Foundation of Korea Cosmetic Industry Institute
KCII predicts a bright future for cosmetic industry

KCII is the only existing professional research institute for cosmetics built by the Ministry of Health and Welfare, the local government (Gyeonggi-do, Osan-si) and private enterprises to improve our competitiveness in the global market and the national health.
Purpose of establishment
To improve an international competitiveness and the national health by investigating cosmetic safety, providing import-export information, researching for improvement of cosmetic quality

Main missions
- Providing information about cosmetics trading and safety research
- Supporting cosmetic R&D (Global cosmetics R&D business unit)
- R&D and commissioned quality test for cosmetic ingredients and products
- Building infrastructure of GMP & CGMP
- Training field experts
- Building a data bank of skin characteristics by country
- Other missions for globalization of cosmetic industries
Global Mission

**Vision**
- World-class cosmetics research institute leading development of cosmetic industry

**Core Value**
- Professionalism
- Publicness
- Profitability

**Medium and long-term goal**
- Policy studies empowerment and raising effectiveness
- Customized empowerment to support cosmetic enterprises
- Training field experts in cosmetic industries
- Achievement of independent management

**Promotion Strategy**
- Enhancing future-oriented research skills and capabilities on pending issues
- Take-off to the education institute for field experts
- Reinforcing cooperative network internally and externally
- Empowerment of organizational capabilities and foundation of independent management
- Strengthening customized supporting programs for cosmetic enterprises
- Training field experts in cosmetic industries
- Customized empowerment to support cosmetic enterprises
- Enhancement of independent management

Organization

**Chairman of the board**
- Board of directors
- Auditor

**President**
- Administrative office

**Steering committee**
- Export advisory committee
- Cosmetic safety review committee
- Advisory committee for data banks of skin characteristics by country
- Education committee

**Task management team**
- Evaluation management team

**Planning and information division**
- Planning and research team
- Education public relations team

**Safety evaluation team**
- Safety research team
- Quality inspection team

**Analysis and inspection center for cosmetic ingredients**

**Global cosmetics R&D business unit**
- Management support team
Greetings

The Korean cosmetic industry has an average growth rate of 10% or higher annually since 2006 but the industrial competitiveness is still weak compared to advanced countries due to its domestic demand-oriented industrial structure, poor technology competitiveness, low R&D investment, and lack of global brands.

Also, developing global competitiveness is an urgent issue due to Korea-USA FTA, Korea-EU FTA, Nagoya Protocol, and strength of Chinese trade barriers.

According to environmental weaknesses, we established an institution to perform various public services and promote exports of Korean cosmetics products in order to strengthen our competitiveness in the global cosmetic industry in 2010.

We are gathering information about the global market and in-export, managing the system for cosmetic safety, supporting cosmetic R&D, building GMP & CGMP infrastructure, training field experts, and building a data bank of skin characteristics by country.

Especially, we are assigned as the inspection institute for cosmetic products and educational institution about cosmetics by Korea Food & Drug Administration this year. We are planning to perform cosmetic quality tests accurately with state-of-the-art equipments, training the manpower at cosmetics companies for cosmetic safety, safety management after selling cosmetics products, in order for quality improvement.

We’ll take an important role to make Korean cosmetics industry to be high value-added and export-oriented industry.

In addition, we’re also planning to carry out training systems in order to cultivate marketing professionals in the cooperation with industrial and educational organizations.

KCII promises to promote various businesses so that our cosmetics industry can become a high value-added and export-oriented industry.

Shin HyunDoo, the President
Managing an integrated support center for cosmetic industry

<table>
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<tr>
<th>Gathering and analyzing information in global cosmetic market</th>
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<tr>
<td>● Cosmetic market research by country and in-depth survey of cosmetic consumer</td>
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<tr>
<td>Helping Korean cosmetic companies to export abroad successfully as providing reliable information about the current market status and the local consumers’ trend by researching major cosmetic markets such as China, ASEAN, EU, and etc</td>
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<td>● Publishing handbooks on protection of international property right, books of cosmetic regulations and guidebooks for overseas expansion</td>
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<tr>
<td>Providing various publications for global market trend regularly so that people can easily catch out global cosmetic regulations and export procedures</td>
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<tr>
<td>● Analysis of global cosmetic markets</td>
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<td>Providing global market information in timely manner so that korean cosmetic companies are able to find out the way quickly for responding to global cosmetic markets changes</td>
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<th>Building management system for cosmetic safety</th>
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<tr>
<td>● Safety evaluation of cosmetic ingredients</td>
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<tr>
<td>Performing studies of general information and safety evaluation on cosmetic ingredients which are used frequently in cosmetics</td>
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<tr>
<td>● Building databases of cosmetic regulations by country</td>
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<tr>
<td>Building regional databases of information about cosmetic ingredient regulations (incompatibility, the compatible ingredients limitedly)</td>
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Providing prompt, accurate and professional information for globalization of the cosmetic industry

Researching on cosmetic materials which are directly connected with consumer’s safety and provide the information about cosmetic safety regulations of promising countries for exports
Training field experts

