The Central Role of Science, Technology, and Innovation at Agilent Technologies

Steve Laderman, Vice President

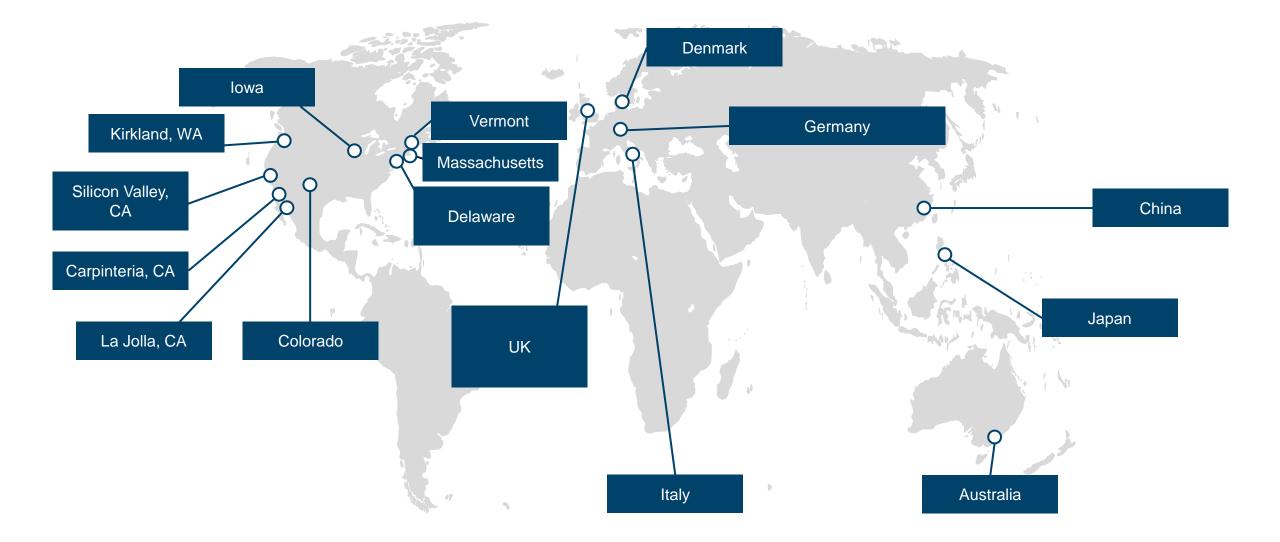
Agilent Research Laboratories Agilent Technologies Santa Clara, California





