponine begin root of eucalyptus and Tribulus terestrosin L, **10-2015-0034874**)

2015.01  **Patent Pending** (Beauty expenses have Antioxidation, Anti-Wrinkle, Moisturize effect contain yeast and lactic-acid garmented 2 step fermentation lysate, **10-2015-0012782, 10-2015-0012856**)

2014.12  Certificate Family company with In-ha Technical College

2014.11  Participate at in-cosmetic Asia Bangkok as exhibitor

2014.08  **Patent Pending** (Beauty expenses contain culture medium of Protease, **10-2014-011545**)

2013.04  **INNOBIZ Certificate**

2013.01  Moved head office and warehouse to Songdo Smart Valley

2012.06  Founded R&D Center for functional ingredients of cosmetics

2010.04  Agreement Academic-industrial cooperation with Jeneung university

2009.08  Agreement with SCI medical bio research center in Soon Cheon Hyang University

2009.04  Agreement Academic-industrial cooperation with Daejeon health science college

2007.02  Academic-industrial cooperation with Junior-college of Incheon

2007.01  Agreement with SCI medical bio research center in Soon Cheon Hyang University

2004.03  Changed to corporate body as INKOS Co.,Ltd.

**2004.03  Founded the INKOS CO.**
Introduction of CEO

Mr. Sang-In NAM

- Former R&D team leader at LG Household & Health care and CJ
- Current adjunct professor at JEI University
- Current CEO of INKOS Co., Ltd.
Vision, Mission, and Value

● **Vision**: VISION 150 (123-150)

For a brighter future through beauty, pleasure and health

● **Mission**

Pursue change and challenge on the basis of affirmation and passion
Maximize value through profit-making development
Satisfy customer needs through new value creation
Satisfy internal employee by providing opportunity and environment

● **Value**

Honesty and Trust
Creativity and Challenge
Love (Colleague, Customer, God)
 Sale Growth

Export Country: China, Thailand, Taiwan, Philippines, Poland, Russia, South Africa, etc.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>R&amp;D Invest(%)</td>
<td>3.8</td>
<td>2.8</td>
<td>3.8</td>
<td>3.8</td>
<td>3.8</td>
<td>4.5</td>
<td>4.5</td>
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</tbody>
</table>

Annual Revenue

Million USD


4.81 6.38 8.4 8.5 8.6 8.4 11.1

CEO

Business Strategy
- HR
- Affairs
- Financial Accounting
- Business Management

Marketing
- Trade
- Marketing and conference
- Stock Management

Sales
- Domestic Sales
- International Sales

R&D Center
- Development materials
- Formulation & cosmetics research
- Quality Control process development

Manufacturing technology
- Materials
- Production
- Manufacturing technique
- Production management

Development Functional raw material
- Extraction
- Fermentation
- Separation Purification
- Development compound
- Efficacy evaluation

Formulation & cosmetics research
- New formulation development
- Final products development

Quality Control
- Quality Control
- Quality Assurance
Active EXTRACTION Technology

On the basis of traditional processing method from each region, do the research on medicinal and edible plants originated from all over the natural. Especially do the research on the extraction, separation, refinement and analysis for active ingredient such as whitening, anti-oxidant, improvement of wrinkle, anti-microbial, anti-inflammatory, UV cut, the analytical separation and purification. We commercialize extract which contains functional ingredients derived from natural and supply extract to the famous cosmetic company in domestic and overseas.

FERMENTATION Technology

We conduct microbiological fermentation research. And we produce functional food ingredients and cosmetics raw materials through fermentation process which use microorganisms. We are doing the screening of functional microbial natural products from a variety of fermented food materials, soil and then run the optimization of separation · purification process and fermentation process using the selected strain.

