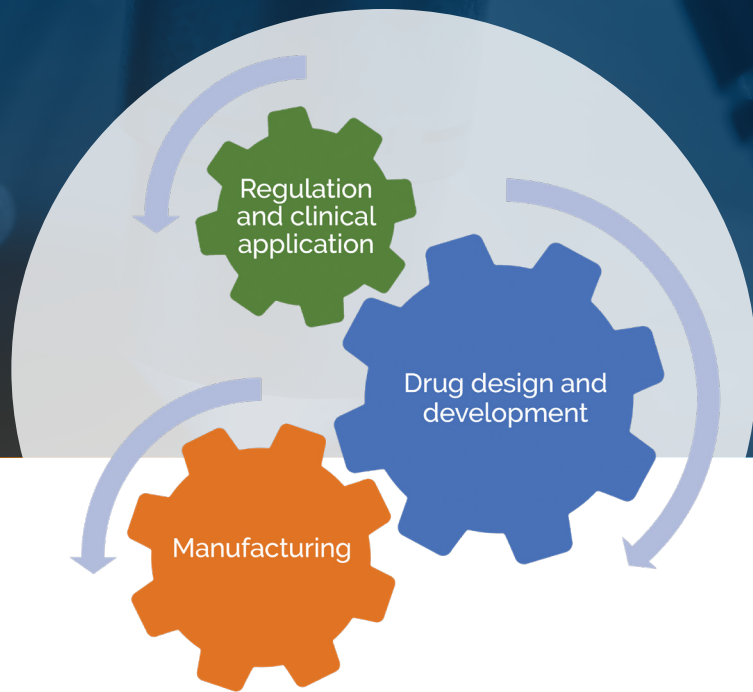


Organised by the Advanced Therapeutics
Medicinal Products focus group of the Academy of
Pharmaceutical Science

Cell & Gene Therapy: from concept to clinical use

May 12th, 19th & 26th 2021
1:00pm - 3:00pm



This is a unique opportunity to join with experts from Academia, NHS and the Pharmaceutical Industry to explore drug delivery strategies, product development, manufacture, regulatory frameworks and the clinical trial process for cell and gene-based medicines. Please go to <https://apsgb.co.uk/event/virtual-webinar-cell-gene-therapy/> for more details.

Overview

The APS are pleased to announce a unique opportunity of a one-day Symposium which will introduce the scientific principles underlying Advanced Therapy Medicinal Products (ATMPs), focussed on cell and gene medicines. Presentations will encompass concepts of cell/organ targeted gene delivery, product processing, manufacture and working with regulatory agencies. The current understanding in each field will be discussed alongside known barriers and potential solutions to their development for clinical use.

Who should attend

The meeting is suitable for those from across academic, industrial and health-care sectors who work or have an interest in cell and gene therapy and ATMP regulations. The broad scope will suit postgraduate students, early career scientists and those transitioning into the pharmaceutical sciences with a focus to ATMPs, or established regulatory experts wishing to gain further insight into the underpinning science and technology, and vice versa. Experts in the respective areas will present and there will be opportunity for discussion and debate within the forum.

DRUG DESIGN & DEVELOPMENT

Weds 12th May 2021
1:00pm - 3:00 pm

• ARPAN DESAI

Associate Principal Scientist, Advanced Drug Delivery, Pharmaceutical Science, Research and Development, Astra Zeneca, UK

Design and Delivery Methods for Gene Therapies

• CHRISTINE DUFÉS

Reader (Associate Professor) in Nanomedicine Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS), Glasgow, UK

Development of Gene-based Nanomedicines for Cancer Therapy

• CHRIS VAN DER WALLE

Director, Formulation, Cell & Gene Therapies, GlaxoSmithKline, UK

Formulation Considerations for T-cell Therapies

MANUFACTURE

Weds 19th May 2021
1:00pm - 3:00 pm

• JULIE KERBY

Managing Director Industrialisation, Cell and Gene Therapy Catapult, UK

Short Presentation: Manufacturing for Advanced Therapy Medicinal Products

• FRANK THIELMANN

Operational Excellence Director, Takeda Pharmaceutical Company, Switzerland

Panel Discussion

• ZAHRA RATTRAY

Chancellor's Research Fellow and Lecturer in Translational Pharmaceuticals, Strathclyde Institute of Pharmacy and Biomedical Sciences (SIPBS), Glasgow, UK

Panel Discussion

REGULATION & CLINICAL USE

Weds 26th May 2021
1:00pm - 3:00 pm

• JOANNE BROADHEAD

Vice President CMC Project Delivery, Freeline Therapeutics Limited, Stevenage Bioscience Catalyst, Gunnels Wood Road, Stevenage, Herts SG1 2FX, UK

In vivo gene therapy: CMC Development and Regulatory Challenges

• ALICE MASON

Lead Pharmacist, Advanced Therapy Medicinal Products The Royal Marsden NHS Foundation Trust, London, UK

Design and Delivery Methods for Gene Therapies

The advanced therapy medicinal products (ATMPs) focus group explores the development, manufacture, regulation and clinical use of ATMPs.

Brings together individuals from a range of disciplines from academia to industry to reflect the unique challenges that are presented by this exciting area of pharmaceutical sciences and welcomes those who are interested in this area.



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