Company Overview

Industry Sector: Drug Delivery/Medical Device/Research Products
Specialty in biodegradable polymer based products and quick dissolve tablets

Company Overview:
Akina Inc. is a revenue generating biopharmaceutical company founded in 2001 by professor and drug delivery and device expert, Kinam Park at Purdue University. Akina develops new drug delivery/device technologies. Current innovations are in the areas of fast-melting tablets, biodegradable polymer based implants. Akina also provides research products, such as fluorescent probes. The fast-melting tablet technology is currently in use for delivery of nutraceuticals. Akina’s delayed hydrogel tissue expander is a research-stage biomedical device for use in dental procedures (e.g., gum line expansion).

Target Market(s): Frosta Nutraceuticals - Direct consumers; Research Products – Research companies and universities; Restiex/Bisourest – Peridental Surgeons / Hospitals and healthcare providers worldwide, respectively
Seeking: Strategic Partner (Restiex) and Distribution Partners (Drug Delivery)

Key Value Drivers

Technology:
Restiex™ is the first of its kind reshappable, self-filling, tissue expander intended to aid in surgical implantation of a prosthetic device in the jaw or dental area.
Bisourest™ is a biodegradable ureteral stent which eliminates the need for a secondary removal surgery from the ureter thus saving time and money.
Nanoparticle Technology Akina is currently developing a novel nanofabrication technology which can allow for the generation of nanoparticles which are uniform in size and have high drug loading.
Frosta™ Technology is the premier method of formulating fast melting tablets with conventional granulating and tableting equipment; eliminating the need for expensive processes and equipment.

Competitive Advantage: Only Restiex is reshappable, self-filling, and expandable.

Management

Management Team has over 80 combined years of experience in research and development.

Leadership:
Kinam Park (President)
Haesun Park (Vice President)
John Garner (Manager)
Yourong Fu (Director of Formulations)
Sarah Skidmore (Formulations Scientist)

Scientific Advisory Board:
Clark T. Barco, PhD, Director of Periodontics at Roudebush VA Medical Hospital
Nathan Blumberg, MD, Retired Urologist
Larry G. Adams, DVM, PhD, Professor of Veterinary Clinical Sciences of Purdue University

Product Pipeline

In-vitro | Animal | Clinical | Commercial
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Restiex Tissue Expander
Bisourest Ureteral Stent
Frosta Quick Dissolve Tablets
Nanoparticle Fabrication Technology

Research Products