



# Innovation Momentum 2023: The Global Top 100

Intellectual Property Report

# 'How to Become One of the World's Leading Innovators'

## Today's agenda

- **Opening thoughts**
- **Introduction of the 'Innovation Momentum' report and methodology**  
Innovation Momentum 2023: The Global Top 100
- **Round table conversation**  
why are today's guests on the Global Top 100 list?
- **Final thoughts**
- **Q&A**

# 'How to Become One of the World's Leading Innovators'

Host and presenter



**Gene Quinn**  
Founder and CEO,  
IPWatchdog



**William Mansfield**  
Head of Customer Success,  
LexisNexis Intellectual Property  
Solutions

# 'How to Become One of the World's Leading Innovators'

## Today's panel



**Anita Buck**  
Senior Director of IP  
Management  
CureVac



**Robert Alizon**  
Chief IP Officer  
nChain



**Gregory Bollis**  
Director of Intellectual  
Property & Assistant General  
Counsel, Milwaukee Tool

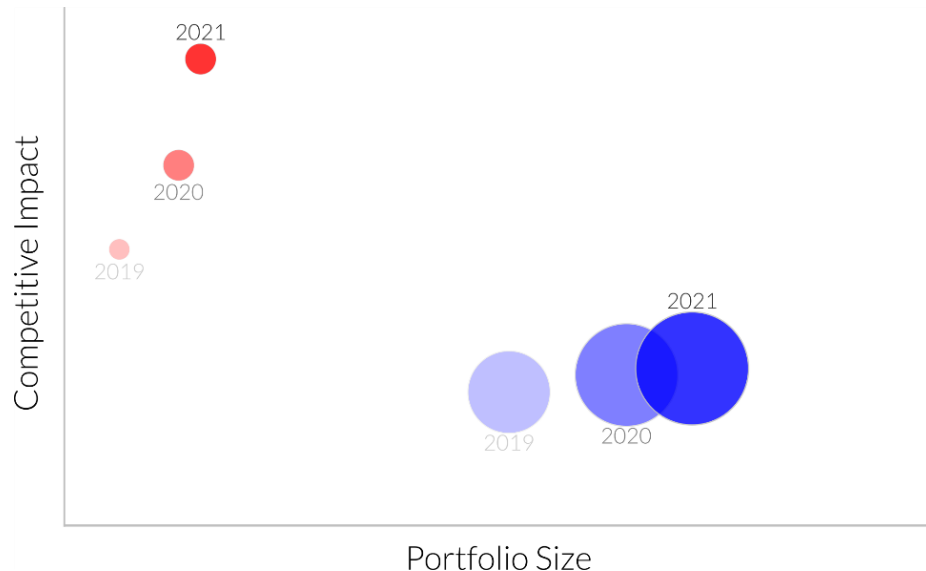


**Corey Salsberg**  
Vice President and Global  
Head of IP Affairs  
Novartis