EFFICACY EVALUATION

We performed studies on the separation · purification, structural analysis, quantitative analysis and physicochemical analysis for natural products and biological materials. We have also systems to evaluate the efficacy of such whitening, antioxidant, anti-wrinkle, anti-bacterial, anti-inflammatory, anti-aging, etc.
Develop Differentiated Product
High functional cosmetic ingredients by using new method and new technology (BIO Conversion, Peptide syntheses, etc)

Suggest Brand Concept
Pioneer a new market based on professional experiences and innovative brand

Story Telling
Set up marketing system by making background story of new materials

Products Development Based on Customer’s Needs
Recognize customer’s needs from domestic, international clients, journal and academic material and diversify products
<table>
<thead>
<tr>
<th>No</th>
<th>Title of invention</th>
<th>Application No.</th>
<th>Patent No.</th>
<th>Product Name</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Natural preservative including citron seed extract and manufacture process</td>
<td>10-2014-0011387</td>
<td>10-1532005</td>
<td>BIORAN NP-400</td>
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<td>2</td>
<td>Culture fluid or cosmetics composition with protease</td>
<td>10-2014-0110545</td>
<td></td>
<td>BIO M-Protease</td>
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<td>3</td>
<td>Cosmetic ingredient ,which includes yeast, duo fermentation filtrate lysate and has efficacy anti-oxidant, anti-wrinkle and moisture</td>
<td>10-2015-0012782</td>
<td></td>
<td>BIO Duoferm SL</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BIO Duoferm GL</td>
</tr>
<tr>
<td>4</td>
<td>Cosmetic ingredient ,which includes yeast, duo fermentation filtrate and has efficacy anti-oxidant, anti-wrinkle and moisture</td>
<td>10-2015-0012856</td>
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<td>BIO Duoferm SL</td>
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<td></td>
<td>BIO Duoferm GL</td>
</tr>
<tr>
<td>5</td>
<td>Natural surfactant including Yucca schidigera Ortgies and tribulus terrestris and manufacture process, cosmetic ingredients including it</td>
<td>10-2015-0034874</td>
<td></td>
<td>BIORAN Saponin S</td>
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<tr>
<td>6</td>
<td>The novel strain Lactobacillus sp. Cosmetic composition containing the culture medium as an active ingredient</td>
<td>10-2015-0075812</td>
<td></td>
<td>BIO Duoferm SL</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BIO Duoferm GL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BIO Lactobacillus F</td>
</tr>
<tr>
<td>7</td>
<td>Yucca schidigera Ortgies, Saponaria officinalis</td>
<td>10-2015-0114227</td>
<td></td>
<td>BIORAN Natural S</td>
</tr>
<tr>
<td>8</td>
<td>Rosmarinus Officinalis(Rosemary), Leaf Extract, Magnolia Kobus Flower Extract, Chrysanthemum Indicum Flower Extract, Polygonum Cuspidatum Root Extract has efficacy anti-inflammatory</td>
<td>10-2015-0114226</td>
<td></td>
<td>BIORAN Infla-Care</td>
</tr>
<tr>
<td>9</td>
<td>Ferment by noble Ferment Strain congaing procyanidins and alkaloids</td>
<td>10-2016-0091829</td>
<td>10-1796955</td>
<td>BIORAN Snow SP</td>
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<td>10</td>
<td>Anti-inflammatory activity of fermented Korean Wild grass extract, fermented extract useful for skin improvement</td>
<td>10-2016-0012628</td>
<td>10-1686994</td>
<td>BIO Herb Infla F</td>
</tr>
</tbody>
</table>
Main Products

M-Hydro EG
- **INCI**: Glycereth-26
- **Efficacy**: Moisturizer
- **Feature**
  - Light feeling, Replacement of glycerin

M-Hydro BG100
- **INCI**: PEG/PPG – 17/6 Copolymer
- **Efficacy**: Moisturizer
- **Feature**
  - Improve feeling of use Moisturizer
  - Booster of solubilization
Main Products

Cinnogel CG
INCI:
Glycerin (and) Glyceryl Acrylate/Acryllic Acid Copolymer (and) Propylene Glycol

- **Efficacy**: Moisturizer, Lubricant
- **Feature**
  - Superior moisturization
  - Rheology Modifier

Cinnogel Oil
INCI:
Glycerin and Glyceryl Acrylate / Acrylic acid Copolymer, Propylene Glycol, PVM/MA Copolymer

- **Efficacy**: Moisturizer, Lubricant
- **Feature**
  - Excellent lubricity, spread ability and emolliency
  - Broad formulation compatibility
BIORAN Snow SP

- **INCI**: Piper Longum Fruit Extract, Sanguisorba Officinalis Root Extract, Lactobacillus Ferment Filtrate

