

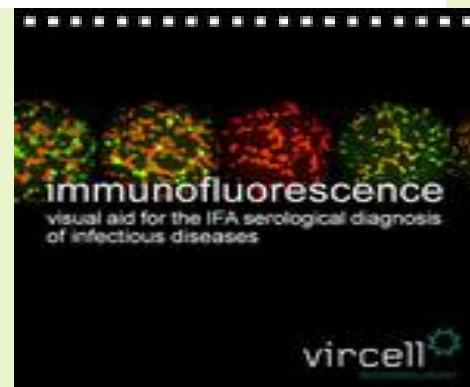


# Granada Health Technology Park: Translating Discovery into Innovation

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Internationalization and Entrepreneurship

Frankfurt am Main, 14 March 2017

# Health



Seguimiento remoto de pacientes crónicos



**SARA**

Seguimiento remoto de rehabilitación domiciliar



**rehabitic**

Teleasistencia móvil: Localización y alerta



**telecare**  
**mifamilia**  
**wilawarra**

# PTS Granada



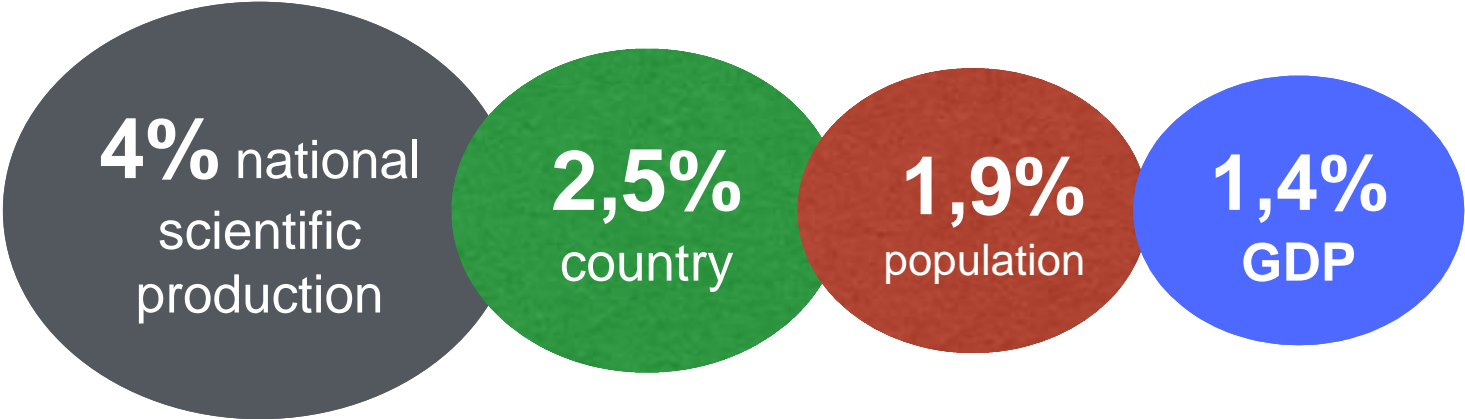
**idf** INSTITUTO INTERNACIONAL DE FLEBOLOGÍA

master diagnóstica home



Source: Adapted from <http://techcitynews.com/2016/04/26/how-mit-is-supporting-innovation-in-britain/>

# Granada



# Shortage of Translational and Clinical Research

25.290 articles (in 4 yrs)



