



State of New Jersey

COMMISSION ON SCIENCE AND TECHNOLOGY

PO Box 832

TRENTON NJ 08625-0832

JON S. CORZINE
Governor

December 4, 2007 Grant Awardees

Edison Innovation R&D Fund

- **Aestus Therapeutics** of North Brunswick, NJ in the amount of \$500,000:
Aestus Therapeutics is repositioning drug products for disorders of the nervous system. They will work to discover novel analgesics and accelerate their development to the market to help patients in need.
- **Li Creative Technologies** of Florham Park, NJ in the amount of \$500,000:
Li Creative Technologies will develop two new products, a software package for 3G wireless phones and a conference phone for the next generation of communication systems.
- **NJ Microsystems** of Newark, NJ partnering with NJIT in the amount of \$500,000:
NJ Microsystems will commercialize a passive and semi-passive wireless radio frequency identification RFID system employing sensors as a basic system component.
- **Treadstone Technologies** of Camden, NJ partnering with Rutgers University in the amount of \$500,000:
Treadstone Technologies and Rutgers will demonstrate “short” stacks using metal separator plates for Proton Exchange Membrane (PEM/DFMC) fuel cells for portable, stationary and automotive applications.
- **TRIMedicine** of Piscataway, NJ partnering with Colgate-Palmolive in the amount of \$500,000:
TRIMedicine will use the R&D Fund to bring the next generation protein therapies, currently in use to target cancer and other diseases, to the oral healthcare industry.

Technology Fellowship Program

- **Aestus Therapeutics** of North Brunswick with **Meredith Prysak** of UMDNJ:
Aestus is repositioning drug products for development in nervous system diseases of unmet medical need. The fellow will apply proprietary data mining methods to derive new knowledge of the pathology underlying ALS.

- **Lux Biosciences** of Jersey City with **Daniel Haders** of Rutgers:
Lux Biosciences is dedicated to the identification, optimization, development and commercialization of products for the treatment of ophthalmic diseases. The fellow will work to develop treatment for Dry Eye Syndrome.
- **MicroDysis** of Bordentown with **Nancy Vranich** of UMDNJ:
MicroDysis is a biomedical device company that designs, patents and markets medical devices based upon a unique, patented microfabrication platform technology. The fellow will develop an innovative biochip for clinical analysis and diagnosis.
- **Neurotez** of North Brunswick with **Steven Greco** of UMDNJ:
Neurotez is in the process of launching the clinical development of a Leptin product as a therapy for Alzheimer's disease. The fellow will expand previous preclinical fundings and will explore novel pathways and potentially new targets under the Leptin program.
- **Treadstone Technologies** of Camden with **Joshua Finch** of Rutgers:
Treadstone is dedicated to the commercialization of alternative energy technologies that support and enable the use of alternative energy sources for portable, stationary and transportation application. The fellow will work on the metal plate and hydrogen technology development program.
- **TRIMedicine** of Piscataway with **Christopher Ferrante** of UMDNJ:
TRIM-edicine is a biotech company involved in the development of novel pharmaceutical products for treatment of medical conditions related to dermal injury, oral health and wound healing. The fellow will test if formulations are effective in a tissue culture wounding model.

Incubator Seed Fund

- **Adsorptech** located at the Rutgers EcoComplex in the amount of \$49,000:
Adsorptech will purchase a gas chromatograph and a mass spectrometer to support ongoing research.
- **BanDeMar Networks** located at the NJIT Enterprise Development Center in the amount of \$49,176:
BanDeMar Networks will work on a registration subsystem for an Emergency Training System.
- **Lightening Energy** located at the Picatinny Incubator in the amount of \$50,000:
Lightening Energy will work on the development of hybrid electric vehicle batteries.