



SUMMARY OF THE 2019 IFSCC CONGRESS POSTER SESSIONS DEDICATED TO THE IN VIVO, IN SILICO, IN VITRO, EX VIVO TESTING AND EVALUATION OF THE SKIN

1. IN VIVO EVALUATION

7

A Methodology Study on the Patch Test for Safety Assessment of Botanical Ingredients

Yuhong Liu (Beijing Academy of TCM Beauty Supplements)

Session : Mars Session (Ingredients) , Venus Session (Wellness)

15

A Novel Non-destructive Ceramides Quantification Method Using Polarizing Microscope Images of Stratum Corneum

Naoki Asada (KOBAYASHI Pharmaceutical Co., Ltd.)

Session : Saturn Session (Quality)

61

Application of Reflectance Confocal Microscope for Evaluation of lightening and Moisturizing Efficacy of Cosmetics: A New Perspective of Expanded Performance Analysis of Products

Silas Arandas Monteiro e Silva (Natura - Innovation and Claim Support Department)

Session : Mercury Session (Cosmetic Formulations) , Pluto Session (Futurland) , Mercury Session (Cosmetic Formulations)

64

Atomic force microscopy as a state-of-the-art methodology to understand the skin biomechanical properties

Marie Meunier (Givaudan France)

Session : Pluto Session (Futurland)

74 #Public Research Testing Lab

CAN MAKEUP CHANGE THE SURFACE TEMPERATURE OF THE FACE ANALYZED BY THERMAL IMAGES?

Gislaine Ricci Leonardi (Faculdade de Ciências Farmacêuticas, Universidade Estadual de Campinas (UNICAMP), Campinas, Brasil)

Session : Mercury Session (Cosmetic Formulations)



75

Can our emotions be used to evaluate the sensory feeling of cosmetic textures during application on skin?

Patrice Bellon (SYMRISE)

Session : Pluto Session (Futurland)

86 #Public Research Testing Lab

Clinical efficacy of whitening cosmetic formulations containing natural active substances by Reflectance Confocal Microscopy

Gabriela Maria D'Angelo Costa (School of Pharmaceutical Sciences of Ribeirão Preto – University of Sao Paulo, Brazil.)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Mother Earth (Gaia) Session (Sustainability)

87

Combination of in silico, in vitro and in vivo studies to demonstrate a new epigenetic mechanism linked to pigmented spots

BENVEGNUM (BASF BCS)

Session : Mars Session (Ingredients)

88

Combining instrumental and perceived efficacy: the booster effect measurement of a face serum

Alessia Costantini (Unired Srl)

Session : Neptune Session (Sensory)

89

Combining two biophysical techniques to substantiate the anti-aging claims of skin care products

Jean Doucet (Novitom)

Session : Saturn Session (Quality) , Venus Session (Wellness)

93

Consistency between in-vitro and in-vivo sunscreen SPF determination

Zhen-juan Jiang (Shanghai Jahwa United Co.,Ltd)

Session : Uranus Session (Bioimitation) , Neptune Session (Sensory) , Saturn Session (Quality)

125

Efficiency Evaluation of Cosmetic Ingredients in Improving Skin Hydration

Yuhong Liu (Beijing Academy of TCM Beauty Supplements)

Session : Mars Session (Ingredients) , Mercury Session (Cosmetic Formulations) , Saturn Session (Quality)

127

Enhanced sleep beauty ritual with long-lasting fragrance: neuro-sensory assessment of the relaxation effects of yuzu essential oil

Gusang Kwon (Amorepacific R&D Center, Yongin-si, Gyeonggi-do 17074, Republic of Korea)

Session : Neptune Session (Sensory)

137

Evaluation of eyelash nutritional supplements using the novel evaluation method

Hye Rim Kim (AmorePacific)

Session : Saturn Session (Quality)





139 #Testing Lab

Evaluation of human electroencephalogram change for sensory effects of arousal fragrance inhalation

Keun Hyung Park (IEC Korea)

Session : Neptune Session (Sensory)

161

Genome-Wide Association Study of Facial Skin Characteristics in a Large Korean Population

Kyung-Won Hong (Theragenetex Bioinstitute Co. Ltd.)