101 articles with possible human clinical applications

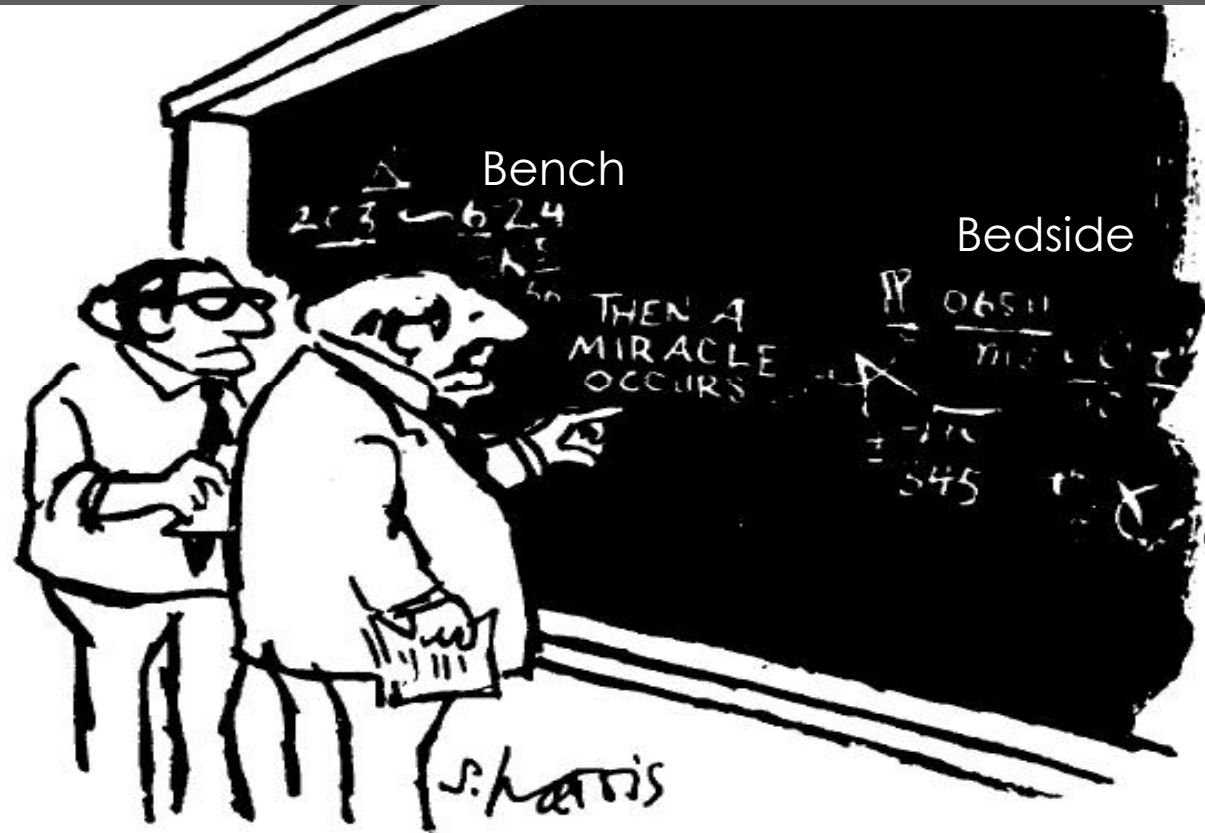


10 yrs later

5 were in licensed clinical use

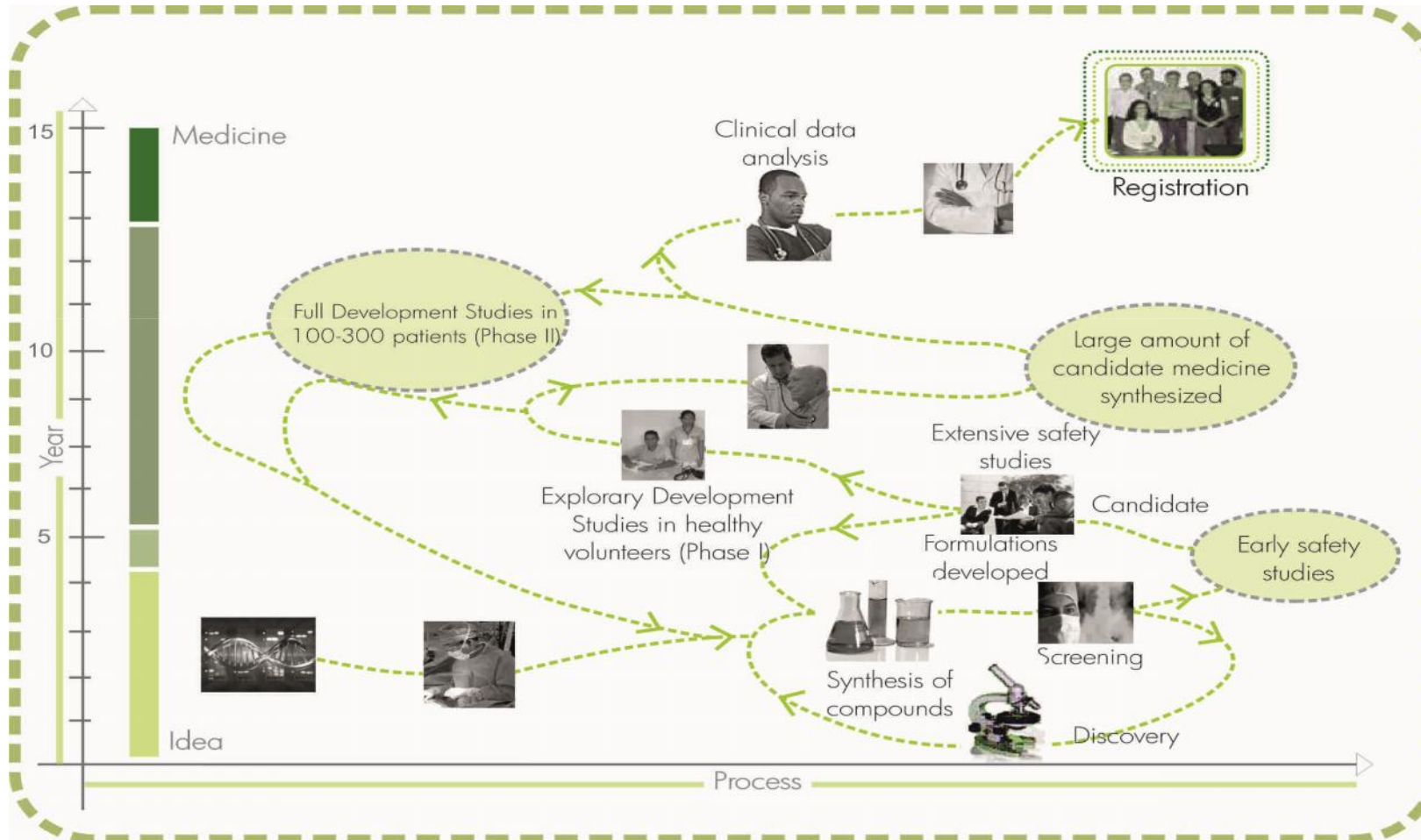


