

The Science of Stability Conference

where "it's all about the science"
3rd Annual SOS 2017

Dublin, Ireland
3-5 October 2017



Stability is critical in developing and commercialising pharmaceuticals, generics, over-the-counter, nutraceuticals and consumer products. Discover how factors such as humidity, temperature, time, oxygen and light impact the shelf-life of products by understanding the science behind degradation and loss of stability.



www.stabilityconference.com

Learn from leading scientific experts about the latest stability innovations and technologies –speakers from AstraZeneca, FreeThink, Janssen, Novartis, Pfizer and the field's top stability consultants and researchers.

Why attend SOS 2017?

- Minimise time to clinic/market
- Avoid surprise reformulations
- Address costly stability issues earlier in development
- Determine packaging to balance performance and cost
- Network with global scientific leaders in stability science

Program at a Glance

Justifying Shelf-Lives When no Degradation is Observed at Accelerated Conditions

Dr. Kenneth C. Waterman, FreeThink Technologies Inc., USA

Prediction of Solution Phase Stability

Dr. Garry Scrivens, Pfizer, UK

Overview of Pharmaceutical Oxidative Degradation Mechanisms

Dr. Steven W. Baertschi, Baertschi Consulting, USA

Applications of Predictive Stability in Early Development

Helen Williams, AstraZeneca, UK

Introduction to the Accelerated Stability Assessment Programme

Dr. Sabine Thielges, Novartis, Switzerland

Physical Form Changes (Polymorphism and Disproportionation) and Influence on Impurity Formation

Dr. Gregory Stephenson, Crystal Pharmatech, USA

Newest Experiences - IQ Risk-Based Predictive Stability Update

Dr. Elke Debie, Janssen Pharmaceuticals, Belgium

Designing Stable Formulations

Thomas Andersson, AstraZeneca, Sweden

Oxygen Sensitivity Modelling and Packaging Implications

Dr. Alisa Waterman, FreeThink Technologies Inc., USA

Science of Humidity and Measurement

Robin Farley, MBW Calibration, UK

Stabilising Amorphous Formulations: Characterizing the Mechanisms that Control the Stability of Disordered Pharmaceutical Materials

Dr. Paul G. Royall, King's College London, UK

Water Vapor Adsorption Induced Deformation of Mesoporous Materials

Dr. Juergen Adolphs, Porotec, Germany

Accelerated Stability Assessment Programme –Case Study for a Tablet Drug Product

Helen Williams, AstraZeneca, UK

Drug - Excipient Interactions: The Effect of Drug Load and Humidity on Degradation Rate

Dr. Garry Scrivens, Pfizer, UK

Accelerated Stability Assessment Programme –Case Study for a Parenteral Drug Product

Dr. Sabine Thielges, Novartis, Switzerland

The Use of Multivariate Control Charts as a Stability Monitoring Tool in Ibuprofen Product Formulation

Prof. Anne Marie Healy, Trinity College Dublin, Ireland

New Type of Oxygen Scavenger for Pharmaceutical Packaging

Prof. Zenon Foltynowicz, Poznan University, Poland