Session : Mother Earth (Gaia) Session (Sustainability) , Mercury Session (Cosmetic Formulations), Venus Session (Wellness)

168

How to determine your skin type with ancient wisdom of "balance"philosophy

Lu Nan (Shanghai Pechoin)

Session : Venus Session (Wellness) , Pluto Session (Futurland) , Saturn Session (Quality)

177

Influence of Equilibrium Time and Different Sites on Skin Transepidermal Water Loss

Yuhong Liu (Beijing Academy of TCM Beauty Supplements)

Session : Saturn Session (Quality)

181 #Testing Lab

INNOVATIVE IN VIVO AND EX VIVO METHODOLOGIES FOR NAILS' ANALYSIS

Ana Luísa Fonseca (inovapotek, Pharmaceutical Research & Development)

Session : Saturn Session (Quality) , Venus Session (Wellness)

183

Innovative protocol using a smart biometric technology to measure controlled self-heating sensation of a warming active ingredient on consumers

Celine Carrasco (SYMRISE)

Session : Pluto Session (Futurland)

184#Public Research Testing Lab

Introduction of "skin hydration-debt" concept for skin hydration evaluation by water-drop contact angle measurement

Daive Rossi (1Development Cooperation – BAZH.I NGO, Maserada Sul Piave, Treviso, Italy, 2Department of Pharmaceutical and Pharmacological Sciences, Padua University)

Session : Saturn Session (Quality)

142

Evaluation of the cosmetic efficacy in the treatment for skin hyperpigmentation by image analysis and subjective analysis of clinical efficacy

Silas Arandas Monteiro e Silva (Natura Inovação e Tecnologia de Produtos Ltda)

Session : Mercury Session (Cosmetic Formulations)

143

Evaluation of the influence of infrared ray on the skin aging, and effective control application technology of infrared ray to cosmetics

Tomo Abe (Central Research Center, Toyo Beauty Co., Ltd.)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients)



149

Eyebrow Quantification to Understand the Eyebrow Morphology and Habits of Four Ethnicities of Female Consumers

Mehdi Doumi (L'Oreal Research and Innovation, USA)

Session : Pluto Session (Futurland) , Neptune Session (Sensory) , Uranus Session (Bioimitation)

152 #New

Fast non-invasive in vivo measurement of Sun Protection Factor with new Diffuse Reflectance Spectroscopy device

Georg Wiora (Courage + Khazaka electronic GmbH, Köln, Germany)

Session : Saturn Session (Quality) , Pluto Session (Futurland)

153 #Public Research Testing Lab

FILM-FORMING EFFECT: CORRELATION BETWEEN INSTRUMENTAL MEASUREMENTS AND SENSORY ANALYSIS IN THE DEVELOPMENT OF COSMETIC FORMULATIONS

Patrícia Maria Berardo Gonçalves Maia Campos (School of Pharmaceutical Sciences of Ribeirão Preto – University of Sao Paulo, Brazil.)

Session : Mercury Session (Cosmetic Formulations) , Neptune Session (Sensory) , Mars Session (Ingredients)

155

First signs of decrease in tactile acuity and finger skin neuronal activity are observed from young ages

C. EL RAWADI (L'Oréal Research & Innovation)

Session : Neptune Session (Sensory) , Venus Session (Wellness)

219 #Testing lab

Photocatalytic reactions in cosmetic skin care and sunscreen products: the consequences of free radical reactions for the skin

Katinka Jung (**Gematría Test Lab** GmbH)

Session : Mercury Session (Cosmetic Formulations) , Saturn Session (Quality) , Mars Session (Ingredients)

231

Proposal for Personalized Consultation to Predict Future Skin Conditions Using Skin Transition Patterns: Exploring “My Very Own Skincare”

Kanako Kaneko (Shiseido Global Innovation Center)

Session : Venus Session (Wellness)

