

# The CRISPR Forum

## Agenda

June 6th-7th 2018

	SPEAKER	INSTITUTION	TOPIC
WEDNESDAY, JUNE 6TH 2018	<b>Session 1: Drug Discovery - Target ID</b> Chair: Nicola McCarthy		
	Nicola McCarthy	Horizon Discovery	Session Introduction
	Marco Jost	University of California, San Francisco	Combined CRISPRi/a chemical genetic screens for small molecule target identification
	Michael Schulte	Celgene	<i>In vivo</i> CRISPR screening in patient-derived xenografts
	COFFEE BREAK		
	Fiona Behan	Wellcome Sanger Institute	Target Identification using Genome-wide CRISPR/Cas9 Drop-out Screens in Human Cancer Cell Lines
	Jasper Neggers	Rega Institute Ku Leuven	Identification of a drug's cellular target using CRISPR/Cas-mediated mutagenesis scanning of essential proteins
	NETWORKING LUNCH		
	<b>Session 2: Drug Discovery - Target validation</b> Chair: Anja Smith		
	Anja Smith	Horizon Discovery	Session Introduction
THURSDAY, JUNE 7TH 2018	Doug Ross-Thriepland	AstraZeneca	Leveraging CRISPR/Cas9 to transform drug target discovery
	David Breslow	Yale University	New insights into cilia and ciliopathies from a CRISPR-based screen for Hedgehog signaling
	COFFEE BREAK		
	<b>Session 3: Therapeutics</b> Chair: Nicola McCarthy		
	Nicola McCarthy	Horizon Discovery	Session Introduction
	Abbas Abdullah	University of Massachusetts Medical School	Gene editing of C9FTD/ALS causing (GGGGCC) <sub>n</sub> expanded repeat using CRISPR/Cas9 system in mice
	Heidi Howard	Centre for Research Ethics & Bioethics (CRB), Uppsala University	Gene editing: what's ethics got to do with it?
	NETWORKING DINNER		
	<b>Session 4: Innovations</b> Chair: Tom Henley		
	Tom Henley	Horizon Discovery	Session Introduction
	Shengkan (Victor) Jin	Rutgers University-Robert Wood Johnson Medical School	CRC Base Editing Technology and its Potential for Therapeutic Use
	Blake Wiedenheft	Montana State University	Ordinary CRISPRs with Extra-Ordinary Applications
	COFFEE BREAK		
	Eric Hendrickson	University of Minnesota	The Mechanisms of Precise Genome Editing using Oligonucleotide Donors
	Lin Wu	Harvard University	Mouse Genome Editing Using CRISPR-Cas9 Technology
	CLOSE		

**t** +44 (0) 1223 976 000 (UK) or +1 (855) 772-4252 (USA)

**f** +44 (0)1223 655 581

**e** [info@horizondiscovery.com](mailto:info@horizondiscovery.com)

**w** [www.horizondiscovery.com](http://www.horizondiscovery.com)

**Horizon Discovery**, 8100 Cambridge Research Park, Waterbeach, Cambridge, CB25 9TL, United Kingdom

**horizon**<sup>TM</sup>  
INSPIRED CELL SOLUTIONS