Dr. Kun-Ho Liu

NANOTECHNOLOGY EXPERT

KL

MATERIALS SCIENCE

Biomaterials & Nanotechnology

Connecting materials research, intellectual property and manufacturing scale-up.

Dr. Liu combines a materials-science background with biotechnology entrepreneurship. His research covers natural-polymer biomaterials, self-assembled nanocarriers and controlled-release systems. His experience in patented inventions, scientific publications and technology scale-up focuses on turning research findings into viable products and manufacturing processes.

CORE EXPERTISE

- Biomaterials
- Nanocarriers
- Patented technology
- Process scale-up

Dr. Kun-Ho Liu

Education & Credentials

- PhD in Materials Science and Engineering, National Chiao Tung University
- Postdoctoral research in Materials Science and Engineering, National Chiao Tung University
- Principal inventor on US Patent 8,263,130 B2
- Principal inventor on Japanese Patent 5363840

Areas of Expertise

- Natural-polymer biomaterials and chitosan derivatives
- Self-assembled nanocarriers and controlled-release systems
- Manufacturing scale-up and yield improvement
- Patented research and technology commercialisation

Career Experience

- Founder of Advanced Delivery Technology
- Author of more than 20 international journal papers, including eight first-author papers
- Experience leading biomaterials R&D; projects
- Experience in materials technology transfer and product scale-up

Professional Focus at GIDI

Focuses on materials technology translation, manufacturing scale-up and intellectual property.