239

PSYCHOBIOLOGICAL APPROACH FOR A POSITIVE SKIN AGING : TARGET SENESCENCE CELLS TO BOOST EMOTION

Marion NAPOLI (GREENTECH)

Session : Venus Session (Wellness) , Mars Session (Ingredients)

243 #Public Research Testing Lab

REFLECTANCE CONFOCAL MICROSCOPY AS A TOOL TO STUDY SOLAR MELANOSIS AND IMPROVE THE DEVELOPMENT OF COSMETICS

Patrícia M. B. G. Maia Campos (School of Pharmaceutical Sciences of Ribeirão Preto - University of São Paulo)

Session : Venus Session (Wellness) , Pluto Session (Futurland)



Testing Sourcing for Cosmetics



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Restore weakened and damaged skin via epigenetic regulation

Pei-Hsuan Wu (Corum Inc.)

Session : Pluto Session (Futurland) , Mars Session (Ingredients) , Venus Session (Wellness)

258 #Public Research Testing Lab

Skin moisture evaluation research through setting similar dry condition

Ji-hyun Kim (Seowon Skin Research Center, Seowon University, Cheongju, Korea)

Session : Venus Session (Wellness) , Saturn Session (Quality) , Mother Earth (Gaia) Session (Sustainability)

260 #Public Research Testing Lab

Skin pHmetry profile of Brazilian women of phototype III in different age groups

Silas Arandas Monteiro e Silva (Departamento de Medicina - Universidade Federal de São Paulo)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Neptune Session (Sensory)

261 #testing lab

Skin profiling reveals lipidomic pattern in functional skin parameters for cosmetics

Christian Klose (Lipotype GmbH)

Session : Saturn Session (Quality) , Venus Session (Wellness) , Mars Session (Ingredients)



310 #Testing lab

Variation of Biophysical Parameter with Skin Aging from Distinct Geographic Locations in South Korean and Chinese women

Eunyoung Lee (Skin Research Institute, Institut d'Expertise Clinique (IEC) Korea

Session : Saturn Session (Quality)

313 #New

Visualization of the oxidation status of skin by ultra-weak photon emission imaging - Evaluation of chronic oxidation of whole face skin-

Katsuhiko Tsuchida (Shiseido Global Innovation Center, Yokohama)

Session : Venus Session (Wellness) , Pluto Session (Futurland)

315

Why Does Facial Expression Make Skin Wrinkles? ~A final answer how smile induces wrinkles~

Kazuyuki Yo (POLA Chemical Industries, Inc)

Session : Venus Session (Wellness) , Mars Session (Ingredients) , Saturn Session (Quality)

319 #Public Research Testing Lab

Cutaneous investigations using spectrometric tools

Ghita Touti (Laboratoire de Chimie, Biologie des Membranes et des Nano-objets (CBMN), UMR CNRS 5248, Université de Bordeaux, Allée Geoffroy Saint-Hilaire, Bat B14, 33607 Pessac, France 2Ceva Santé Animale, 10 avenue de la Ballastière, 33500, Libourne, France)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients)



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2. ANTI-POLLUTION OBJECTIVATION VIVO&VITRO

34 #Testing Lab

Adhesion of pollution particles on the skin

CALIXTO LS (URCOM - Université Le Havre Normandie)

Session : Pluto Session (Futurland) , Uranus Session (Bioimitation)

117

Effect of environmental stress combined with “daily life stress” on skin aging - development of 3D skin reconstructed models

Celine Meyrignac (Ashland, Global Skin Research Center, Sophia-Antipolis, France)

Session : Pluto Session (Futurland) , Mars Session (Ingredients)

141

Evaluation of the Anti-pollution and hydrating Effects of SYN BIOTICS (PRE)

Yoon Ju Jeong (Creatvie Innovation Research Center)

Session : Mars Session (Ingredients) , Mars Session (Ingredients) , Mars Session (Ingredients)

150

Facial cleansing with cotton pads reduces fine-dust-pollution-induced stress: anti-pollution solution study with a sensory-enriched environment

Gusang Kwon (Amorepacific R&D Center, Yongin-si, Gyeonggi-do, Korea)

