At the world-class academic conference for cutting-edge cosmetics technology

POLA CHEMICAL INDUSTRIES INC. presents six papers at the 29th International Federation of Societies of Cosmetic Chemists (IFSCC) Congress

POLA CHEMICAL INDUSTRIES INC. (Headquarters: Yokohama, Kanagawa, JAPAN; President: Takao Miura), a member of the POLA ORBIS Group, presented six papers (three oral and three poster presentations) at the 29th International Federation of Societies of Cosmetic Chemists (IFSCC) Congress held in Orlando, FL, USA, from 30 October to 2 November 2016. The scientific contents of these papers will be applied to future product development by the POLA ORBIS Group.

The IFSCC is a federation of societies from 57 countries comprising some 15,000 members. It is the most influential academic society for engineers and researchers in the field of cosmetics. Many of the papers that have won IFSCC awards have described cutting-edge technologies that were subsequently applied to cosmetics, and this has supported the development of the cosmetics market. The IFSCC Congress is held once every 2 years, on even-numbered years, and interim Conferences are held on odd-numbered years.

At the 28th Congress held in Paris in 2014, Ms. Haruka Goto, a researcher at POLA CHEMICAL INDUSTRIES INC., took the IFSCC Best Oral Presentation Award (Basic Research) for her research paper presentation titled, Antimicrobial peptide human beta defensin-3 [hBD-3] as a key factor for acne flare-up during the premenstrual stage. POLA CHEMICAL INDUSTRIES INC. also won an award in the oral presentation category at the interim Conference in 2015.

To date, POLA CHEMICAL INDUSTRIES INC. has won eight IFSCC awards, which ranks second worldwide.

**Oral presentations**

1. Title of paper: Subcutaneous tendon cells, a newly discovered player for improving facial sagging  
   Presenter: Aya Sakata, Dermatological R&D, Skin Research Department

2. Title of paper: New formulation technique to promote high-molecular-weight hyaluronic acid penetrating into the skin without injection  
   Presenter: Ryota Hayashi, Skincare Products R&D, Products R&D Department

3. Title of paper: A technique for formulating natural/organic cosmetic emulsions for improving their sensory textures and functions  
   Presenter: Atsushi Nioh, Skincare Products R&D, Products R&D Department

**Poster presentations**

4. Title of paper: Cell-fate-alteration-induced rejuvenation of senescent cells by manipulating long non-coding RNA  
   Presenter: Kazuyuki Yo, Dermatological R&D, Skin Research Department

5. Title of paper: Basket-weave stratum corneum as a key to awakening skin physiological functions by simple emulsion bases  
   Presenter: Haruka Goto, Applied Skin Analysis, Skin Research Department

6. Title of paper: Development of new “sea-friendly sunscreens” whose functions are enhanced with seawater  
   Presenter: Akihiro Nakatani, Make-up Products R&D, Products R&D Department

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