1, and only 1, had a major impact on current medical practice

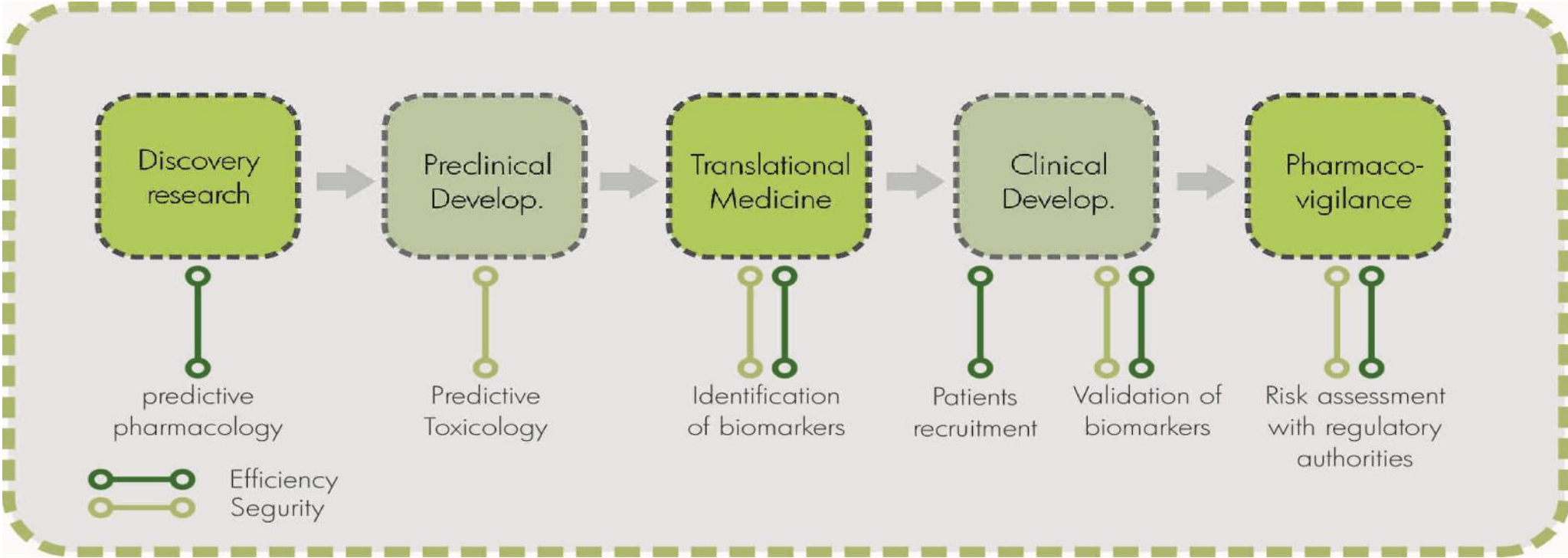


“I think you should be more explicit here in step two.”

