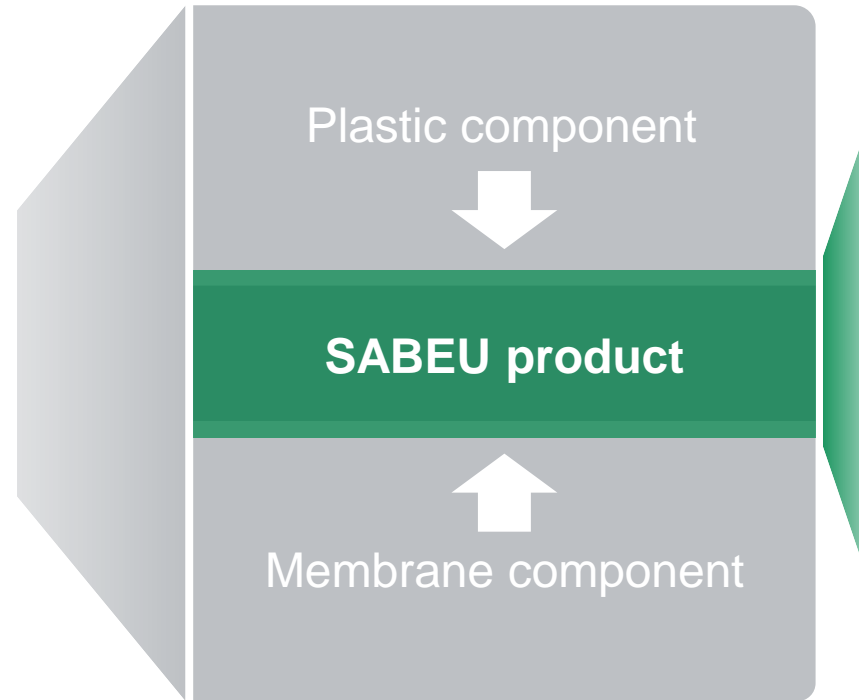




## cellQART® Cell Culture Inserts

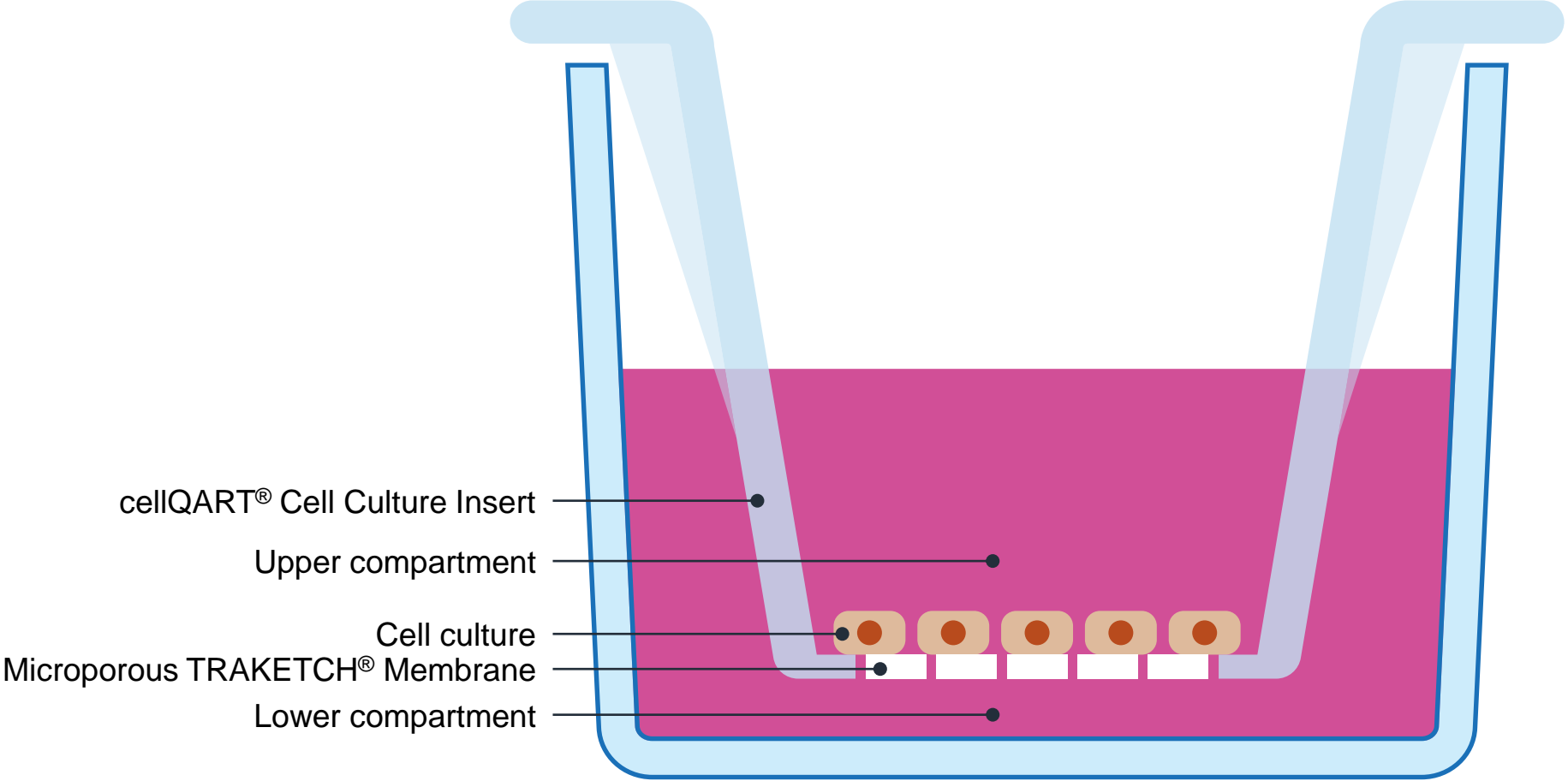
Dr. Karina Cuanalo-Contreras



- 🌀 **A German OEM**
- 🌀 **Off-the-shelf & customized life sciences products**
- 🌀 **Own devices for tissue engineering – cellQART® Cell Culture Inserts**
- 🌀 ***“We are beyond excited to be part of the 3Rs transformation”***

