



REPOSITIVE

Precision Medicine Master Class

What will this course be delivering?

The 3 Day Intensive Course in Precision Medicine is designed to bridge knowledge gaps and to bring true business advantage and understanding of new business opportunities in this novel healthcare sector. The course will provide insight into the past, present and future of precision medicine, with particular emphasis on genome-based precision medicine.

Schedule

Day 1 Precision Medicine today

On day one we will cover the fundamentals of precision medicine, providing insight into key terminology, biology and concepts as well as today's major governmental precision medicine initiatives across the globe.

Day 2 Designing a Scalable & Sustainable Business

On day two, we will focus on innovation, partnerships and investment opportunities, providing attendees a comprehensive overview of the key disease indications, precision technologies and public and private organisations in the industry.

Day 3 Implementation of Business Centric Precision Medicine Strategy

On day three we will provide insight into implementing precision medicine research and investment programs, giving participants knowledge of stakeholders across the industry ecosystem.

Objectives

- Get to grips with the fundamentals of genome-based precision medicine
- Creating a sustainable and scalable business in precision medicine
- Learn about the main aspects of the industry, including key terminology and concepts
- Understand today's global landscape of precision medicine
- Gain insight into public and private precision medicine initiatives across America, Europe and Asia
- Discover the role of genomic data in the business of precision medicine
- Explore business models and options for exploitation of genome-based datasets
- Identify commercial opportunities in diagnostics arising from genome data aggregation
- Understand human factors for market penetration of DNA testing
- Understand the future of advanced precision diagnostics in the clinic
- Analyse the exponential growth of datasets and how to leverage their value
- Discover the emerging industry of precision preventive medicine
- Learn to translate and commercialise of clinical outcomes derived from genome data

- Identify opportunities in the genomics landscape as part of individual health planning
- Learn how innovative companies are investing in this new multi-trillion dollar industry
- Understand how to implement precision medicine into practice
- Appreciate the challenges and opportunities in transitioning to precision based care
- Get to grips with artificial intelligence and big data in precision medicine
- Understand the evolving world of ‘-omics’ and how software is enabling the analysis of vast sums of health data
- Learn about precision medicine opportunities beyond tumour genome sequencing and cancer therapeutics

Target Audience

It is ideally suited to those already working in and those who would like to enter the precision Medtech, Biopharma, Healthcare and Clinical Research Industries. These include life science industries representatives from pharmaceutical, medical devices and diagnostic industries, clinical innovators, hospital executives, payers, policy makers, multidisciplinary researchers, patient advocates, angel and venture capital investors.

Organisers



Dr Manuel Corpas - Scientific Lead at Repositive. Manuel has done pioneering work in exploring his personal genome, through direct to consumer genomic testing and online international collaboration. He crowdfunded the DNA sequencing for both himself and his family, and he was the first to publish the complete collection of genomic data for his family online as Open Access. Manuel was previously Project Leader for plant and animal genomes at TGAC, and his earlier roles included the Sanger Institute, EBI (European Bioinformatics Institute) and the Spanish National Bioinformatics Centre. Alongside his role at TGAC, Manuel was also the ELIXIR-UK Technical Coordinator and board director of the International Society for Computational Biology

(ISCB).