# Developing medicines is a long, risky and expensive endeavour



# The bottlenecks: focus on pre-competitive research

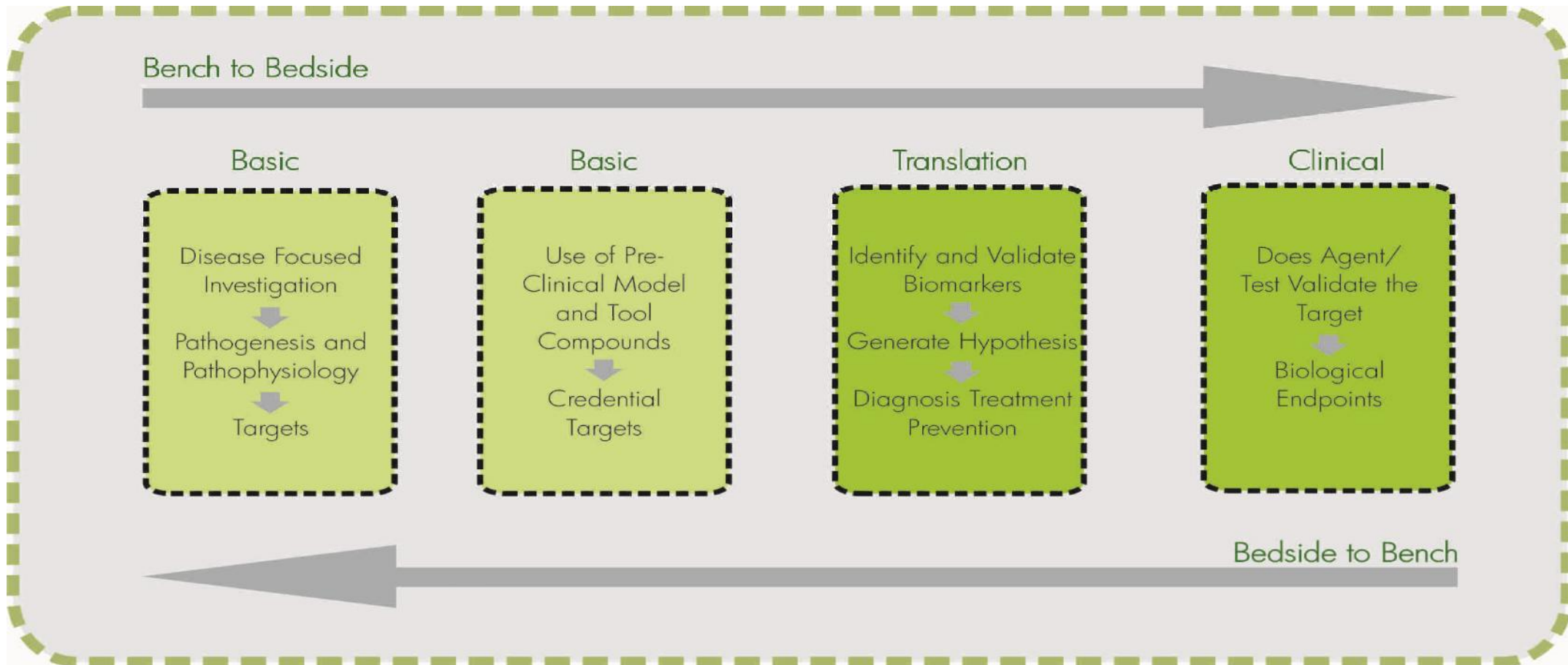


# Lost in Translation





# Translational Paradigm



# What does industry want from Academia?

*“Our main need is to identify and validate relevant biomarkers to help us to sensibly decide if we should embark on big Phase III clinical trials, which cost millions of euros to run”*

Steve Averbuch, MD, Executive Director, [Bristol-Myers Squibb](#)

Gregory Burke, MD, PhD, Senior VP, [Novartis](#)

Renzo Canetta, MD, VP, Global Development, [Bristol Myers](#)

William J. Slichenmyer, MD, VP Therapeutic Development , [Pfizer](#)

Gerald Kenneay MD Product Global Director [Astra Zeneca](#)

Homer Pearce, PhD, Global Director [Lilly](#)

# Industry-Academia Comparison: Translational Capabilities



# How to build New Pathways from Lab to Market:



- 1. acquire, process, store, and retrieve human specimens**
- 2. develop and conduct biologic surrogate endpoint analyses**
- 3. develop and conduct novel imaging endpoints**
- 4. write and manage INDs**
- 5. write and manage complex translational clinical protocols**
- 6. acquire, manage, and interpret complex clinical and biologic data**

# Thank you!

Any question?



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