

iMiD 2022

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Company Name	Attachable Phototherapeutics Center for e-Healthcare	Company Logo
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Exhibitor Introduction	Established in 2017, 'Attachable Phototherapeutics Center for e-Healthcare' is one of the Engineering Research Centers (ERCs) backed by National Research Foundation of Korea. It targets at developing phototherapeutic systems based on wearable light sources such as OLEDs and understanding their working principles. Led by KAIST, the center consists of an interdisciplinary team of engineering and medical research groups, including those from Seoul National University Bundang Hospital, Korea.	
Exhibit Description	Exhibit includes the main R&D activities from members in the Center and their research output. Examples include wound-healing OLED patches, wearable UVB light sources for vitamin D generation, and gamma-entrainment OLED solution, etc.	
Exhibit Product	OLED Patch for Wound Healing - Body-attachable phototherapeutic patches that promote wound healing via flexible red or near-IR OLEDs. While most of the established phototherapeutic equipment is installed in a clinical environment, the developed devices can be personalized and used with virtually no limitation in both time and space.	