


iMiD 2023

August 22-25, 2023 / BEXCO, BUSAN, KOREA

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The 23rd International Meeting on Information Display
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Company Name	Attachable Phototherapeutics Center for e-Healthcare	Company Logo
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Exhibitor Introduction	<p><인체부착형 빛 치료 헬스케어 공학센터 (Attachable Phototherapeutics Center for e-Healthcare)> was established as an Engineering Research Center (ERC) supported by the National Research Foundation (NRF) in 2017. Our primary objective is to pioneer the development of OLED/LED-based wearable light therapy platforms, validate their medical effectiveness, and unravel the underlying fundamental mechanisms. The center is led by KAIST, in collaboration with Seoul National University Hospital (SNUH), Hanyang University, Chung-Ang University, GIST, and PHI bioMed Co., Ltd. Our research is particularly focused on skin regeneration, vitamin D synthesis, and cognitive impairment prevention through a combination of rigorous preclinical/clinical trials, brain activity measurements, deep learning analysis, and other innovative approaches.</p>	
Exhibit Description	<p>We introduce the key technological elements of wearable light therapy platforms, including a light source, circuit, battery, sensors, and their results of cell tests or preclinical/clinical trials. Unlike conventional light therapy devices that utilize bulky lamp light sources primarily used in hospital</p>	

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	<p>environments, our wearable platform offers a convenient solution that seamlessly integrates light therapy into our daily routines. To provide a hands-on experience, we have set up a wearable platform demonstration booth.</p>
Exhibit Product	<ul style="list-style-type: none">● Research posters related to wearable light therapy platforms.● Prototypes demonstration