



Pharma IQ is proud to present....

The 15th Annual Laboratory Informatics Summit

Dates:

**Tuesday 27th September - Thursday 29th
September 2016**

Location:

Brussels, Belgium

Pre-Conference Workshop Day Tuesday 27th September 2016

10:00 – 13:00: Workshop: Are you Really Leveraging the Value of Your Data?

This interactive, practical workshop will enable you to drive key insights, obtain better and novel targets faster and show you how to leverage the value of all your data sets regardless of volume and complexity.

What will you learn?

- How to leverage information from multiple data sets with multiple formats
- How to harmonise your research to increase productivity
- What techniques can be used to better visualise multiple data formats and integrate them to better interpret them
- Why and how key insights are driven from good data management

Focused on the key to data knowledge management. you will take away key advice and techniques to implement in your own business.

13:00 – 14:00 Networking Lunch

14:00 – 17:00 Interactive Case Study: Explore and Discover Metabolic Techniques by Using Previous Data Sets & Search Retrieval Functions

This hands on session will give you key insight to the strategies and techniques to deal with metabolic data which can be applied to large data sets in general.

What will you learn?

- How to leverage your whole data set through increasing accessibility
- How to access every data set from every touch point
- To explore and overcome challenges in search retrieval functions
- Where to optimise data analytics through careful analysis and proper integration

With it's specific focus, this workshop endeavours to deal directly with the growing biological needs of the industry and enable you to take away key strategies.

17:00 Close of Workshop Day

Laboratory Informatics Conference Day One Wednesday 28th September 2016

www.compoundmanagementsummit.com

8:00	Registration and Morning Coffee
8:40	Welcoming Address from Pharma IQ
8:45	Chairman's Welcome & Opening Remarks The chair will set the mission statement for the 2 days ahead, introduce the key themes and highlight the outline of the day. Take this opportunity to get to know your peers and discuss your priorities for the next 2 days.
	Drive Efficient Workflows Through an Effective Integration Strategy
9:00	CROSS INDUSTRY KEYNOTE: How we Maximised Efficiency with a Fully Integrated System Globally • Our efficiency aims: setting out clear aims and goals prior to integration • The process and the strategy: how to plan and implement a full integration • Highlight key obstacles and complexity issues • Drive efficiency through a fully readable global database
9:40	Automate Your Lab Effectively & Overcome Key Integration Challenges • A closer look at driver development and automation techniques • Understand the software tools and instruments that aid integration • Overcome standard and more complex integration issues when automating • Underline error challenges and eliminate errors from the beginning • Predict data for the LIMs to read further down the line: prepare for full integration
10:20	Networking Coffee Break
10:50	Align Complex Workflows to Exploit Productivity & Tackle Integration Challenges Internally • Analyse your workflow and assess the areas that need to be adapted to • Vendor selection: pitfalls and benefits • Integrating your new platform with current enterprise solutions • A well integrated workflow: what it looks like and maintenance
11:30	Drive Innovation with Integrated Data Platforms & An Integrated Strategy • Highlight the benefits and implications of integration in a global organization • Share your data across your global organisation with an adaptable system • Prepare your strategy with potential mishaps in mind • Work out the integration hiccups prior to implantation
12:10	Networking Lunch & "Lunch & Learn": By Invite Only
	Advance Your Research and Development with Maximising Accessibility of Your Data
13.20	Demonstrate an Advanced Informatics Platform for Identifying Plant Gene Targets • Enhance yield and stress tolerance • Modulate the results in target food crops • Underline GMO or genome editing approaches

	Understand specific requirements form metabolic informatics
14:00	Capitalise on High Throughput Screening Data: Manage Complex, High Volume Data Sets to Leverage Value - Assess and establish your HTS data: volume, velocity and variety - Manage and process data sets at commercial speeds - Understand and tackle the challenges of HTS data - Leverage the value: the potential of the data
15:00	Networking Coffee Break
15:30	Meta Data: Gain Insight to the Advantages of Collecting Meta Data - A closer look at automated meta data collection - Understand the benefits and implications of introducing meta data collection processes - Change management: understand the value to each scientist of meta data - Unlock the true value of well collected meta data
16:10	Streamline and Align Your Chemistry Workflow with Your Informatics - Outline the key workflow processes that can/can't be changed - Understand the give and take: how to get the most out of your solution provider - Overcome integration challenges with complex workflows - Our case study: the results and benefits
17:10	Chairman's Close of Day One
17:20	Networking Drinks The day maybe over, but with the evening comes a whole host of new opportunity: a chance to absorb and reflect on the knowledge gained from the day and network with your industry peers in customer returns. What better way to reflect than with a cold beverage and a room full of the most influential people in the field? Grab a glass and loosen your tie as some of the more fruitful and controversial topics come to light.  Make the most of this opportunity to get acquainted with the people who are going to continue to be the driving force behind the industries developments and get to the bottom of those challenges closest to you.

