

How to Succeed in Science

How to Develop a Clinical Product

Clinical Translation in Academics: Examples from Imaging Research

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Learning Objectives:

- Introduction to translational molecular imaging
- Obstacles to overcome in an academic setting
- How to gain and keep momentum by attracting industrial sponsors

Clinical translation of laboratory discoveries is difficult in any environment, but that performed in academic institutions holds its own, unique challenges. Although imaging research is arguably easier to translate – including introduction of new imaging agents to human subjects – than clinical trials involving new devices, drugs or other therapies, substantial hurdles must be overcome. We will review the process of clinical translation from project conception through the first-in-human (Phase 0/1+) trial, beyond which is generally the domain of industry.

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