RFMH and Technology Transfer

- What is technology transfer?
- What is our role?
- What exactly is it that we do?
- Why do we transfer technology?
- Examples of success?
What is technology transfer?

Movement of information, materials and technologies from research laboratories to commercial enterprises for the purpose of further development and commercialization.
What is technology transfer?

Examples of information, materials and technologies:

- Patented inventions
- Research tools and reagents
- Computer software, media content
- Diagnostics
- Vaccines
- Therapeutic compounds
- Students, fellows, trainees
- Educational materials
What is our role?

- PARTNER!
- Resource
- Facilitator between worlds of science, law & business
- Enable – dissemination & translation
- Build relationships
What is our role?

We don’t make the technologies you invent, we make them better!
What is our role?

- Administer +100 million dollars in annual sponsored research grants and contracts.

- Title to invention conceived or first reduced to practice in performance of sponsored research.

- Protect interests of the inventor(s), the Foundation, NYS, the sponsor & the public
What do we do?

- **Identify** new technologies
- **Protect** technologies – patents, copyrights & trademarks
- **Commercialize** – market and license
- Negotiate agreements
- Administration & compliance
- Education & outreach
Why do we transfer technology?

Completing the Circle

Public/Private Investment

Research

Products – Benefit Society

Discovery

Technology Transfer
Licensees/Partners
Examples of success

1. Commercial products

2. Industry sponsored research funding
Taurine

- Component of human breast milk
- Required for infant brain development
- Infant formulas
- Sodas and energy drinks
Tarvil

- Medical food for treatment of tardive dyskinesia.
- Involuntary movement disorder induced by neuroleptic drugs.
Research Tools

- Antibodies
  - Beta-amyloid
  - Prions
- Peptides
- Animal models
Copyrights

- Clinical instruments
  - PDDBI
- Educational materials
  - HIV videos