Session : Neptune Session (Sensory) , Venus Session (Wellness)

200

NEW EX VIVO HUMAN SKIN MODEL TO EVALUATE AIR POLLUTION-INDUCED OXIDATIVE STRESS AND ITS PREVENTION

G. Schmaus (Symrise AG)

Session : Pluto Session (Futurland) , Mars Session (Ingredients)

241

Radical hair protection factor: new characterization of hair treatment system containing an antipollution complex and brazilian biodiversity oils

Joeni Wada (Natura Inovação - Development of Product Formulations -Cajamar / SP, Brazil.)

Session : Mercury Session (Cosmetic Formulations)

284

The effects of long-term exposure to blue light (456 nm) on skin

Hong Li Jo (AmorePacific)

Session : Saturn Session (Quality) , Jupiter Session (Manufacturing) , Mars Session (Ingredients)

308 #Testing Lab

UV radiation induced hair follicle damage ex vivo: human full-thickness scalp skin organ culture as a model to investigate the UV protective effect of cosmeceuticals

M. Bertolini (Monasterium Laboratory GmbH, Muenster, Germany)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients)





3. HAIRCARE EVALUATION EX VIVO & IN VIVO

6 #Testing Lab

A discovery journey in cosmetically applied chemosensation biology: The OR4AT4 agonist, Sandalore®, promotes human scalp hair growth ex vivo and in vivo

Marta Bertolini (Monasterium Laboratory, Skin and Hair Research Solutions GmbH)

Session : Mercury Session (Cosmetic Formulations) , Neptune Session (Sensory)

235

A new in-vivo model to evaluate the impact of pollution on scalp skin

Xiaomin Zhao (Ashland LLC, Shanghai Technical Center, China)

Session : Mars Session (Ingredients)

112 #Public Research Testing Lab

Diversity of human hair nanostructure within a straight and curly single hair fibers

Sabatier Laura (University Paris Sud, Paris 11, Laboratoire de Physique des Solides, 91405 Orsay (France))

Session : Uranus Session (Bioimitation)

135

Evaluation of a combination of botanical extracts designed to protect hair and scalp from air pollutants: in vitro and clinical studies

A. Perrin (Ashland Global Skin Research Center, Sophia-Antipolis, France)

Session : Mars Session (Ingredients) , Uranus Session (Bioimitation)

144 #Testing Lab

EX VIVO SILICONE QUANTIFICATION ON HAIR TRESSES

Ana Luísa Fonseca (inovapotek, Pharmaceutical Research & Development)

Session : Venus Session (Wellness) , Saturn Session (Quality)

166

Hair exposome: photodegradation and photoprotection of hair – understanding of the impacts of sun and aerial pollutants on hair characteristics

Anthony Galliano (LOREAL R&I / France)

Session : Venus Session (Wellness) , Saturn Session (Quality)

186 #New

Kinetic study of scalp sensitivity symptoms that occur on the scalp of African women during three weeks, after a single wash using a neutral shampoo

P.Sewraj (L'Oréal, South Africa)

Session : Moon Session (Microbiome and Microbiology)

188 #Testing Lab

Lipidomic analysis of microdissected organ-cultured hair follicle ex vivo

Janin Lehmann (Monasterium Laboratory GmbH, Muenster, Germany)

Session : Mercury Session (Cosmetic Formulations) , Pluto Session (Futurland)





207

Novel lab-free observation technology paves the way for a new anti-aging solution by focusing on the capillary in the papillary dermis.

Junichi Mori (R&D Management Headquarters, Fujifilm Corporation)

Session : Saturn Session (Quality)

240 #Public Research Testing Lab

Quality of life assessment in patients with alopecia areata in Antananarivo, Madagascar.

Sendrasoa Fandresena Arilala (Department of Dermatology, University Hospital Joseph Raseta Befelatanana, Antananarivo, Madagascar.)

Session : Venus Session (Wellness)

247

Research on shape change caused by bleached treatment of naturally curly hair

Teppei Nawa (Hoya Co., Ltd.)