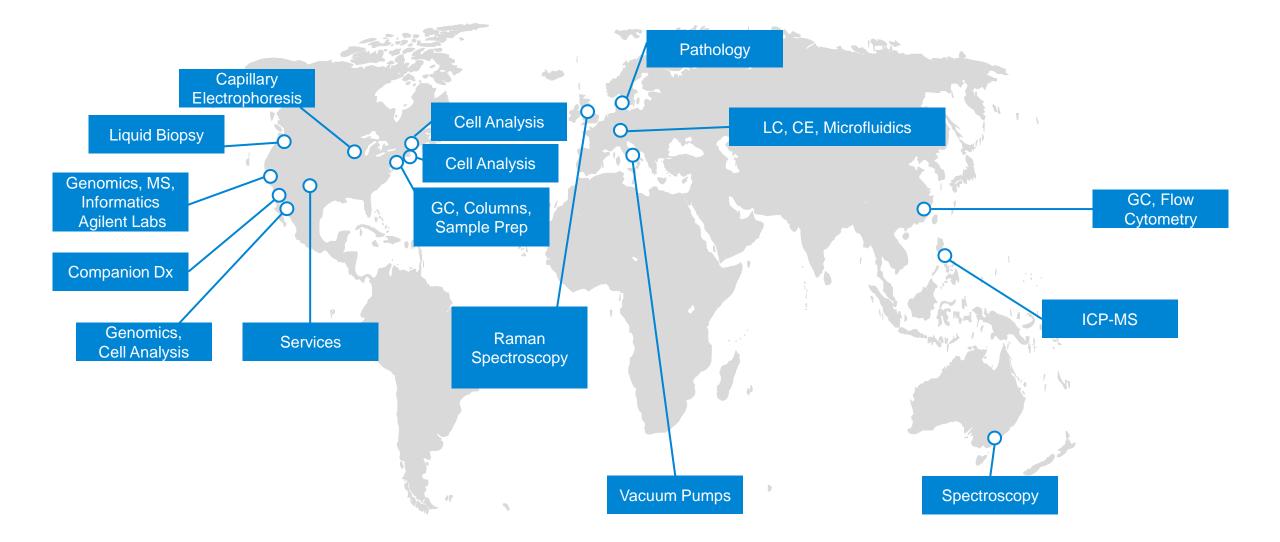
Agilent Public

Global R&D Footprint, Major Centers of Technology Excellence





Global R&D Footprint, Major Centers of Technology Excellence





Delivering Trusted Answers and Insights that Enable our Customers to Advance the Quality of Life