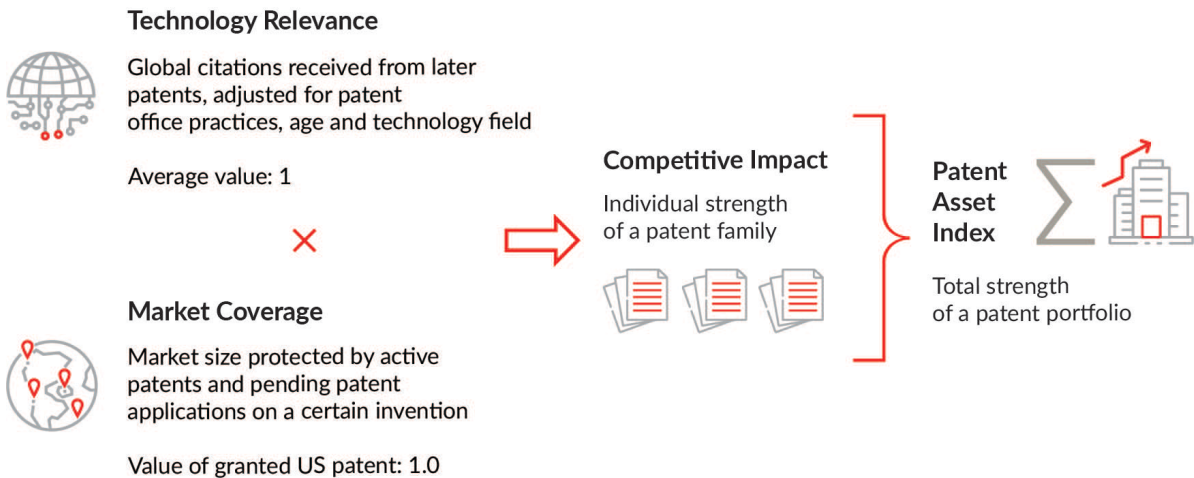
# The Innovation Momentum

The Motivation for the **Innovation Momentum** development is to have a method to **identify patent portfolios with high momentum in its development** over time which

- is consistent with the existing PatentSight indicators;
- changes year-on-year;
- identifies young, strong, small patent portfolios;
- identifies large, well-maintained patent portfolios;
- does not depend on non-patent or third-party data;
- is applicable to different categories like technologies, industries, patent owners, or geographical regions.



# The LexisNexis Patent Asset Index Methodology

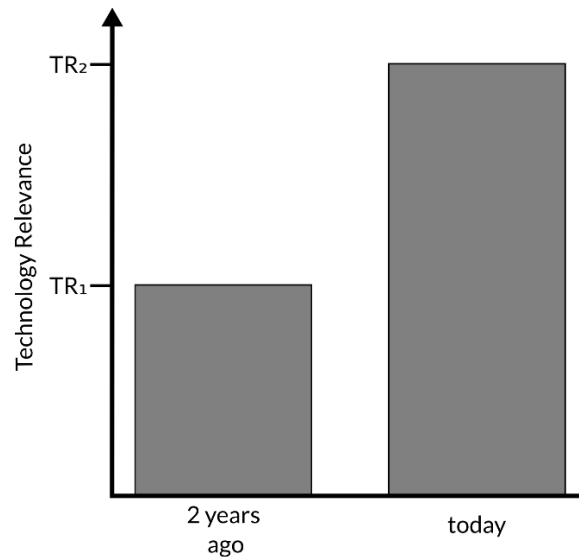


Ernst, H., Omland, N. (2011): The Patent Asset Index - A New Approach to Benchmark Patent Portfolios. World Patent Information 33, pp. 34-41.

# The Innovation Momentum

## The Methodology

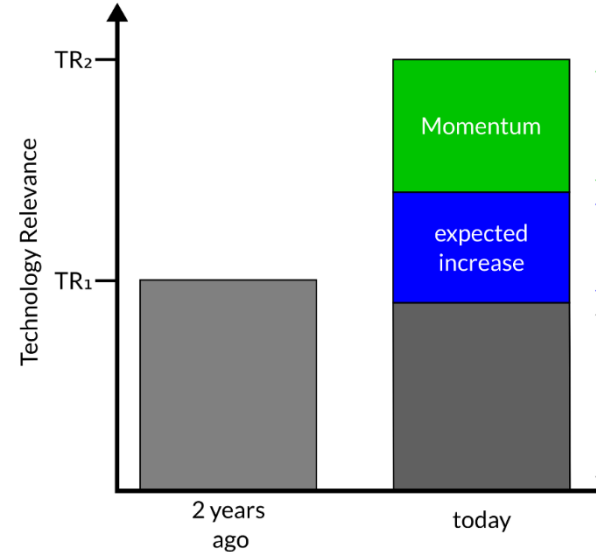
- A portfolio has
  1. a Technology Relevance of  $TR_1$  for a Reporting Date 2 years ago; and
  2. a Technology Relevance of  $TR_2$  for the current Reporting Date.