- **Efficacy**: Whitening

- **Feature**
  - Patent (KR. 10-1796955)
  - Ferment by noble Ferment Strain (application for a patent)
  - Containing Procyanidins and alkaloids
  - Prevent melanin Melanin Synthesis by diverse pathway
BIORAN Infla-Care

- **INCI:**
  Magnolia Kobus Flower Extract, Chrysanthemum Indicum Flower Extract, Rosmarinus Officinalis Extract, Polygonum Cuspidatum Root Extract, Hamamelis Virginiana (Witch Hazel) Extract

- **Efficacy:** Anti-inflammatory

- **Feature**
  - Soothe Skin (Relieve itch and erythema)
  - Reduce irritation
  - Skin enhancement
  - Anti-inflammatory
BIORAN Natural Olive S

- **INCI:**
  Olea Europaea (Olive) Fruit Oil, Cocos Nucifera (Coconut) Oil, Yucca Schidigera Root Extract, Saponaria Officinalis Extract

- **Efficacy:** Natural Surfactant

- **Feature**
  - Excellent foaming ability and bubble retention
  - Excellent detergency
  - Moisturizing
  - Low skin irritation
BIORAN NP-200R

• **INCI**: Water, Glycerin, Lonicera Japonica (Honeysuckle) Flower Extract, Usnea Barbata (Lichen) Extract, Citrus Paradisi (Grapefruit) Fruit Extract, Ocimum Basilicum (Basil) Extract

• **Efficacy**: Natural Preservative

• **Feature**
  - All ingredients From nature
  - Broad spectrum of antimicrobial activity
  - Allow “No Preservative” labeling
  - Allow application a neutral or alkaline skin care
BIOelan NP-400

• **INCI:**

Citrus Junos Seed Extract, Illicium Verum (Anise) Fruit Extract, Scutellaria Baicalensis Root Extract, Citrus Grandis (Grapefruit) Fruit Seed Extract

• **Efficacy:** Natural Preservative

• **Feature**
  - Patent (KR. 10-1532005)
  - Mild irritants
  - Broad range of antimicrobial activity
  - Allow application a acidic or slightly acidic skin care
Main Products

BIO Galactomyces

- **INCI**: Galactomyces Ferment Filtrate
- **Efficacy**: Improve skin texture
- **Feature**
  - Cell regeneration
  - Prevention of wrinkle
  - Improvement of skin tone and texture
Main Products

BIO Duoferm SL

- **INCI:**
  Saccharomyces Ferment Filtrate /Lactobacillus Ferment Filtrate

- **Efficacy:** Improve skin texture

- **Feature**
  - 2 step fermentation
  - Improving skin tone
  - Whitening
  - Moisturizing
  - Cell regeneration
BIO M-Protease

- **INCI**: Protease
- **Efficacy**: Keratin removal
- **Feature**
  - Excellent effect of keratin removal
  - Long-term Stability
  - Anti-acne
  - Shorten skin regeneration cycle
  - Keep smooth skin texture
Main Products

BIORAN Scalp N

- **INCI:**
  Triticum Vulgare (Wheat) Seed Extract, Typha Orientalis Extract, Malt Extract, Panicum Miliaceum (Millet) Seed Extract

- **Efficacy:** Anti-Hair loss

- **Feature**
  - Anti-Hair loss
  - Scalp Nutrition
  - Increase of hair thickness
  - Proliferation od dermal papilla cell
R&D Center

Cooperation Research Institute

- Inchon Techno Park
- Jinju BIO industry Foundation
- Chuncheon BIO industry Foundation
R&D Center

Cooperation Research Institute
- Inchoeon Techno Park
- Jinju BIO industry Foundation
- Chuncheon BIO industry Foundation
Company Overview
Domestic Business Partners

AMOREPACIFIC CORPORATION

LG Household & Health Care

ENPRANI

Kolmar

AIC

COSMAX

한국화장품

HANKOOK COSMETICS CO.,LTD.

보령메디앙스

BORYUNG

한불화장품(주)

sOmang

Coréana

COSMECCA
International Business Partners

PUEN

YIFAN

Even-Biochemical

WATER DOCTOR

CLARIANT

Berg + Schmidt

Functional Lipids

BARENTZ

TINCI

Eunice, Inc.

INTERPOLYMER
INKOS Slogan : Together

BEING TOGETHER

WALKING TOGETHER

SHARING TOGETHER