

Introduction



- Founder of the QBD and YEOTY 2019
- Consulting & Solution provider in QA, Validation, Regulatory & PM
- 190 employees and offices in 7 countries
- Two focal points: ATMPs and Medical devices
- Solutions for ATMPs companies:
 - Cell by Design Software platform & methodology for process development for ATMPs
 - . ATMPKick
 MES for ATMPs (developed with neuroplast)
 - QualityKick Cloud based and validated Quality Management system (SAAS)







A quality-focused process development roadmap for ATMPs

Advanced Therapy Medicinal Products (ATMPs)

revolutions to the notices industry.

However, of all ATMs is the have been authorised the foregoes market, forty percent has dready to withdrawn and nose have lasted more than five ye which is a worrying trend, if we want to ensure a viability, something needs to change. Cell By Desi (ChD), a cloud-based software platform that facility is cabilly, cout effective and visitanished ATMP proc.

CbD Focal po

COOT recal position. The backstone of CACO is equility-frequently process development reads lisk-based process assessments qualler source and date where dozone conceller to meral in pre-defender discission pairly state-bases of the ATIPA. In addition to quality manufacturately and suitability of the develope product and process are look-layer CACO. Herefore, this instance product and process are look-layer CACO. Herefore, the statesaccount rigid from the state of a development triple cross, to wrater a hundred presence followed and automated grocess.

Finally, cost effectiveness is highly valued by CbD. Elg. QC often makes us a significant part of the manufacturing costs. By using CbQ, it is possible to build a design-space of the process and product and to apply cheaper

CbO platform

The above is captured in an institutive cloud-based software paticions that is compatible with industry 4.0 standards (seniote monitoring 6s control and efficient data capturing and storage. This way of working facilitating process automation and allows for the implementation of machine learning methods and predictive modelling. The platform is is accorder with ASMPS field occurrent own and in a 25°CF out 11 consilient.

How can CbD help you?

The application of Cibi can be tailored to your specific needs, it can range from a close collaboration for which you have full access to the software and can cause on specialistic advise in process development, and in regulatory challenged to any particular support you need for you make it. 2008 to restin or your particular support you need for you make it. 2008 to restin or you.





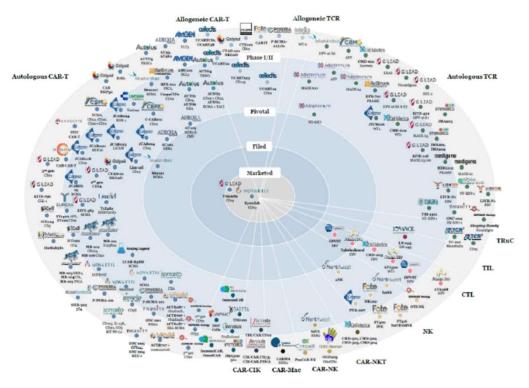






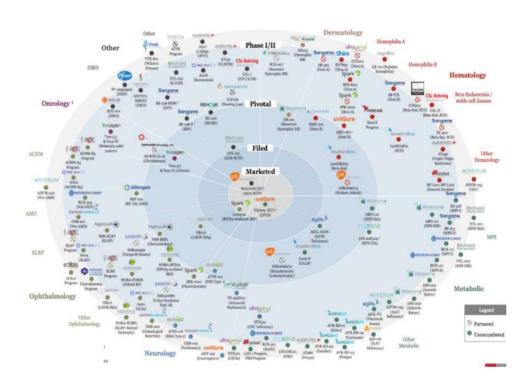


Immune-oncology Landscape



Source: Wells Fargo Securities/Cryoport

Gene Therapy Landscape



Source: Wells Fargo Securities/Cryoport















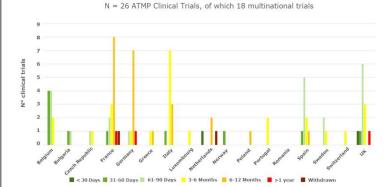








According to respondents, the most important criterion for selecting a clinical trial site and a country is the expertise and the skills of the clinical centers and healthcare professionals, followed by the speed of approval by regulatory authorities, and the quality of the review or expertise of the regulatory authorities.



Approval Times by Country - Overview

https://s3platform.jrc.ec.europa.eu/personalised-medicine

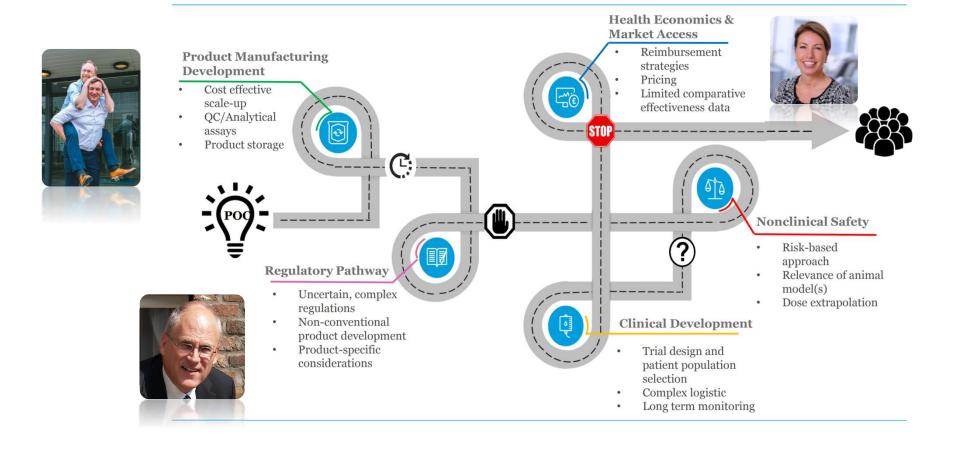








ATMP Challenges



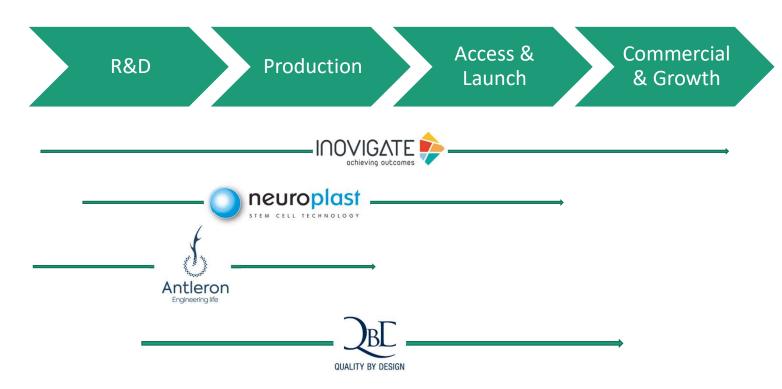








End to end approach







We wish you a very informative morning session!



