



# Targeting the Ubiquitin Pathway - Ligases

Friday 19 May 2017

The Studio, Birmingham, UK

Organised by SCI's Fine Chemicals group

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## Synopsis

Protein turnover is crucial in maintaining cellular homeostasis and this process is largely controlled by the Ubiquitin Proteasome Pathway (UPP). The pathway consists of an enzymatic cascade that links the polypeptide cofactor Ubiquitin to specific protein targets, which mark them for degradation by the proteasome. This cascade is highly regulated and impacts virtually all cellular processes including cell cycle progression, cell proliferation, cell differentiation and apoptosis. Malfunction of the UPP has been implicated in the development of diseases such as cancer, immune disorders and neurodegeneration.

The ability to understand and manipulate the UPP is a major objective in being able to manage disease biology. While the validity of this approach was first exemplified by the proteasome inhibitor bortezomib, approved by the FDA in 2003 and used in the treatment of multiple myeloma and mantle cell lymphoma, subsequent advances in understanding the role of different components in the UPP have allowed the development of other high quality chemical probes and inhibitors.

This meeting aims to showcase recent innovations by scientists working in both academia and industry in this exciting and rapidly expanding field.

## Attendees

SCI Members can claim CPD points for attending this event.

The CPD Standards Office  
CPD PROVIDER: 41057  
2015 - 2017  
[www.cpdstandards.com](http://www.cpdstandards.com)



## Confirmed speakers

- ▶ **Benedikt Kessler**, Nuffield Department of Medicine
- ▶ **Andrew Westwell**, Cardiff University
- ▶ **Christopher Tinworth**, GlaxoSmithKline
- ▶ **Huib Ovaa**, Leiden University Medical Centre
- ▶ **Satpal Virdee**, University of Dundee
- ▶ **Tom Heightman**, Astex Pharmaceuticals

## Registration

Register today at [www.soci.org/events](http://www.soci.org/events).

### Early bird rates before Friday 14 April 2017:

- ▶ SCI Member . . . . . £80
- ▶ SCI Student Member . . . . . £35
- ▶ SCI Subsidised Member . . . . . £50
- ▶ Non-Member . . . . . £120

### Standard rates after Friday 14 April 2017:

- ▶ SCI Member . . . . . £130
- ▶ SCI Student Member . . . . . £50
- ▶ SCI Subsidised Member . . . . . £70
- ▶ Non-Member . . . . . £170

## Book today

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E: [conferences@soci.org](mailto:conferences@soci.org)  
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