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ASIA

Singapore Healthtech Aiteaic Unveils Proprietary TCM Wellness System Pairing AI Tongue Scanning with Nanobubble Extraction

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Aiteaic, a Singapore-based wellness technology company, has unveiled a proprietary TCM diagnostic platform that uses best-in-class AI vision technology to deliver tongue-based constitution analysis. The platform makes its first commercial deployments through two flagship launches: a Premium Exhibitor showcase at CHI Innovate 2026 (2â??4 July) and Singapore's first AI-driven TCM afternoon tea at Grand Copthorne Waterfront Hotel Singapore. Its AI vision engine, trained on more than 6,000 tagged tongue images, has been validated against a Springer Nature-published benchmark of 83.7 per cent accuracy for 9-class TCM constitution classification, with API licensing for wellness, healthcare and hospitality partners opening later this year.

How the System Works â?? Scan, Match, Brew
The Aiteaic platform comprises three integrated components:

The scan: Users capture a tongue image via a web app. The AI vision engine analyses it against a proprietary TCM diagnostic rule set, identifying the user's body constitution â?? such as Qi Deficiency, Damp-Heat or Yin Deficiency â?? in under 30 seconds.

The match: Based on the result, the system recommends herbal tea formulations developed using TCM ingredient principles.

The brew: The recommended capsule is brewed using Aiteaic's patented nanobubble high-pressure extraction machine, which preserves up to 97 per cent of the herbs' active compounds â?? delivering a smooth, nutrient-rich cup with no bitterness. The entire scan-to-sip journey takes less than two minutes.

"We've built an integrated TCM wellness system â?? not just an AI model," said Jovalene Teo, CEO & Founder of Aiteaic and Luli. "The AI is the engine, but our proprietary TCM diagnostic logic, herbal formulations, and patented nanobubble extraction technology are what make the experience truly unique. We're not an AI lab â?? we're a TCM wellness company that uses AI to make ancient wisdom accessible, delicious and personal."