A global, collaborative team, serving vital industries in 6 key markets



Pharma and Biopharma



Food Safety



Chemicals and Advanced Materials



Environmental and Forensics



Diagnostics and Clinical



Academia and Government

Committed to

Accelerating the advancement of science

Providing complete, integrated solutions

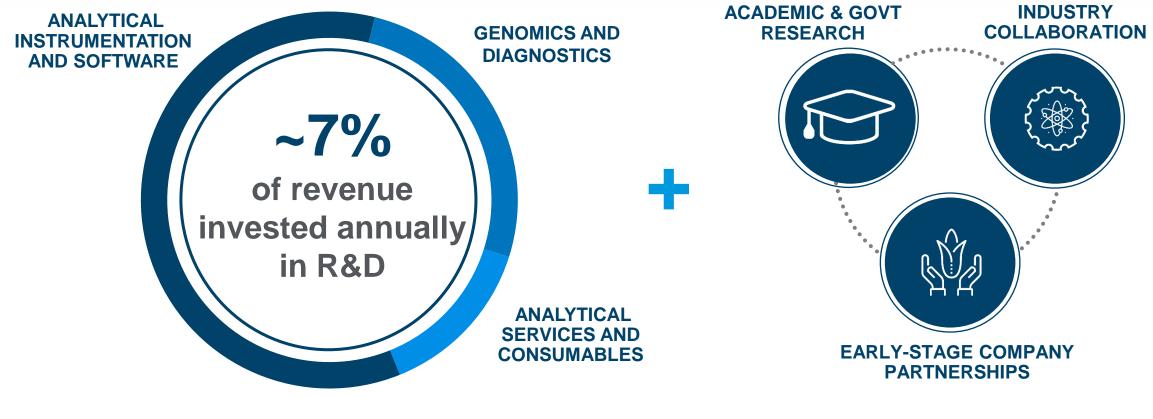
Championing customer success



Innovation is a Central Component of Agilent's Corporate Culture

INTERNAL R&D

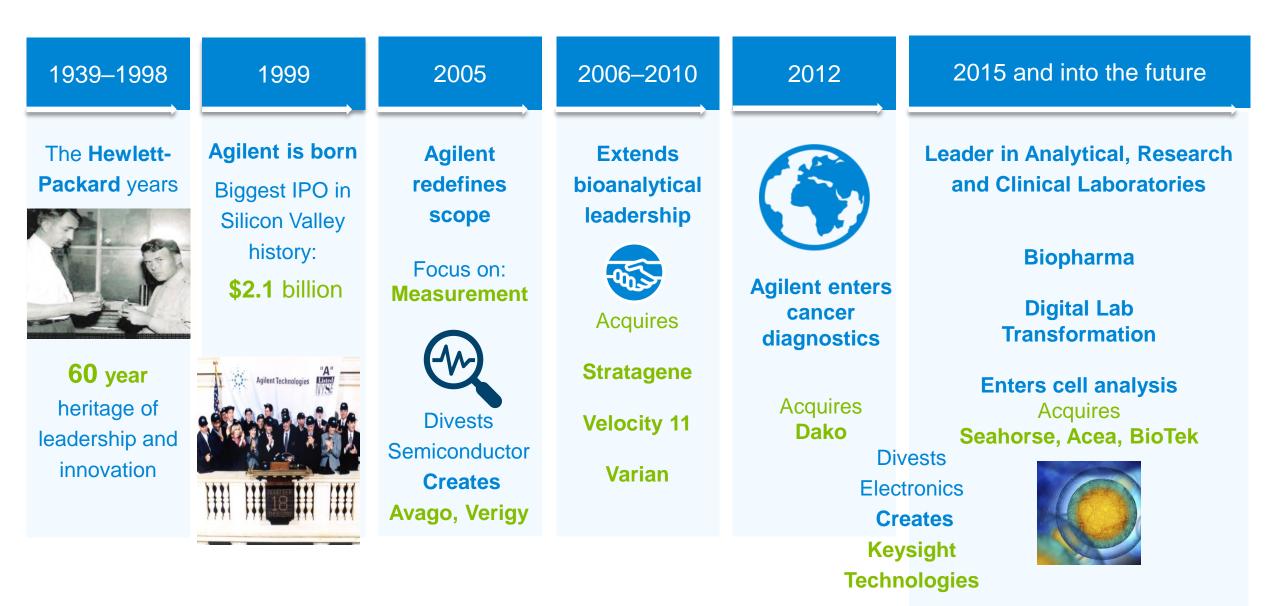
EXTERNAL INVESTMENT AND PARTNERSHIP



+ AGILENT RESEARCH LABS



Innovation Drives Agilent's Evolution and Transformation





The 'Century of Biology' is Here

Advances in Science and Technology Will Continue to Enable Agilent's Success

- Innovations have driven Agilent's success for 85 years across numerous technology waves
- Agilent has helped enable precision medicine for nearly 30 years
- Expanding cellular engineering and analysis is next, now well underway

Communications/Internet

Precision Medicine

Cellular Manufacturing

Chemical Analysis

Electronics/Computers

Test/Measurement

1950

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🕂 Agilent

Enabling Biological Knowledge and Its Translation

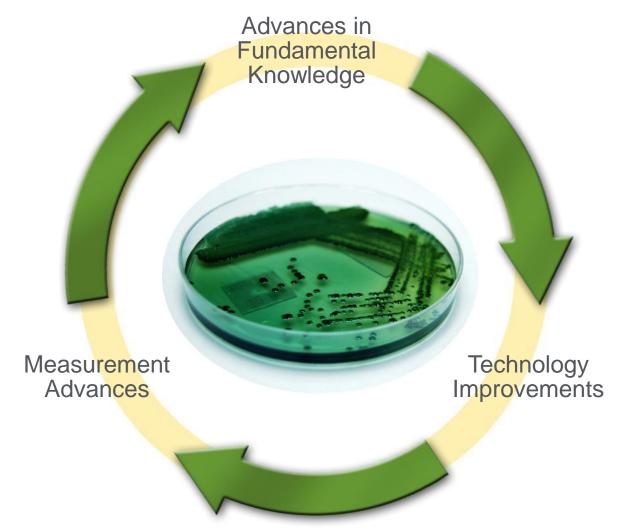
Complementary advancements accelerate progress

	DATA SCIENCE	DEEP LEARNING	VISUALIZA	TION	
		Human Health (Precision Medicine)			
Disease Research	Drug D	iscovery and Development Clinical Research		<u> </u>	utics and Vaccines
CREATION OF BIOLOGICAL KNOWLEDGE		TRANSLATION]		IMPACT
Biological Engineering Research		ssing and Bioproductior timization and Scale-up			acturing of Products BioEnergy
Industrial Biotechnology (Cellular Manufacturing/Synthetic Biology)					



Advancements in Science, Technology & Measurement are Inextricably Linked

Ongoing cycles create continuous new challenges and opportunities



Progress in science depends on new techniques, new discoveries and new ideas, probably in that order. - Sydney Brenner

