

# Vítáme vás na Pragolab Discovery Days 2022

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26-28 April 2022

 The world leader in serving science



**More than 30 years of our partnership**



# Awards: Recognized innovation leadership for analytical instruments

THE  
ROYAL  
SOCIETY



**Prof. Alexander Makarov**  
elected Fellow to the Royal  
Society for his invention of the  
Orbitrap and his numerous  
contributions to the field of mass  
spectrometry



**Thermo Scientific  
Chromeloan 7.3**  
Chromatography Data System



**Thermo Scientific  
Vanquish Core  
HPLC System**



**Analytical Scientist  
INNOVATION  
AWARDS**



**Thermo  
Scientific  
Vanquish Core  
HPLC System**

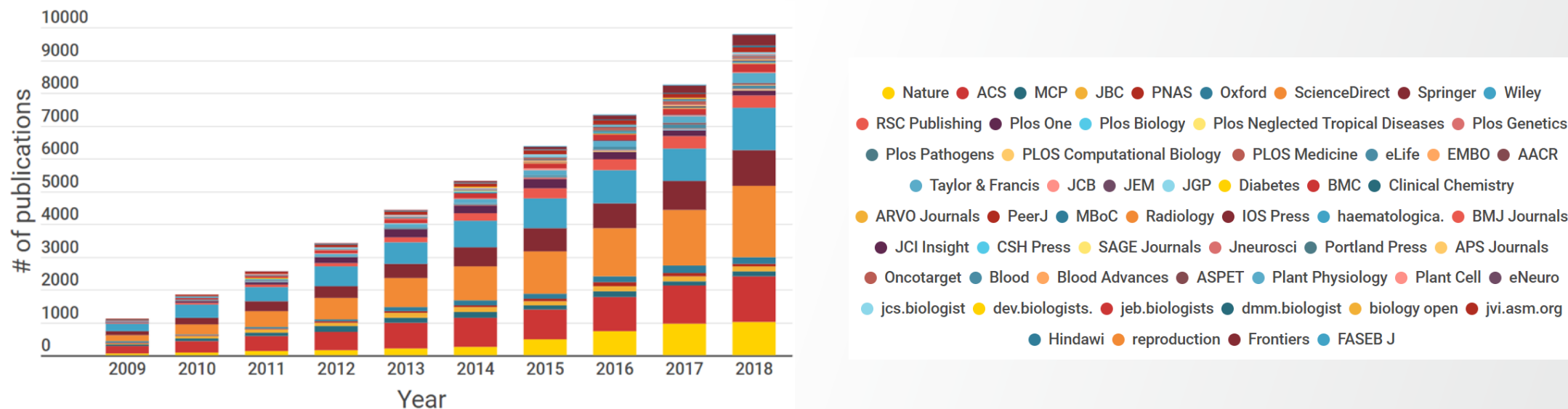
**Thermo Scientific  
Orbitrap Exploris  
240 Mass  
Spectrometer**



**Investing in innovation to serve customers and science as a whole**

# Scientific Research: Undisputed leadership in supporting scientists and researchers

## Orbitrap Publications In All Scientific Journals



In the last 10 years > 50,000 articles have been published using Orbitrap technology

