13th May 2020

Moderators: Prof Vitaliy Khutoryanskiy (UK), Dr Rouslan Moustafine (RU), Prof Sarkyt Kudaibergenov (KZ)

11.00: Prof Vitaliy Khutoryanskiy, University of Reading, UK
Introduction

Chair: Prof V. Khutoryanskiy

11.10: Sam Aspinall, University of Reading, UK
Improving toothpaste retention in the oral cavity through novel mucoadhesive formulas

11.20: Daulet Kaldybekov, Al-Farabi Kazakh National University, Kazakhstan
Mucoadhesive maleimide-functionalised nanocarriers for intravesical drug delivery

11.30: Alexandra Sitenkova, Kazan State Medical University, Russia
Interpolymer complexes based on Eudragit copolymers as carriers for gastroretentive drug delivery

11.40: Xiaoning Shan, University of Reading, UK
Polymer structure and property effects on amorphous solid dispersions with haloperidol: poly(N-vinyl pyrrolidone) and poly(2-oxazolines) studies

Chair: Prof S. Kudaibergenov

11.50: Zhanar Nurakhmetova, Institute of Polymer Materials and Technology, Kazakhstan
Physicochemical and Drug Delivery Properties of Gellan Gum

12.00: Ibrahim Shah, University of Reading, UK
Planarian toxicity fluorescent assay: A rapid and cheap pre-screening tool for potential skin irritants

12.10: Natalia Porfiryeva, Kazan State Medical University, Russia
Acrylated Eudragit® E PO as a mucoadhesive material for intranasal drug delivery

Chair: Dr R. Moustafine

12.20: Jamila Al Mahrooqi, University of Reading, UK
Diffusion of thiolated and PEGylated silica nanoparticles into the vitreous humor

12.30: Balnur Zhaisanbayeva, Nazarbayev University, Kazakhstan
Cell-penetrating organosilica nanoparticles for drug delivery

12.40: Roman Moiseev, University of Reading, UK
Ex vivo Ophthalmic Models in Ocular Drug Delivery

12.50 Concluding remarks

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