



We are testing\*  
by skinobs

in-cosmetics™  
asia

## Testing trends and innovations at in-Cosmetics Asia

November 16th 2023

Anne Charpentier  
CEO of Skinobs

Romain PRZYIEMSKI - Anastasia Takahashi  
Syres Singapore



1

## List of exhibitors

### Clinical testing

Dermaproof Asia [th]  
Sequential [sg]  
DermScan Asia [th]  
**SYRES [sg]**

### Preclinical testing

Revivo Biosystems  
[Singapore]

### Preclinical & Clinical testing

**Complife [it]**  
**Dermaclaim [sp]**  
P&K Korea  
**Zurko Research [sp]**

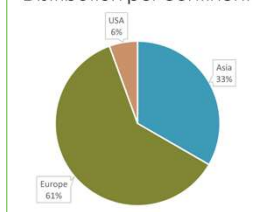
### Instrumentation

**MIRAVEX [ir]**  
CANFIELD [us]  
  
**Chemico Thailand**  
BIOX SYSTEM [uk]  
CORTEX [Danemark]  
**HELIOSCREEN [fr]**  
**MIRAVEX [ir]**  
  
**Barentz thailand**  
Delfin [fi]  
  
**Namsiang Thailand**  
**C+K [de]**  
**EOTECH [fr]**

### LOCAL TESTING LABORATORIES

Thaïlande  
Korea  
Singapore  
China

Distribution per continent



SKINOBS PARTNERS

Our apologies in advance for the ones we may have missed!



2

2

## Testing & Lab Zone Distribution per territory

**32 countries represented**

Evaluation managers from the Southeast Asian area coming mainly from

- Thailand,
- Japan,
- China,
- Vietnam,
- Malaysia,
- Korea,
- Indonesia,
- India,
- Australia
- Mongolia!

Total attendees : >12,000

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3

3

## Context of evaluation projects in Asia

Remarkable points comparison to European markets

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- UV
- Pollution
- Sebum
- IA
- Regulation
- “China”

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Microbiome

Vegan

CBD

Nomad

Inclusivity

In-vitro

Environmental changes

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4

**Table of content**

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asia**

- #1 Well-being & skin structure
- #2 Sensitive skin & defenses
- #4 Haircare & skinification

**Consumer expectations**

**Active trends**

**Brands competition**

**Regulation standards**

**Testing Innovations**

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5

5

**#1**

**Well-being & skin structure**

- Tolerance
- Sebum & prone to acne skin
- UV and Sun protection

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6

6

# #1 Tolerance

Examples of CROs among other...



- Tolerance

Patch-test  
HRIPT  
Use test...



- Consumer testing

Beauty routine  
In situ testing



- Sensory analysis with expert or naïve panels

Focus group



- Tests in China

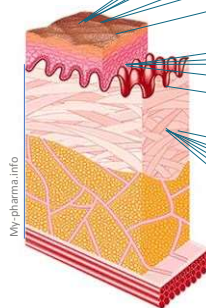


Patch-test  
Use test...



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# #1 Pollution & Anti-aging



- pH
- Microbiota
- TEWL
- Complexion, radiance, gloss
- Imperfections
- Color
- Strengthening of the barrier function
- Renewal
- Sebum and lipids
- Moisturizing
- Strengthening of the epidermal junction
- Lifting, resculpting, tonic
- Microcirculation
- Soothing
- DNA protection
- anti- free radical
- anti-oxidant







Exposome: individual & life – from solar exposure, air pollution and hormones, to nutrition and psychological factors, Genetics and epigenetics elucidate how our health can be impacted by these factors. The global anti-ageing cosmetics products market was valued at \$32.4 billion in 2021 according to analysts ReAnIn

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## #1 Pollution & Anti-aging

Examples of CROs among other...

	<ul style="list-style-type: none"> <li>• Consumer testing</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>	<p>Beauty routine In situ testing</p>
	<ul style="list-style-type: none"> <li>• Use test naïve panels</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>	<p>Sensitive skin Ageing-altered</p>
	<ul style="list-style-type: none"> <li>• Particle analysis</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>	<p>Biometrological evaluation</p>
	<ul style="list-style-type: none"> <li>• Wrinkle/Firmness/ sagging...</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>	<p>Biometrological evaluation</p>

Scenescence multifunctionality  
hydration antioxidant  
barrier function pollution

|

UV

|

Blue-light

|


Particles


|

Pollutants

|

Chemicals



 Skin, Hair, Nails Testing Platforms

Exposome: individual & life - from solar exposure, air pollution and hormones, to nutrition and psychological factors. Genetics and epigenetics elucidate how our health can be impacted by these factors. The global anti-ageing cosmetics products market was valued at \$52.4 billion in 2021 according to analysts ReAnIn

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8

9

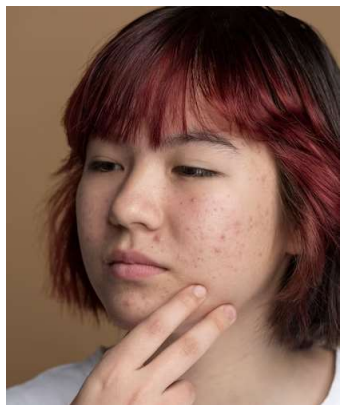
## #1 Sebum and prone to acne skin


vitro | vivo

Examples of CROs among other...

