What makes a **Smart Laboratory**?

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Laboratory Procurement

\[ VFM = \frac{FFP + LRP}{TCO} \]
What makes a Laboratory?
noun, plural *laboratories*.

1. a building, part of a building, or other place equipped to conduct scientific experiments, tests, investigations, etc., or to manufacture chemicals, medicines, or the like.

2. any place, situation, set of conditions, or the like, conducive to experimentation, investigation, observation, etc.; anything suggestive of a scientific laboratory.

adjective

3. serving a function in a laboratory.

4. relating to techniques of work in a laboratory:

   *laboratory methods; laboratory research.*
Laboratory Taxonomy

Laboratory? → Research? → Wet or Dry?

Animal

Academic
Government
Private

← What are the emerging trends? →
explorer scientist
investigator scientist
developer/translational scientist
service provider/operational scientist
monitor/regulator scientist
entrepreneur scientist
communicator scientist
teacher scientist
business/marketing scientist
policy maker scientist
What Makes a Smart Laboratory?
verb (used without object)
1. to be a source of sharp, local, and usually superficial pain, as a wound.
2. to be the cause of a sharp, stinging pain, as an irritating application, a blow, etc.
3. to feel a sharp, stinging pain, as in a wound.
4. to suffer keenly from wounded feelings: *She smarted under their criticism.*
5. to feel shame or remorse or to suffer in punishment or in return for something.

verb (used with object)
6. to cause a sharp pain to or in.
adjective, smarter, smartest.

7. quick or prompt in action, as persons.

8. having or showing quick intelligence or ready mental capability: 
   a smart student.

9. shrewd or sharp, as a person in dealing with others or as in business dealings: 
   a smart businessman.

10. clever, witty, or readily effective, as a speaker, speech, rejoinder, etc.

11. dashing or impressively neat or trim in appearance, as persons, 
    dress, etc.

12. socially elegant; sophisticated or fashionable: 
    the smart crowd.
adverb
21. in a smart manner; smartly.

noun
22. a sharp local pain, usually superficial, as from a wound, blow, or sting.
23. keen mental suffering, as from wounded feelings, affliction, grievous loss, etc.
24. **smarts**, *Slang*. intelligence; common sense:
   *He never had the smarts to use his opportunities.*
Smart Laboratories

S: Systems and Processes
M: Management and Compliance
A: Advancement
R: Research
T: Technology

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Smart Laboratories?

SMART

Infrastructure

Procurement

Resourcing

Talent
Smart Infrastructure
Smart Procurement
Smart Resourcing
Smart Talent
HOW EACH ASX SECTOR SEES THE RISK OF TALENT:

IS TALENT ATTRACTION AND RETENTION A KEY BUSINESS RISK?

Source: ASX 100 annual reports (September 2018)
Smart Laboratories

SMART

Infrastructure | Procurement
Resourcing | Talent
Archimedes of Syracuse

c. 287 BCE – c. 212 BCE