Session : Venus Session (Wellness) , Mars Session (Ingredients)

280

THE EFFECT OF FORMALDEHYDE ON MECHANICAL PROPERTIES OF HAIR FIBERS

Nathália Ferro de Oliveira (LOREAL R&I / Rio de Janeiro / Brazil)

Session : Venus Session (Wellness) , Saturn Session (Quality)

281 #testing Lab

The Effect of Internal Stress Concentrators on the Fatigue Behaviour of African Hair

Dr Rebecca Lunn (Dia-Stron Ltd)

Session : Saturn Session (Quality) , Venus Session (Wellness) , Mars Session (Ingredients)

302 #Testing Lab

TRACKING HAIR DAMAGE INDUCED BY CHEMICAL, HEAT, UV AND POLLUTION EXPOSURE WITH CUTTING-EDGE TECHNOLOGIES

Ana Luísa Fonseca (inovapotek, Pharmaceutical Research & Development)

Session : Venus Session (Wellness) , Saturn Session (Quality)

4. MICROBIOME TESTING

4 #Testing Lab

A Clinical Study Evaluating Product Effects on Facial Skin Micro Flora Utilizing 16S Ribosomal RNA (rRNA) Sequencing

Stephen Schwartz (IRSI)

Session : Moon Session (Microbiome and Microbiology) , Mercury Session (Cosmetic Formulations) , Saturn Session (Quality)

36

Age-related changes in the distribution of Caucasian women's skin bacterial communities

Pauline Rouaud-Tinguely (SILAB, R&D Department, Brive, France)

Session : Moon Session (Microbiome and Microbiology)



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EFFECTIVENESS OF BIOTECHNOLOGICAL ACTIVE INGREDIENT FOR COSMETICS, TARGETING SKIN MICROBIOTA PROTECTION

Federica Carlomagno (ROELMI HPC)

Session : Moon Session (Microbiome and Microbiology) , Moon Session (Microbiome and Microbiology) , Moon Session (Microbiome and Microbiology)

163

Going ex vivo - applying a representative model for the human axillary microbiome

Steffen Nordzicke (Symrise AG, Global Innovation Cosmetic Ingredients, Microbiology)

Session : Moon Session (Microbiome and Microbiology)

178

Influences of cosmetics on the skin microbiota diversity and skin barrier function

QI PEIJIN (JALA Group Co.)

Session : Moon Session (Microbiome and Microbiology)

185 #Public Research Testing Lab

Investigation of age-related changes in the skin microbiome of Korean people

Minseok Kim (Department of Animal Science, Chonnam National University, Gwangju 61186, Korea)

Session : Moon Session (Microbiome and Microbiology)

227

Prebiotic make-up: self-preserving natural foundation that boosts the skin microbiota

Ilaria Faccini (Intercos S.p.a. Research & Innovation Dept)

Session : Moon Session (Microbiome and Microbiology) , Mercury Session (Cosmetic Formulations) , Uranus Session (Bioimitation)

229 #Testing Lab

Profiling TLR agonist activity in keratinocytes and link to bacteria-induced innate immunity activation

Sevda Cordier-Dirikoc (Bioalternatives)

Session : Moon Session (Microbiome and Microbiology)

236

Protective action against deleterious effects of Cutibacterium acnes secretome on a model of reconstituted epidermis

Cecile Bize (SEPPIC)

Session : Moon Session (Microbiome and Microbiology) , Mars Session (Ingredients)

244 #Testing Lab

Regulation of hair follicle microbiome by olfactory receptor (OR)-dependent chemosensation: Activation of OR2AT4 leads to increased production of the antimicrobial peptide dermcidin in human hair follicle epithelium

Marta Bertolini (Monasterium Laboratory GmbH, Muenster, Germany)

Session : Moon Session (Microbiome and Microbiology)

252

Sensitive skin: an insight in microbiota composition and comparison with microbiota of normal skin

Cyrille Jarrin (Givaudan France SAS)

Session : Moon Session (Microbiome and Microbiology)



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255

Shifts in the skin microbiome associated with eczema and emollient treatment among infants and toddlers in China

Yuanyuan Chen (Shanghai Jahwa United Co., Ltd)

Session : Moon Session (Microbiome and Microbiology)

287

The role of resident microbiome in the onset of skin sensitivity

Kenji Shinohara (Beauty Care Laboratory, Kracie Home Products, Ltd.)

