

# Catalyzing Innovation, Entrepreneurship, and Commercialization at UT MD Anderson Cancer Center

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# Office of Technology Discovery

- OTD created in late 2001
- Service for faculty to stimulate innovation, discovery, development, and commercialization of new technologies
- Services include:
  - Consulting
  - Funding
  - Project management
  - Education
  - Networking



# Consulting

- Invention disclosures (IDRs)
  - About 30 to 40% of IDRs are initiated by OTD
- Development of technologies
  - Development of milestones, timelines, and budgets related to commercialization
  - Time and labor intensive process
- Entrepreneurship advise
- Support for TIF and ETF applications



# Deal Flow (5 years)

1311 formal faculty contacts

76 project teams formed

39 projects presented

28 projects funded



# TRC Funding

- \$ 1,886,106 committed for 28 projects
- Average investment per project was \$ 67,500
- We see a trend to more mature technologies (drugs) with larger budgets
- Since January 2006, monies paid by the TRC will be reimbursed to the TRC if technology successfully commercialized
- Currently 15 projects in pipeline



# “ROI” TRC Funded Projects

	September 2006	September 2007	March 2008
License Income (license, option, fees)	\$ 625,000	\$ 790,000	\$ 860,000
SBIR's, STTR's	\$ 240,000	\$ 240,000	\$ 240,000
Sponsored Research Agreements (SRAs)	\$ 250,000	\$ 250,000	\$ 250,000
Research grants	\$ 0	\$ 973,000	\$ 973,000
Money saved directly by MDACC			\$ 1,000,000
Outside investments (angels, venture capital)			\$ 2,500,000
<b>Total ROI</b>	<b>\$ 1,115,000</b>	<b>\$ 2,253,000</b>	<b>\$ 5,823,000</b>

# Education

- Innovation and entrepreneurship courses
  - “The Role of Scientists and Physicians in the Business World” in collaboration with Jack Gill, MIT, and Harvard (2004)
  - “From Lab to Market” Life Science Entrepreneurship & Mentoring Series in collaboration with the Rice Alliance for Entrepreneurship (2005 and 2006)





## Ideas on Fire! Life Sciences

- Innovation and entrepreneurship courses
  - “Ideas on Fire! Life Sciences” in collaboration with the Office of Research and Technology Transfer at UT System (2008)
  - “Ideas on Fire!” in collaboration with the Office of Research and Technology Transfer at UT System (scheduled 2008)



# Thank You

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