Training customized field experts who will lead the cosmetic industry in the future

- **Education for manufacturers, manufacturing dealers and manufacturing sales managers**
  Imposing manufacturers, manufacturing dealers, manufacturing sales managers to acquire knowledge about cosmetics-related regulations and procedures as well as carry management competencies to secure cosmetic safety and its quality

  - **Korea FDA designated us as the educational institution about cosmetics**
    KCII was designated as the cosmetics educational institution (No.3) by Korea Food & Drug Administration on 12th Feb, 2013

- **Education for training marketing professionals in cosmetic industry**
  Managing a training program for hands-on workers and young applicant to become professional marketers in the co-operative business and academic system

Building a data bank of characterskin characteristics by country

- **Developing a standard protocol by measuring items of skin**
  Developing the protocols of 10 measurement methods including moisture content of skin surface (moisturizing), water loss at the skin surface, sebum content, elasticity, wrinkles, skin color, pH, pores, hair loss and skin sensitivity

- **Measuring domestic and foreign skin, conducting surveys**
  Providing fundamental data to develop cosmetics in accord with skin characteristics and consumer’s needs of exporting countries through surveys about skin measurement, skin troubles, use-behavior of cosmetics by standard protocols

- **Investigating research situations and cases of domestic and foreign skin characteristics**
  Investigating academic data related to domestic and foreign skin characteristics
Cosmetics quality testing

Contributing to the improvement of cosmetics quality by providing cosmetics quality testing accurately through the use of ultra modern equipments

- **Cosmetics quality testing**
  Taking professional quality tests such as common tests and contest tests for general and functional cosmetics.

- **Preliminary test for specific harmful substances**
  Carrying out preliminary tests for specific harmful substances whose regulations are tightened.

- **Education for applying analysis with the use of professional equipments**
  Educating how to use state-of-the-art instruments for rigorous analysis and test analysis method affiliated with the education of field experts.

- **R&D knowledge-based Service**
  Supporting R&D technologies to small and mid-sized cosmetics enterprises so that they develop the new cosmetics product on their own.

Having state-of-the-art quality testing equipments for rigorous analysis and physico-chemical lab equipment:

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<th>High Performance Liquid Chromatography</th>
<th>Inductively Coupled Plasma</th>
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<td>High Speed Liquid Chromatography Mass-Mass</td>
<td>Atomic Absorption Spectrometry</td>
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<td>Gas Chromatography</td>
<td>Microwave Sample Preparation</td>
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<td>Gas Chromatography Mass</td>
<td>Automatic Mercury Analyzer</td>
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<td>UV-Vis Spectrophotometer</td>
<td>X-ray Diffractometer</td>
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<td>SPF Analyzer</td>
<td>Scanning Electron Microscope</td>
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<td>Fourier Transform Infrared Spectroscopy</td>
<td>Nano Particle Size Analyzer</td>
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<td>Automatic Titrator</td>
<td>Radiation Detector</td>
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**<Appointed as the inspection agency for cosmetic products by Korea FDA>**
KCII was appointed as the inspection institution for cosmetic products (No. 16) by Korea Food & Drug Administration on 29th Jan 2013.
Analysis and education of ICP

The whole view of laboratory

Analysis and education of GC-Mass
Aiming for world-class technology competitiveness by supporting cosmetic R&D

| Global Cosmetics R&D business unit |

- **Vision and Goal**
  To leap up to 7th competitive strength till 2018 in the global cosmetics market by improving technical standards Korean cosmetics over 90% compared to advanced countries

- **Background of business promotion**
  To reinforce R&D investment to strengthen global competitiveness of Korean cosmetics industry so that our industry can cope with the changes of consumer’s trends and market changes as a result of Korea-USA FTA, Korea-EU FTA, Nagoya Protocol and Chinese trade barriers

- **Main tasks**
  - Supporting cosmetic R&D projects
  - Policy studies and planning research
  - Researching trends of the latest cosmetic technology
  - Mentoring technology workshop and filed instruction
  - Researching trends of cosmetic patents
  - Managing a exclusive patent attorney’s office
  - Investigating technical standards of cosmetics
  - International symposium (Introducing global trends of cosmetic technology and system, regulations)

- **The period of projects :** 8 years (Two stages : 4years+4years)

- **Supporting field**

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<td>R&amp;D for new global materials</td>
<td>Developing new and improved material at a global level</td>
<td>Developing and commercializing new and improved material at a global level</td>
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<tr>
<td>R&amp;D for based converging technologies</td>
<td>Developing applicable technologies to cosmetic industry by converging BT, NT, IT and etc</td>
<td>Releasing cosmetic products applying based converging technologies</td>
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<tr>
<td>R&amp;D for future promising cosmetics</td>
<td>Developing cosmetics that has a great potential for growth</td>
<td>Releasing cosmetics with innovative concepts</td>
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<td>R&amp;D for cosmetic packages</td>
<td>Establishing technologies of cosmetic packages at a global level</td>
<td>Releasing cosmetic packages at a global level</td>
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The hub of cosmetic industry stepping into the global market