Session : Moon Session (Microbiome and Microbiology)

5. IN VITRO EVALUATION GENERAL TOPICS



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3D scaffold free micro-dermis model: an innovative tool to explore dermal matrix remodeling

Elisa Caviola (VitroScreen Srl)

Session : Uranus Session (Bioimitation)

12 #Testing Lab

A new way to investigate the collagen glycation process through its optical properties

PENO-MAZZARINO L. (Laboratoire BIO-EC)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Pluto Session (Futurland)

33 #Testing Lab

Acne and seborregulation: New insights from primary sebocytes

Swathi Bisana (GENEL)

Session : Saturn Session (Quality) , Pluto Session (Futurland)

35 #Public Research Testing Lab

Advanced analytical approach for evaluating differentially regulated pathways induced by endogenous compounds and cosmetic ingredients on human dermal fibroblasts

Giovanna Baron (Università degli Studi di Milano)

Session : Saturn Session (Quality)

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AN IN VITRO METHOD OF BIOCOMPATIBILITY AND BIOFUNCTION EVALUATIONS FOR SHEET MASK FABRICS

DanDan Jiang (JALA R&D Centre)

Session : Uranus Session (Bioimitation) , Saturn Session (Quality)

65

Atrophic 3D skin equivalent model to study skin regeneration despite stress condition

HAJEM Neïla (Alès Groupe)

Session : Uranus Session (Bioimitation) , Venus Session (Wellness) , Mars Session (Ingredients)



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Characterization of Pigmentation of an In Vitro Reconstructed Human Pigmented Epidermis
F. INNAMORATO (EPISKIN)

Session : Mars Session (Ingredients) , Uranus Session (Bioimitation) , Mercury Session (Cosmetic Formulations)

102 #Public Research Testing Lab

Development and in vitro efficacy evaluation of silk-sericin-microparticle-based trichological formulations

Elena Ugazio (Dipartimento di Scienza e Tecnologia del Farmaco, Università di Torino, Turin, Italy)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Venus Session (Wellness)

121

Effects of an anti-acne active complex on sebum production in culture of human sebocytes

Maurizio Mercuri (Mantecorp Skin Care)

Session : Venus Session (Wellness) , Uranus Session (Bioimitation) , Mercury Session (Cosmetic Formulations)

123 #Public Research Testing Lab

Effects of thermal spring water formulation on skin absorption of Calcium and Magnesium cations

Małgorzata Tarnowska (Univ. Lyon, Université Claude Bernard Lyon 1, ISPB, Laboratoire de Dermopharmacie et Cosmétologie, Laboratoire d'Automatique, de Génie des Procédés et de Génie Pharmaceutique, UMR CNRS 5007, 69622 Villeurbanne, France)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients)

124 #Public Research Testing Lab

Efficacy of a combination of bakuchiol and vanilla tahitensis extract to prevent skin photoaging in vitro and to improve clinical outcomes for naturally aged skin

D. Bacqueville (Department of Pharmacology, Pierre Fabre Dermo-Cosmétique, Toulouse, France)

Session : Mars Session (Ingredients) , Venus Session (Wellness)

132

Epochal 3D skin model for exploring human aging: Beyond the genetic background

Takashi Teramura (KOSÉ Corporation)

Session : Pluto Session (Futurland) , Uranus Session (Bioimitation) , Venus Session (Wellness)

133

Establish in vitro test strategy for searching synergistic effects of herbal medicines : Proof of efficacy of Sui Yang Di-Houngong-Mianbai san (隋煬帝後宮面白散)

CHEN BIN (SHANGHAI PECHOIN DAILY CHEMICAL)

