

**Topic:** The Innovation Imperative: The Future of Drug Development

**Date/time:** 12<sup>th</sup> November 2018 (Day 2) 12:45 - 13:30

**Venue:** Conference Room 101



**Speaker:**  
**Alberto Grignolo,**  
**Corporate Vice  
President, PAREXEL  
Consulting**



**Panel Moderator:**  
**Sy Pretorius, MD, MBA, MS**  
**Senior Vice President,  
Chief Scientific Officer,  
PAREXEL International**

The research and development (R&D) pipeline is a significant expense for pharmaceutical companies and has become more difficult and more expensive. The R&D costs has been doubled for the last 10 years and time to market is at least 12 years. The future drug development sustainability will continue this trajectory if we don't innovate.

To galvanize action on this critical issue, PAREXEL commissioned The Economist Intelligence Unit (EIU) to conduct an independent research titled "The Innovation Imperative: The Future of Drug Development." The report shows how four key innovations - Adaptive trial design, Patient-centricity trails, Precision medicine trials, and Real-world data trials consistently improve industry success metrics such as enrollment rates, regulatory approval, and payer adoption. However, despite their quantifiable positive will be discussed. impact, their adoption appears low. The reasons for this "adoption lag" and potential solutions will be discussed.

## Speaking Sessions



**Sy Pretorius, MD, MBA, MS**  
**Senior Vice President,  
Chief Scientific Officer,  
PAREXEL International**

**Session:** The New Future of Clinical Operation – ICT Leading Virtual Clinical Trial

**Topic:** Application of Mobile Health in Clinical Development

**Date/time:** 13<sup>th</sup> November 2018 (Day 3)  
11:00 - 12:30

**Venue:** Conference Room 608



**Hideaki Ueda**  
**Clinical Operations,  
PAREXEL International**

**Session:** Current Situation and Future Perspectives of Risk Based Monitoring

**Topic:** New Challenges In Actual Scene by CRA/CRC from RBM Experience

**Date/time:** 13<sup>th</sup> November 2018 (Day 3)  
14:00 - 15:30

**Venue:** Conference Room 608