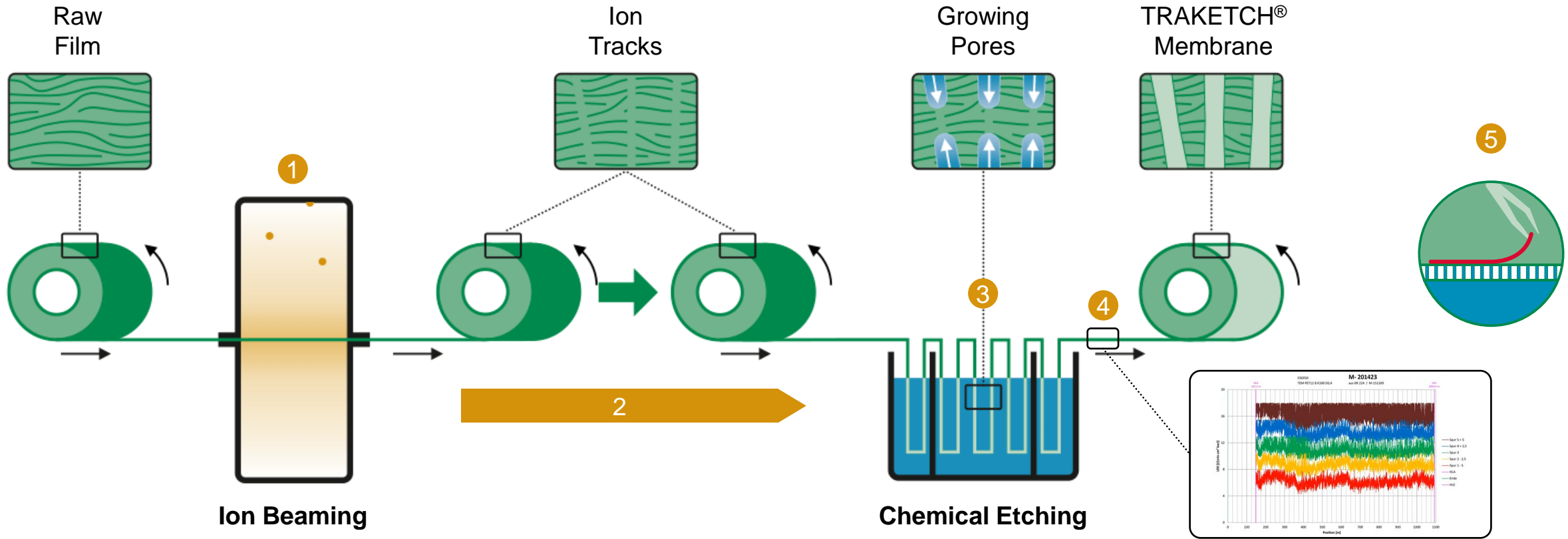
cellQART®  
made by SABEU





**TRAKETCH®**  
made by SABEU





**1 Ion Beaming**  
Defined pore density and angles of pores

**2 Defined aging**  
Special aging protocol for best pore characteristics

**3 Chemical Etching**  
Of tracks to form precise pores in clean rooms

**4 Pore size and distribution control**  
100% in-line airflow quality control of EVERY segment

**5 Tissue Culture Treatment**  
Hydrophilization of surface for optimal cell attachment and growth

- 🔄 **Optimized** gas exchange
- 🔄 **RNase / DNase** free and non-pyrogenic
- 🔄 Compatible with most standard **Cell Culture Plates**
- 🔄 **Industry leading** quality standards
- 🔄 DIN EN ISO **9001** and DIN EN ISO **13485** certified
- 🔄 ISO class 8 **clean room** production
- 🔄 Project based **customization** possible



**cellQART® 6-, 12-, 24-Well Cell Culture Inserts**

Affordable prices • Membrane parameter consistency • Broad standard portfolio



- 🔄 3D reconstructed Tissues
- 🔄 Co-cultures
- 🔄 Study transport and metabolic activities
- 🔄 Permeability and toxicity assays

- 🔄 Disease modelling
- 🔄 ALI (air liquid interface cultures)
- 🔄 Invasion assays
- 🔄 Migration assays
- 🔄 Organoids



SABEU is an **original manufacturer** actively seeking ways to put their expertise on the production of microporous **membranes and plastics to use in advanced cell culture!**

The goal to **reduce, refine and replace** animal testing is as important for the animals as it is for us!

#HumanAndHumane

**Share your thoughts and let's make these New Approach Methods the new standard!**

**Thanks!**

✉ [karina.cuanalo@sabeu.com](mailto:karina.cuanalo@sabeu.com)

🌐 [www.cellQART.com](http://www.cellQART.com)

