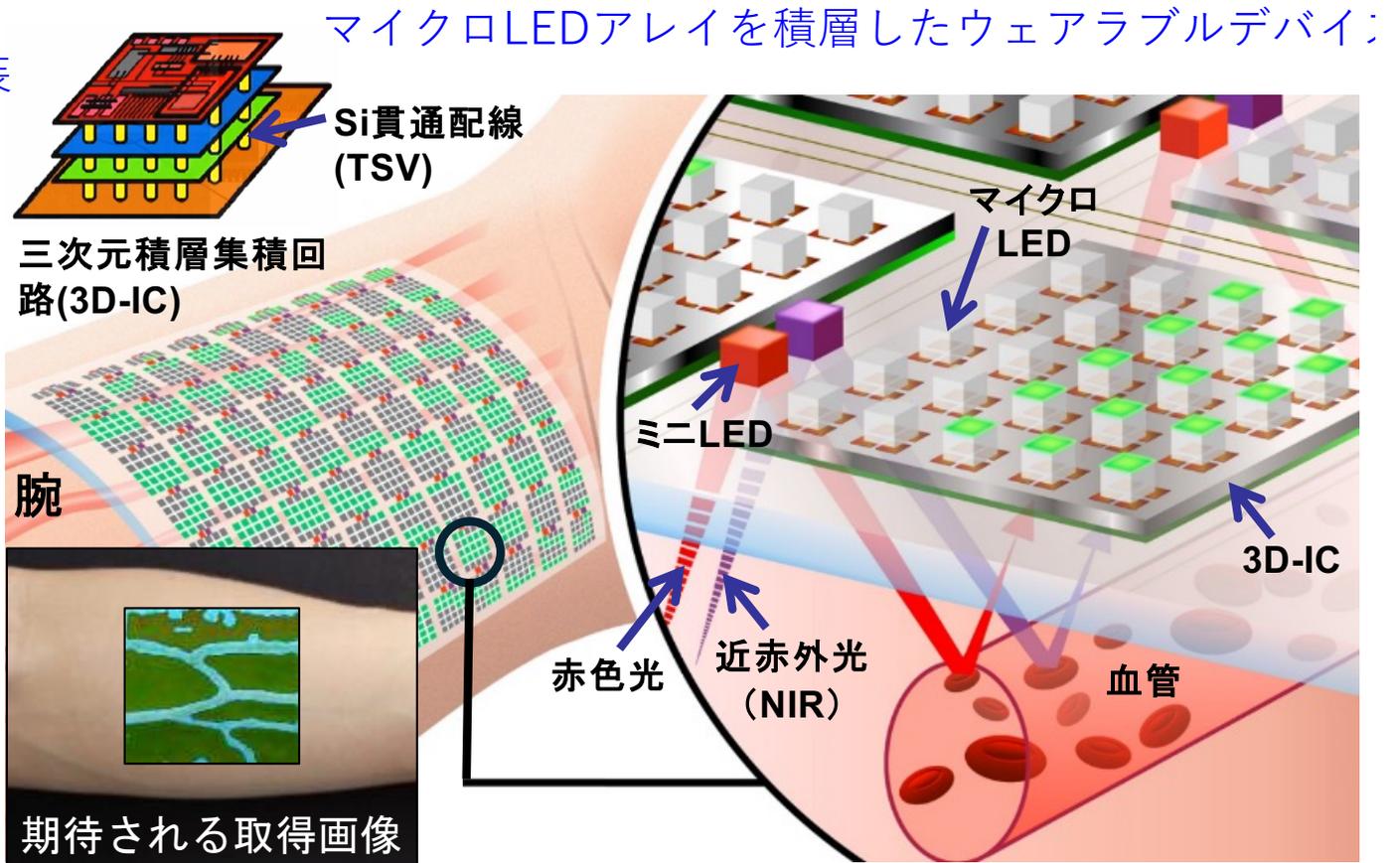
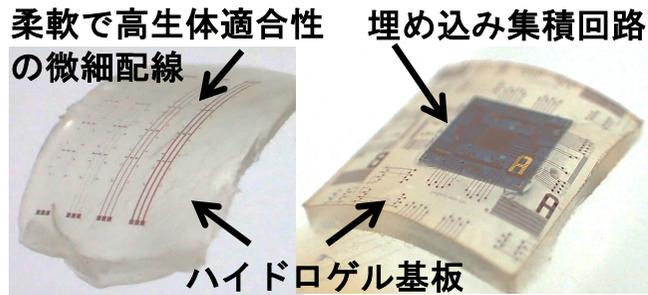
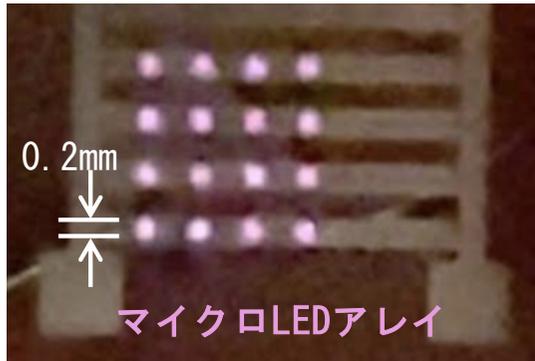