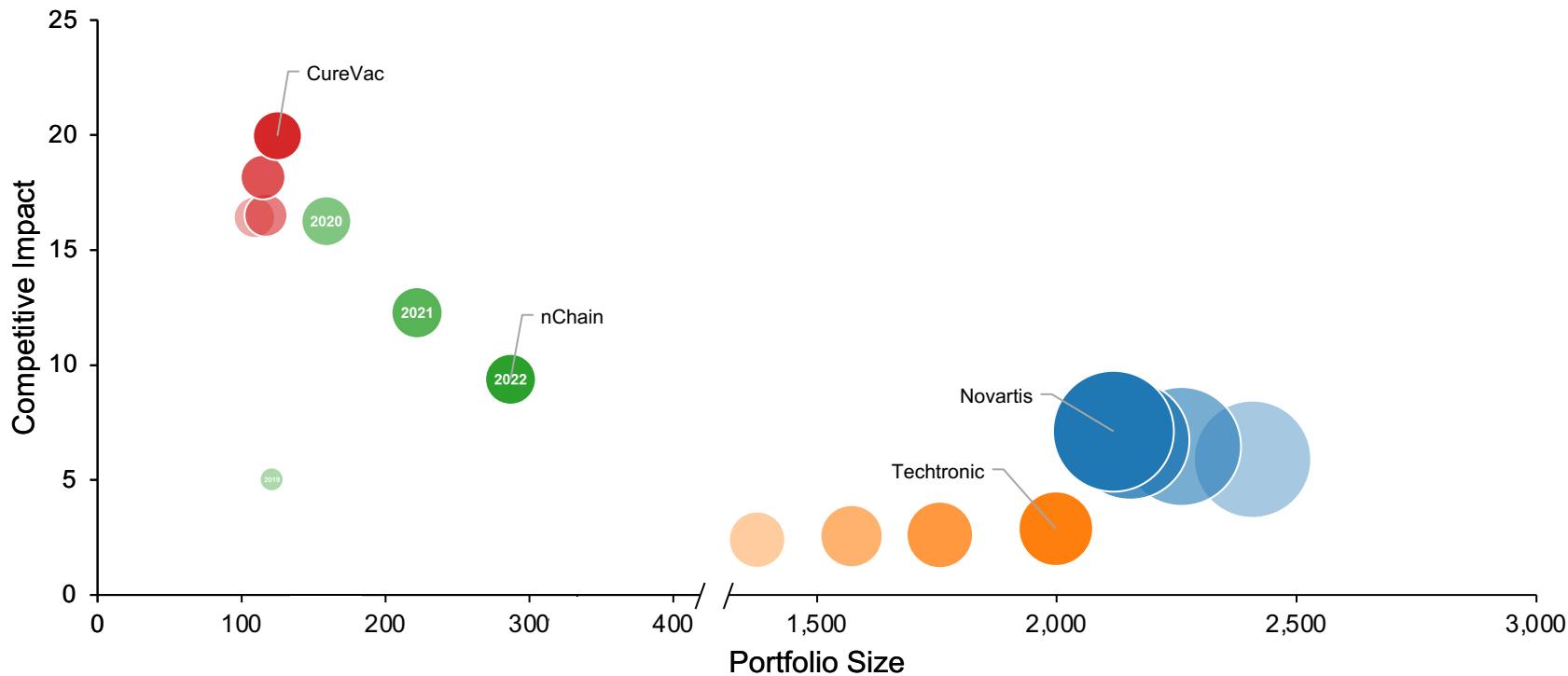
# The Innovation Momentum

## The Methodology

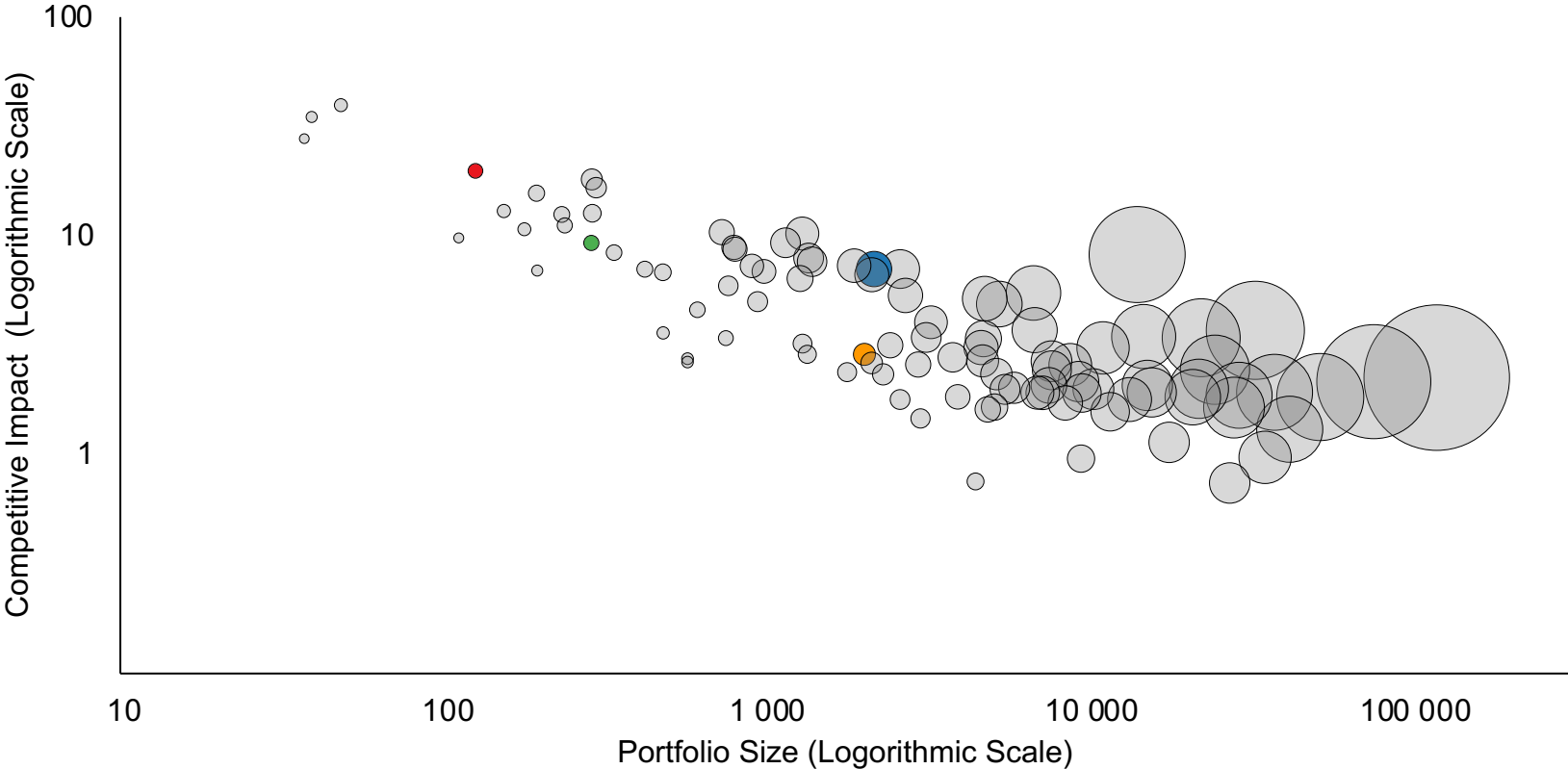
- The Technology Relevance for the current Reporting Date is split into three portions:
  1. The Technology Relevance from 2 years ago in today's terms.
  2. An expected Technology Relevance in-/decrease
    - due to the Portfolio Size in-/decrease and
    - database average Technology Relevance
  3. The momentum is the portion exceeding expectations.




