Session : Mars Session (Ingredients) , Mercury Session (Cosmetic Formulations) , Saturn Session (Quality)

134 #Public Research Testing Lab

Evaluating Delivery of Cosmetic Actives into skin using physical enhancement technologies on the Franz cell Model

Pooja Bakshi (Department of Pharmaceutical Sciences, College of Pharmacy, Mercer University, Atlanta, GA 30341)

Session : Mercury Session (Cosmetic Formulations) , Pluto Session (Futurland) , Uranus Session (Bioimitation)





136

Evaluation of an extract of Pogostemon cablin (patchouli) on the cannabinoid receptor CB2 and associated reduction of skin discomfort sensation

C. Gondran (Ashland, Vincience, Global Skin Research Center, Sophia-Antipolis)

Session : Venus Session (Wellness) , Mars Session (Ingredients) , Mother Earth (Gaia) Session (Sustainability)

148 #Testing Lab

Exploring the anti-aging and anti-cytotoxicity properties of the cosmetic agent theophylline in human skin ex vivo

M. Bertolini (Monasterium Laboratory GmbH, Muenster, Germany)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients)

169

Humidity-dependent ex vivo corneocyte maturation and the importance of transglutaminase activity

Dilek Guneri (MSc.)

Session : Venus Session (Wellness) , Uranus Session (Bioimitation) , Mercury Session (Cosmetic Formulations)

192

Mitophagy Efficiency Index is a reliable and affordable manner to measure cellular senescence.

Nicolas Prevot (Codif International)

Session : Pluto Session (Futurland) , Mars Session (Ingredients) , Moon Session (Microbiome and Microbiology)

193

MODULATION OF CELL-TO-CELL COMMUNICATION IN SKIN BY A NOVEL PEPTIDE INCREASES SKIN BRIGHTNESS

Ariadna Grau-Campistany (Lipotrue S.L.)

Session : Venus Session (Wellness) , Pluto Session (Futurland) , Mars Session (Ingredients)

194 #Public Research Testing Lab

Modulation of skin barrier protein expression and anti-inflammatory by Docosahexaenoic acid (DHA) in vitro

Tinghan Jia (Pigeon Maternal & Infant Skin Care Research Institute)

Session : Mars Session (Ingredients) , Pluto Session (Futurland) , Mercury Session (Cosmetic Formulations)

195

Modulation of skin pigmentation by keratinocytes-melanocytes cross-talk, highlighted by exosome-mediated communication

Yicheng XU (BIOCOSMETHIC, Bonnelles, France)

Session : Mars Session (Ingredients) , Pluto Session (Futurland) , Venus Session (Wellness)

196

Monitoring Penetration of Target Specific Active Ingredients by Using a Microdialysis Depth Profiling Approach

Markus Lubda (Merck KGaA)

Session : Mars Session (Ingredients) , Mercury Session (Cosmetic Formulations) , Neptune Session (Sensory)



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201

New insights on the role of adipose tissue by using 3D scaffold free organoids

Marisa Meloni (VitroScreen Srl)

Session : Uranus Session (Bioimitation)

206

Novel imaging method to evaluate MMP-12 inhibitors in primary human fibroblasts in-vitro

Eliane Wandeler (DSM Nutritional Products Ltd.)

Session : Mars Session (Ingredients)

211 #Public Research Testing Lab

Nrf2-mediated defense mechanisms against PM-induced oxidative stress in keratinocytes.

Kitae Kwon (SUNGKYUNKWAN UNIVERSITY Integrative Biotechnology)

Session : Venus Session (Wellness) , Mars Session (Ingredients)

215

Permeation kinetics of actives through lanoline-based artificial membrane

Cristina Alonso (IQAC-CSIC)

Session : Uranus Session (Bioimitation)

217

Phosphatidylinositol-rich Liposomes Enhance Hyaluronic Acid Synthesis in the Keratinocytes Through EGFR Signaling and Increase Skin Moisture

Yoko Niki (Nippon Fine Chemical Co., Ltd.)

