



## Biomimetic Electronic Skin through Hierarchical Polymer Structural Design

Never Stand Still

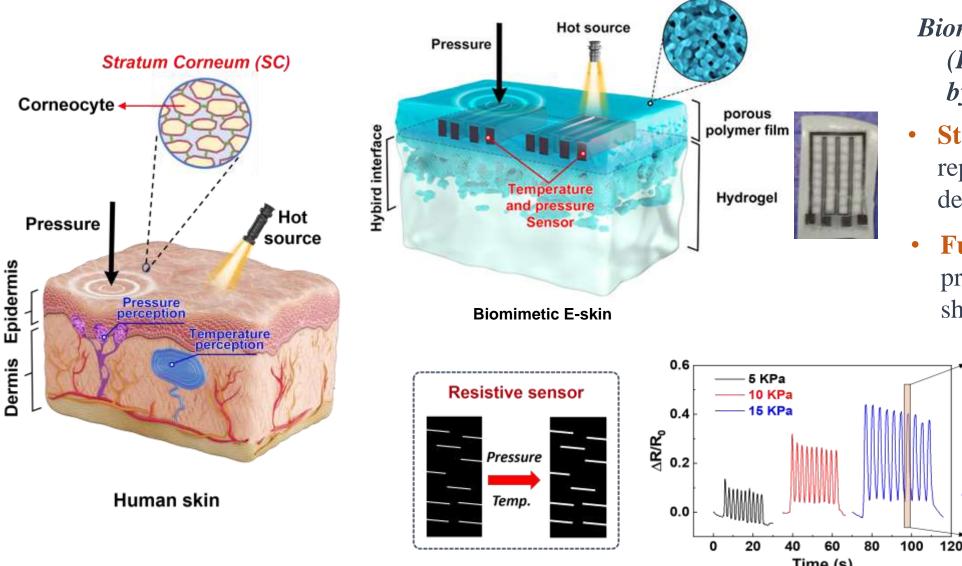
Faculty of Engineering

School of Chemical Engineering

Mengnan Zhang, Assoc. Prof. Jiangtao Xu 20/02/2024



## **Biomimetic Electronic Skin through Hierarchical Polymer Design**



Biomimetic electronic skin (E-skin) design inspired by human skin.

**38APS** 

- **Structural** mimicry: represent the epidermisdermis structure.
- **Functional** mimicry: pressure, temperature, and sharpness sensing.