# Portfolio Development



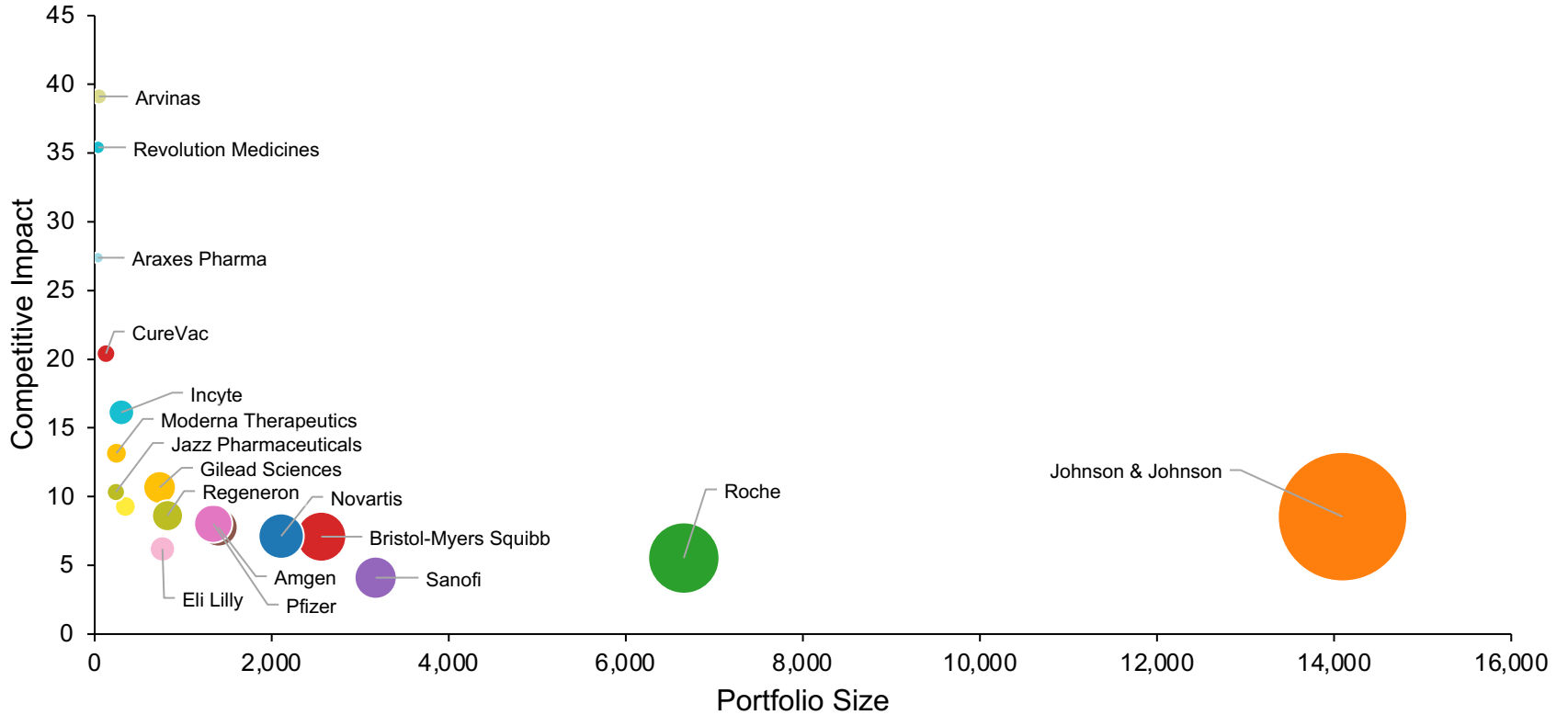
# 2023 Top 100



# Top 100 Industry Sectors

Industry Sector	Americas	Asia	EMEA	Total
Pharmaceuticals	 13		 5	18
Information Technologies	 8	 4	 4	16
Chemicals and Materials		 7	 5	12
Electronics	 2	 10		12
Semiconductors	 5	 4	 3	12
Medical Technologies	 8		 1	9
Consumer Goods	 4	 3	 1	8
Engineering	 2	 2		4
Automotive	 1	 2		3
Biotechnologies	 2			2
Technology R&D	 2			2
Appliances		 1		1
Conglomerates	 1			1
Grand Total	48	33	19	100

# Pharmaceuticals

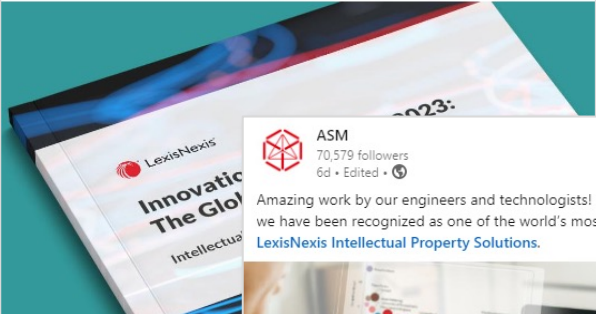


# The Innovation Momentum

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**LexisNexis**

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## Thank You

**William Mansfield**

**Head Consulting and Customer Success**

**US / EMEA**

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