半導体実装工学に基づくホリスティック集積医用システムの創成

～半導体微細加工を駆使し、デバイス単体ではなく全体を俯瞰したシステム集積工学を体系化～

ハイドロゲルに微細配線形成、
IC内蔵、マイクロLEDアレイ実装



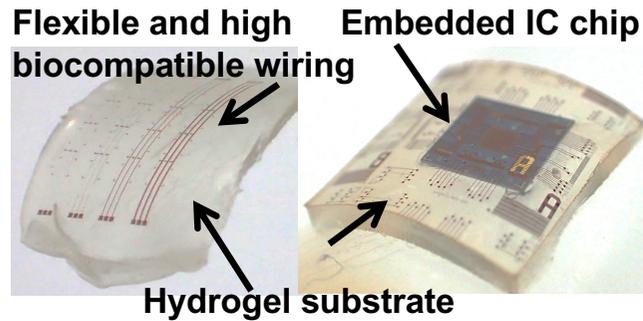
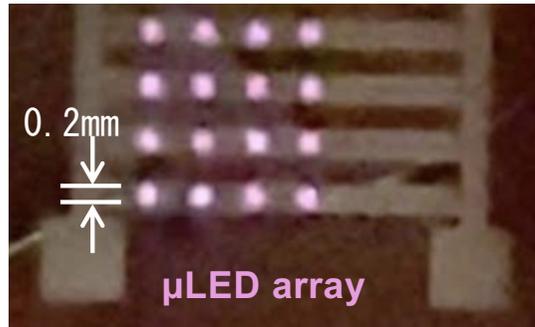
低出力光療法用デバイス (集積化フォトバイオモジュレーション) 血管モニタリングシート (Smart Skin Display)



R&D of Holistically Integrated (Bio) Device Systems Based on Semiconductor Packaging Engineering

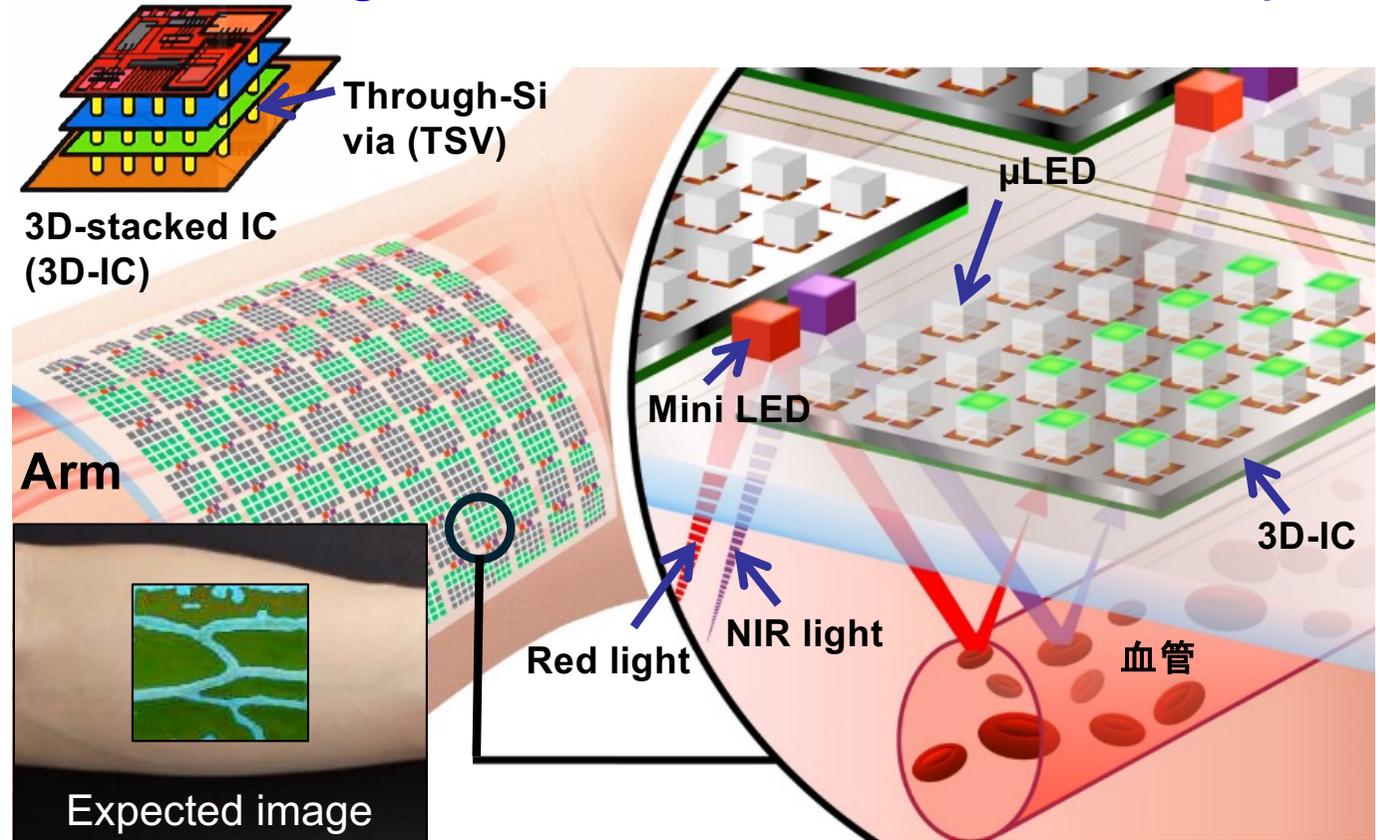


Fine-pitch interconnect, IC chip embedment, and μ LED integration



Low-power light therapy (Integrated Photo Bio Modulation)

Integrated wearable device with 3D-stacked μ LED



Vessel Monitoring System (Smart Skin Display)