Session : Mars Session (Ingredients)

218 #New

Photo-aging Evaluation - In vitro Collagen Density Assessment with Multi-Photo Microscopy

Yang Liu (L'Oreal Research & Innovation China, Pudong, Shanghai/Pudong, China)

Session : Pluto Session (Futurland)

230

PROMOTION EFFECTS OF DRAGON'S BLOOD COMPLEX ON MITOCHONDRIAL NETWORK AND BIOENERGETICS IN NORMAL HUMAN SKIN CELL

DanDan JIANG (JALA R&D Centre)

Session : Uranus Session (Bioimitation)

245

REJUVENATION MicroRNAs: THE ROLE OF EPIGENETIC IN THE GENE REGULATION OF CUTANEOUS AGING

Lilian Mussi (CHEMYUNION LTDA.)

Session : Pluto Session (Futurland)

256

Shotgun Proteomics for the Identification of Novel Skin Fibroblasts Senescence Proteins

Greg Som (Merck KGaA and Technische Universität Darmstadt, Darmstadt, Germany)

Session : Pluto Session (Futurland)



Testing Sourcing for Cosmetics



266

Study of the dermo-epidermal junction of human skin in bioengineered skin models

C PLAZA (Ashland, Global Skin Research Center, Sophia-Antipolis, France)

Session : Pluto Session (Futurland) , Uranus Session (Bioimitation)

267

Study of the impact of skin microcirculation on primary dermal fibroblasts in response to inflammatory stress

Linan Li (Infinitus Company Ltd)

Session : Venus Session (Wellness)

268

Study of the silencing of a combination of genes involved in cellular senescence in 3D skin bioengineered models

C. CAPALLERE (Ashland, Global Skin Research Center, Sophia-Antipolis, France)

Session : Pluto Session (Futurland) , Uranus Session (Bioimitation)

269

STUDY OF THE SYNERGIC EFFECT OF A SKIN CARE ACTIVE INGREDIENT IN COMBINATION WITH LED INSTRUMENT AND NUTRITIONAL SUPPLEMENT ON FULL-THICKNESS PIGMENTED SKIN MODEL

Liu Xiaoying (Infinitus Company Ltd)

Session : Mars Session (Ingredients)

270

Study of ultra-fine emulsion applied microorganism fermented glycolipid based emulsifier on epidermal penetration and cosmetic efficacies

Sunhang JANG (Kolmar Korea)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Jupiter Session (Manufacturing)

286 #Public Research Testing Lab

The protective effect of NPC in human epidermal keratinocytes through Nrf2/HO-1 regulation

Jia-Wei Shen (Department of Cosmeceutics, China Medical University, Taichung, Taiwan)

Session : Venus Session (Wellness)

300

The wound healing effect of allantoin complex in a skin equivalent model

Paulo A. MARINHO (R&D Center, AmorePacific Corporation)

Session : Mars Session (Ingredients)

303

Turning on the lightening genes to regulate skin color: Melasolv, a promising cosmetic compound

Paulo A. MARINHO (Amore Pacific)

Session : Mars Session (Ingredients) , Mercury Session (Cosmetic Formulations)

311 #Testing lab

Vegan Testing for Cosmetics: Antioxidant Activity

Carol Treasure (XCellR8)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Pluto Session (Futurland)





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312 #Testing lab

Vegan Testing for Cosmetics: Skin Mildness

Carol Treasure (XCellR8)

Session : Mercury Session (Cosmetic Formulations) , Mars Session (Ingredients) , Pluto Session (Futurland)

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Wound Healing capabilities of keratinocytes derived iPS cells.

Carine NIZARD (LVMH Research, Saint Jean de Braye, France)

Session : Uranus Session (Bioimitation) , Mars Session (Ingredients)

321#Testing Lab

Evaluation of TRPV1 Activity to Assess the Eye Stinging Potential of Cosmetic Formulations

Brent Gilbert (Institute for In Vitro Sciences, Inc.)

Session : Neptune Session (Sensory) , Pluto Session (Futurland) , Mother Earth (Gaia) Session (Sustainability)



Testing Sourcing for Cosmetics