Enabled first mass spectrometry-based mapping of human proteome

# Instruments: Industry leading R&D investments

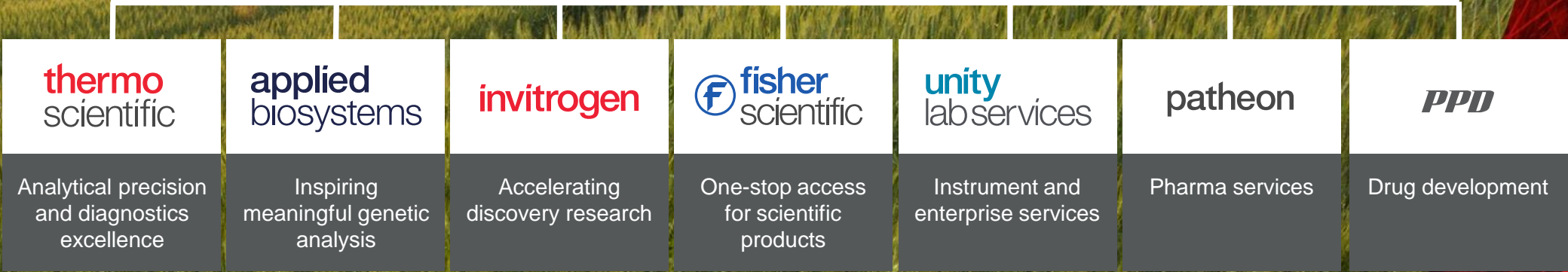
1,400,000,000 \$



# Our leading scientific products, services and workflow solutions



The world leader in serving science



# Unsurpassed and evolving portfolio mix

 <p>Immunodiagnosics</p>  <p>Clinical Diagnostics</p>  <p>Microbiology</p>  <p>Transplant Diagnostics</p>	 <p>Clinical Oncology</p>  <p>Genetic Analysis</p>  <p>Reproductive Health</p>  <p>Mass Spectrometry</p>  <p>Human Identification</p>  <p>Cell Analysis Cell Culture</p>	 <p>Electron Microscopy</p>  <p>Chemical Analysis</p>  <p>Chromatography</p>	 <p>Lab Equipment</p>  <p>Lab Consumables</p>  <p>Laboratory Chemicals</p>  <p>Scientific Supplies</p>	 <p>Bioproduction</p>  <p>API</p>  <p>Formulation</p>  <p>Manufacturing</p>  <p>Clinical Trials</p>
Healthcare	Life Sciences	Applied Markets	Lab Equipment, Chemicals and Scientific Supplies Channel	Pharma and Biotech

Enterprise-wide services and digital science solutions



# Software: Helping customers solve business challenges with Chromatography Data System Solutions

Delivering faster, better results

## Connected ecosystem

Chromeleon XTR, LIMS and ELN software connectivity

### Instrument integration

Enterprise MS, connected chromatography and MS workflows

### Laboratory productivity

Cloud deployable, faster data processing, improved ease of use, one-click workflows

### Comprehensive compliance

Fast adoption of compliance and data integrity needs, tools to simplify data review



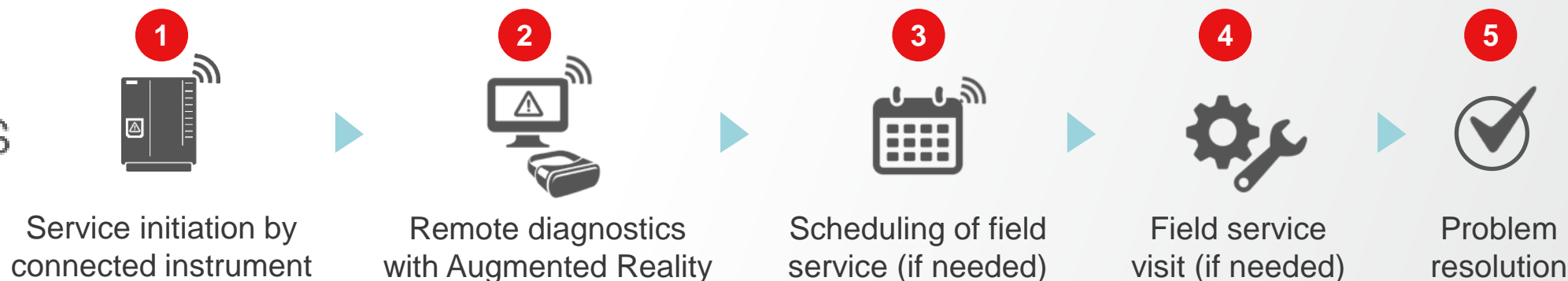
“Chromeleon CDS has moved us away from the inefficient practices of transcribing data into a spreadsheet and helps us to address data integrity within the lab.”

**Brian Alliston**  
Data Integrity Specialist  
Sterling Pharma Solutions



# Unity Lab Services: Instrument health – cloud connectivity

unity  
lab services



## Situation

- Technicians historically required to make in-person visits to diagnose instrument problems
- Higher instrument downtime for customers
- Higher cost, longer time fix

## Outcome

- High instrument uptime / availability
- Reduced service response time and remote resolution
- Insight into overall system health

“In just 10 minutes, our system issue was resolved with no time lost running our LC/MS instrument. We were pleased with the speed and meticulousness with which this service was achieved.”

- Vel Senthil, Odin Pharmaceuticals

Increasing the value of our product portfolio through digital remote services

# World leader in serving science



>100,000  
colleagues



5,700  
R&D scientists/engineers



\$1.4B  
invested in R&D



\$40B  
in revenue