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Dean, Frontiers of the Natural World 24<sup>th</sup> January 2019 Auditorium, Level 1, Research Management & Innovation Complex, UM



Fundamental research – laying the foundations for applied research

Fundamental research
fuelled by curiosity, attempts to gain
"new" knowledge and insights that
are not always directly applicable or
immediately useful

Changing role of University (vc's address) social responsibility and transfer of knowledge - relevant to society, anticipate what are society's needs - IMPACTFUL

Basic research is very useful, but it should be more geared toward application than it was before

Luc Montagnier 2008 Nobel Prize Winner Nobel Prize in Physiology or Medicine

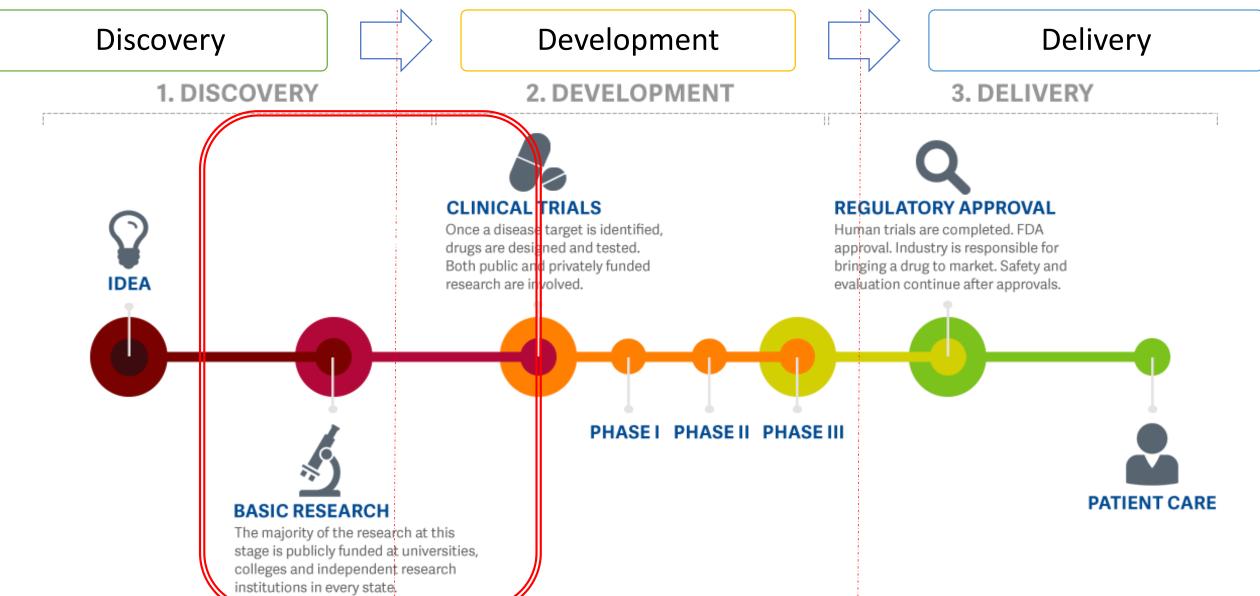
Fundamental research MKII
not only focused on gaining "new"
knowledge, must have an idea or
intent where the knowledge can, and
will be applied. Interdisciplinary

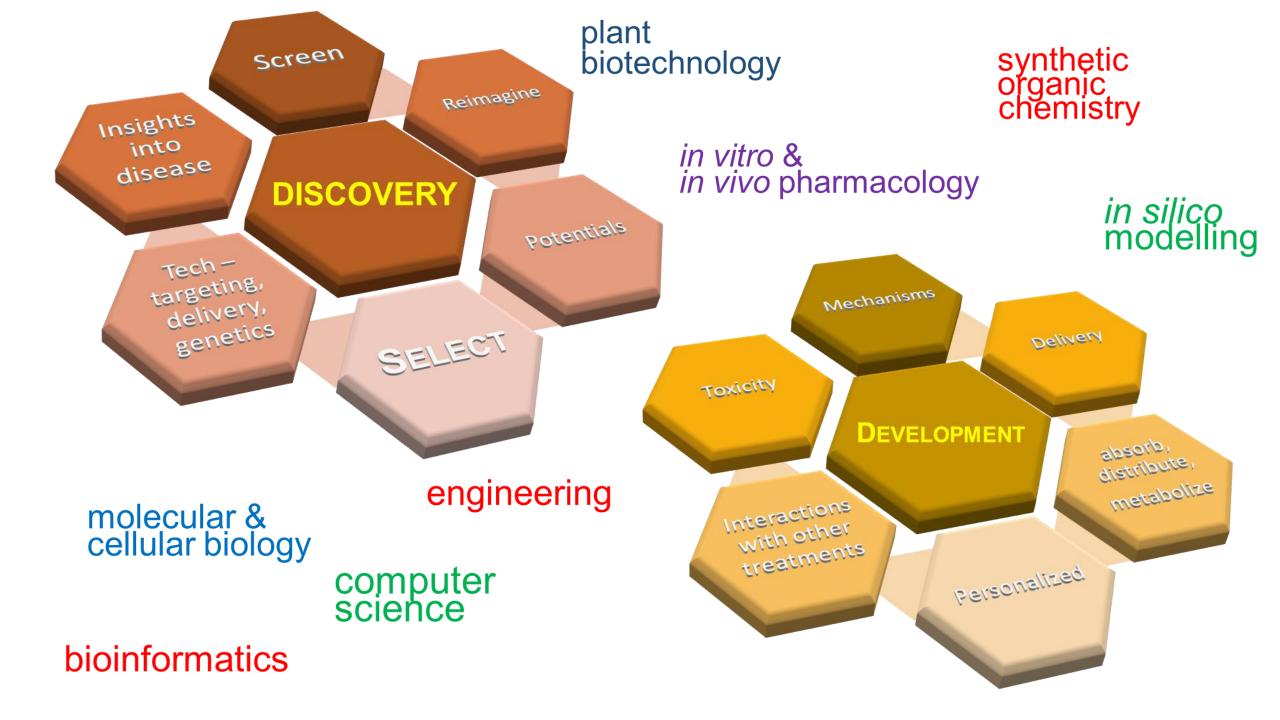


# Nature inspired technology

## :Driving Drug Discovery

https://www.researchamerica.org/advocacy-action/issues-researchamerica-advocates/bench-bedside-drug-development-pipeline







### Curiosity-driven Fundamental Research

### Let your imaginations run wild!

However, must be

FUNDAMENTAL,

**INTERDISCIPLINARY** and

**IMPACTFUL** 





Thank you