	<ul style="list-style-type: none"> <li>• Sebum control</li> </ul>	
	<ul style="list-style-type: none"> <li>• Sebaceous glands organoids</li> </ul>	
	<ul style="list-style-type: none"> <li>• Pore size</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>
	<ul style="list-style-type: none"> <li>• Pore pigmentation</li> </ul>	<hr style="width: 50px; margin-left: 10px;"/>
	<ul style="list-style-type: none"> <li>• Consumer testing in singapore</li> </ul>	
	<ul style="list-style-type: none"> <li>• Consumer testing in China</li> </ul>	

Full face analysis  
Sebumeter  
Skin surface



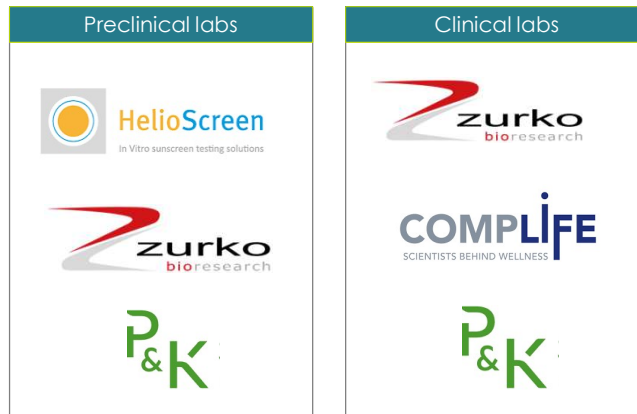
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9

10

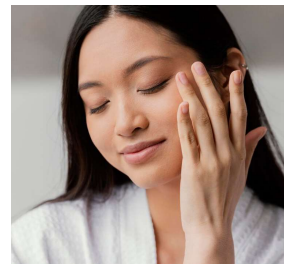
## #1 Sun protection



### Doble Plate Method

Cosmetics Europe Note n°26

- Hybrid method to be validated 23.675
- New in Vitro Sand-resistance method
- Sweat resistance



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10

11

## #2

### Sensitive skin & defenses

- Immunity & inflammation
- Barrier function
- Full face analysis



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11

12

## #2 Immunity & Inflammation

Silico | tubo | vitro

- Sensitive skin
- Atopic dermatitis
- in-vitro • Skin defenses

Wound healing  
4D tissue model

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12

13

## #2 Barrier function & skin conditions

vivo

Examples of CROs and methods among other...

- Epsilon Dermalyser
- Aquaflex
- Antera 3D
- Dermalab videoscope
- Moisturemeter
- Vapometer

Hydration  
TEWL  
Skin surface

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13



14

## #2 Full face analysis



Examples of CROs and methods among other...

vivo



Hydration  
TEWL  
Skin surface



• VisioFace




• Antera 3D





• Full face

• Visia CR



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14


15

## #3 Haircare

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- Hair growth
- Hair texture...





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15

16




## #3 Scalp conditions

Healthification & Skinification

Anti-frizz - Bending and abrasion resistance - Fibre Dimension - bending - Tensile torsion combing - curl friction - penetration - rinsability - sheen - Structure - Surface - volume - Heat Protection - Swelling

In vivo





### Biometrological measurement

- Sebum control
- Dandruff
- Irritation

### Consumer testing

- in Singapore
- in China
- In Europe





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16

17

## # Hair strands & Hair Growth



- Combing
- Electron Microscopy
- Mini-surf
- Scalp surface



- MoistureMap
- Dandruffmeter
- Sebumeter
- Antera 3D



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17

18

## Skinobs searches for Asia

Contact Ophélie  
orebillard@skinobs.com

### Clinical Testing Platform

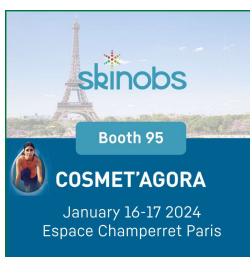
- 56 laboratories
- 270 methods
- 14 countries

- China
- Georgia
- Hong Kong
- India
- Indonesia
- Japan
- Republic of Korea
- Singapore
- Thailand

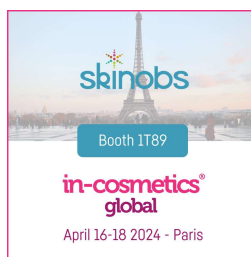
18

19

## Skinobs' next events



skinobs  
Booth 95  
**COSMET'AGORA**  
January 16-17 2024  
Espace Champerret Paris



skinobs  
Booth 1T89  
**in-cosmetics® global**  
April 16-18 2024 - Paris



skinobs  
Level 1 – Booth 775  
**NEW YORK CHEMISTS**  
May 1-2 2024



cosmetotest  
Cosmetics Testing Symposium  
29-30 May 2024  
International Preclinical and Clinical Testing Symposium  
skinobs Cosmetin

## Skinobs' Global Market Study



synthesis  
Global Study Market  
Clinical Testing for the Beauty Industry  
skinobs June 16th 2022  
Edgar Bouquin | Anne Charpentier

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19

20



Thank you for your attention

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