*August 2018*

**Live webinar on pharmaceutical analysis using Raman imaging on Thursday 27th September at 3:00 pm (UK)**

Drug development has become increasingly difficult and understanding formulation design space and the interplay raw materials properties and processing parameters have on the final drug product have never been more important.

The rise of computational methods for drug design has yielded increasingly complex molecules which, although very potent and target-specific, often have poor drugability. An increased emphasis on quality-by-design approaches to drug development has meant that the regulatory authorities, now more than ever, expect to see sound scientific rational behind drug design choices.

To address these issues, George Butcher (Pharmaceutical Product Manager) and Tim Smith (Applications Manager), from Renishaw’s UK Raman team, will be hosting a live webinar on the use of Raman imaging in pharmaceutical drug development.

The webinar, on Thursday 27th September at 3:00 pm (UK), 9:00 am (Chicago), will focus on how Raman imaging can help you to understand your formulation, troubleshoot formulation problems and de-risk the drug development process. [Register here](http://www.business-review-webinars.com/webinar/Pharma/New_tools_for_troubleshooting_formulation_development_using_Raman_imaging-yr8dPzbp).

Renishaw’s RA802 Pharmaceutical Analyser enables the imaging of whole tablets using LiveTrack focus tracking technology and collects high quality spectral datasets for analysis. Find out how Renishaw’s Raman instruments can be used for pharmaceutical research by visiting [www.renishaw.com/raman](http://www.renishaw.com/raman)

**-ENDS-**

**About Renishaw**

Renishaw is one of the world's leading engineering and scientific technology companies, with expertise in precision measurement and healthcare. The company supplies products and services used in applications as diverse as jet engine and wind turbine manufacture, through to dentistry and brain surgery. It is also a world leader in the field of additive manufacturing (also referred to as 3D printing), where it is the only UK business that designs and makes industrial machines which ‘print' parts from metal powder.

The Renishaw Group currently has more than 70 offices in 35 countries, with over 4,500 employees, of which 3,000 people are employed within the UK. The majority of the company's R&D and manufacturing is carried out in the UK and for the year ended June 2018 Renishaw achieved sales of £611.5 million of which 95% was due to exports. The company's largest markets are China, USA, Germany and Japan.

### **For further information**

Please contact:

|  |  |
| --- | --- |
| David Reece Renishaw plc New Mills Wotton-under-Edge Gloucestershire GL12 8JR UK Tel: +44 1453 523968 (direct) Tel: +44 1453 524524 (switchboard) Fax: +44 1453 523901 Email: [david.reece@renishaw.com](mailto:ian.hayward@renishaw.com) [www.renishaw.com/raman](http://www.renishaw.com/raman) |  |