

## **Meistaravarnir við Lyfjafræðideild Háskóla Íslands 12. - 13. maí 2026**

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### **Dagskrá þriðjudaginn 12. maí 2024 – Hagi stofa 104**

**9:30 – 10:00**      **Quality by design in the scalable manufacturing and stabilization of therapeutic extracellular vesicles – LOKUÐ VÖRN**

**Nemandi:** Lindsey Elizabeth Macdonald

**Umsjónarkennari:** Berglind Eva Benediktsdóttir

**Prófdómari:** Arna Rúnarsdóttir

### **Dagskrá þriðjudaginn 12. maí 2024 – Edda stofa 103**

08:30 – 08:40      Setning – Berglind Eva Benediktsdóttir, deildarforseti Lyfjafræðideildar

**Fundarstjóri:** Berglind Eva Benediktsdóttir

08:40 – 09:05      **Development of Chondroitin Sulfate Conjugates**  
Polyelectrolyte Complex Nanoparticles for Targeted Intracellular  
Antibiotic Delivery

**Nemandi:** Nansý Davíðsdóttir

**Umsjónarkennari:** Már Másson

**Prófdómari:** Benjamín Ragnar Sveinbjörnsson

09:05 – 09:30      **Glycolysis targeting for anticancer purposes through  
GPI inhibition with phosphorylated amide-derivatives of arabinose**  
Molecular Docking, Synthesis, and In Vitro Evaluation

**Nemandi:** Lovísa Halldórsdóttir

**Umsjónarkennari:** Elvar Örn Viktorsson

**Prófdómari:** Guðrún Rútsdóttir

09:35 – 10:00

**Lyfjaskömmun á Íslandi**

Þróun yfir tíu ára tímabil og samanburður á lyfjanotkun eftir  
búsetu á hjúkrunarheimili

**Nemandi:** María Rós Guðmundsdóttir

**Umsjónarkennari:** Anna Bryndís Blöndal

**Prófdómari:** Jón Steinar

10:00 – 10:25

**Method Development for Illicit Drugs and Opioids in Wastewater  
Using Micro-Extraction and Robotic Automation**

**Nemandi:** Andrea Rán Davíðsdóttir

**Umsjónarkennari:** Arndís Sue-Ching Löve

**Prófdómari:** Finnur Freyr Eiríksson

**Kaffihlé 10:25 – 10:45**

**Fundarstjóri:** Bergþóra Sigríður Snorradóttir

10:45 – 11:15

**Development of Hydrogels as Drug Delivery Systems and Testing  
of these systems using Franz Diffusion Cells**

**Nemandi:** Osemeghe Ruth Agogo

**Umsjónarkennari:** Bergþóra Sigríður Snorradóttir

**Prófdómari:** Hákon Hrafn Sigurðsson

11:15 – 11:40

**Formulation Development and Transdermal Delivery for Hand  
Osteoarthritis**

**Nemandi:** Alena Jónsdóttir

**Umsjónarkennari:** Bergþóra Sigríður Snorradóttir

**Prófdómari:** Reynir Scheving

11:45 – 12:10      **Development of Inhalable Azithromycin/rhDNase Dry Powders for Cystic Fibrosis Treatment**

**Nemandi:** Auguste Artúrsdóttir

**Umsjónarkennari:** Páll Þór Ingvarsson

**Prófdómari:** Mingshi Yang

12:10 – 12:45      **Development of Spray-Dried Novel Inhalable Combi-Therapies for the Management of COPD and other Chronic Pulmonary Diseases**

**Nemandi:** Muhammad Israr Ul Haq

**Umsjónarkennari:** Páll Þór Ingvarsson

**Prófdómari:** Mingshi Yang

<b>Hádegishlé 12:45 – 13:30</b>
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**Fundarstjóri:** Páll Þór Ingvarsson

13:30 – 13:55      **Medication-Induced Delirium in Children**  
Clinical Experiences of Healthcare Professionals

**Nemandi:** Ásta Sóley Jónsdóttir

**Umsjónarkennari:** Freyja Jónsdóttir

**Prófdómari:** Anna Harðarfóttir

13:55 – 14:20      **Delirium and Analgesics in adult patients**  
A qualitative focus group study to aid the development of multinational consensus guidelines

**Nemandi:** Hrafnhildur Kara Kristinsdóttir

**Umsjónarkennari:** Freyja Jónsdóttir

**Prófdómari:** Marianne Elisabeth Klinke

**14:20                      Fyrirlesturum lokið – deildarforseti slítur athöfn**