Laboratory Informatics Conference Day Two Thursday 29th September 2016

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8:15	Registration & Coffee
8:45	Chairman's Recap on Day One & Introductory Remarks to Day Two Our chairman will recap on day one's key highlights and set the agenda for the rest of the conference to ensure you get the most out of the discussions ahead.
	Leverage Your Data: Enrich and Use the Full Value of Research with Effective Data Knowledge Management
9.00	KEYNOTE PANEL DISCUSSION STOP RE-INVENTING THE WHEEL: CREATE A "DATACUBE" OF INFORMATION TO MAXIMISE RESEARCH DATA ACROSS THE ORGANISATION This keynote discussion looks at 3 leading players in the field and how they have constructed a wealth of information from what they already had. Gain insight in to how to save time on experiments and get to that next blockbuster faster by utilising the work you once did. Storing all your data in a mega database is one

	challenge, but turning that data in to information for the several departments that need to use it, is another ball park completely. This panel shares how to create a database with many faces: clinical, early research and discovery or manufacturing. Use that information and simultaneously increase your research capabilities.													
	Steven Thomas, Senior Investigator, GSK Steve Coombs, AZ Martin Hayes, Pfizer													
9:40	CROSS INDUSTRY CASE STUDY: Push the Boundaries of Your Data by Optimising Data Analytics • Improve data accessibility and visualisation of data • What can you actually do with the data: options and how to implement business changing processes • Optimise data analytics through strategy, teams and solutions • Push the boundaries: unlock business insights and smart information													
10:20	Networking Coffee Break													
10:50	Interactive Round Tables Featuring only the most innovative and inspiring topics in Laboratory Informatics & Digital Transformation, these round tables allow you to decide where you want to gain more insight and interact directly with the experts in the field. With its unique discussions and format, we know you'll be itching to get involved in a few of the tables so you can move between tables after 30 minutes when the bell rings. <table><tr><td>Table 1</td><td>Collaborate Well Through Integrating Data Platforms and Enterprise Software</td></tr><tr><td>Table 2</td><td>Tackle Regulatory & Security Hurdles When Storing Data</td></tr><tr><td>Table 3</td><td>Access the Data Efficiently: From Search Retrieval to Global Access</td></tr><tr><td>Table 4</td><td>Exploit Data for What it's Worth: Beyond the Lab</td></tr><tr><td>Table 5</td><td>Patient Data, Clinical Outcomes and Social Media Data Sets: The Benefits</td></tr><tr><td>Table 6</td><td>Next Gen Sequencing & High throughput Screening: Unlock Value from R&D Data</td></tr></table>		Table 1	Collaborate Well Through Integrating Data Platforms and Enterprise Software	Table 2	Tackle Regulatory & Security Hurdles When Storing Data	Table 3	Access the Data Efficiently: From Search Retrieval to Global Access	Table 4	Exploit Data for What it's Worth: Beyond the Lab	Table 5	Patient Data, Clinical Outcomes and Social Media Data Sets: The Benefits	Table 6	Next Gen Sequencing & High throughput Screening: Unlock Value from R&D Data
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11:50	The Key to an Advanced Organisational Strategy: Collect and Exploit Data for More than it's Purpose • Build an informatics architecture that supports maximum business innovation • Analyse the productivity of your informatics department to determine how much to outsource • Store all data in a retrievable, accessible manner to utilise data across the organisation • Retrieve data quickly and understand the value of the data sets beyond the lab													
12:30	Networking Lunch													
	Maximise Your Informatics in Early Research & Discovery	Enhance Data Use in Downstream Development, QA/QC and Manufacturing												
13:30	Building a Process Intelligence System for Drug Product Development • Do we have a system that leverages all of our research data? • Build a process intelligence system that can process the large volumes and complexity of data sets required • From genomics to metabolites: assessing the complexity of data sets across the board • Ensure accurate target identification with use of all the data available	Identifying and Mitigating Challenges with User Acceptance and Data Quality • Identifying standards around data interchanges that include transfer • Implementing a data transformation system that drives behavioural change • How to deal with internal resistance identify trigger points to manage resistance effectively • Who are the consumers of the data?												
14:10	Leveraging Precompetitive Collaboration to Establish an Industry Standard Research IT Platform	An IT View of Drug Product Development An End to												

	• Making the most of your data: enrich your datasets • Leverage the right information from a standard Research platform • Enhance internal collaboration with a standard platform • Our case study: hints and tips for a successful IT platform	End View of Data Flow to Enable QbD • Implementing IT capabilities to enable data capture and analysis • Integrating data from ELN, LIMS and LES systems • Embedding flexibility in the design for future updates and expansions • Leveraging data to improve experimental design
14:50	Networking Coffee Break	
15:20	Combine Your Biology & Chemistry for the Gems of Research with Informatics • Gain insight to the metabolic processes and what software is needed • Use informatics to specialise in detailed biological and chemical characterization of compounds • Combine high-content screening, ultra-high sensitivity analytical chemistry, genomics and informatics • Build a picture of the metabolic capacity of these environmental strains, and discovering new human health applications	Overcome the Regulatory Hurdles of Sharing Data in Collaboration Projects • Outline the key regulations and requirements when sharing specific data sets • Understand the key complexities in collaborating from a regulation standpoint • Gain practical insight in to how to apply these standards to your projects • The future of the industry: what's next for collaboration and regulatory predictions
16:00	CROSS INDUSTRY CASE STUDY: Drive Metabolic Studies & Informatics with Key Research Data • Our story: drive innovation utilising metabolic data • Explore informatics solutions and strategies that integrate complexities in metabolic structures • Feedback the information to optimize process • Future of the industry: share tips and advice	Continuous Biopharmaceutical Manufacturing: Quality by Design, Systems Integration, and Control • The design space and feedback control strategies for quality assurance • The use of dynamic first principles models to track the propagation of disturbances during production • The relationship between quality assurance, inline sensors, and the plant wide control strategy
16:40	Chair's Closing Remarks	
16:50	Close of Conference	