

## Press Release

Rigaku Corporation  
Michael Nelson  
Global Marketing Coordinator  
[michael.nelson@rigaku.com](mailto:michael.nelson@rigaku.com)

# The August 2020 Edition of the *Crystallography Times* Newsletter is Available Online

*Crystallography Times* vol. 12, No. 6 from Rigaku, focusing on single crystal X-ray diffraction, is online at the company's website.

**August 21, 2020 – The Woodlands, Texas.** The August edition of [Crystallography Times](#) from [Rigaku Corporation](#) has been published and is now available on the company's global website. *Crystallography Times*—an electronic newsletter published by Rigaku focusing on single crystal X-ray diffraction—serves the X-ray analysis community, presenting current news and crystallographic research.

The latest issue of *Crystallography Times* introduces the new [Rigaku XtaLAB Synergy Flow](#) system, designed to enhance productivity and enable social distancing by providing unattended data acquisition and standardized workflow to the research environment.



**Rigaku XtaLAB Synergy Flow system**

“Crystallography in the News” presents the latest developments in protein and small molecule crystallography research from around the world, including a report about researchers in Germany and The Netherlands using *in silico* and home laboratory X-ray structures to design better protein-protein interaction inhibitors. Another news item reports on researchers from Genentech and Stanford having elucidated the structure of an essential inner membrane in order to better understand how antibiotics pass through the *E. coli* outer membrane.



The “Researcher in the Spotlight” feature introduces Dr. Andrey Kovalevsky of the Oak Ridge National Laboratory ([ORNL](#)), the largest US Department of Energy science and energy laboratory. Dr. Kovalevsky is a macromolecular crystallographer, biochemist and instrument scientist on the ORNL IMAGINE neutron crystallographic instrument.

*Science Fictions: How Fraud, Bias, Negligence, and Hype Undermine the Search for the Truth* by Stuart Ritchie is covered in this month’s book review. It explores how fraud, bias, negligence, and hype negatively impact the scientific enterprise.

The August *Crystallography Times* also offers useful links to relevant blogs and tutorials, featured videos and access to the Rigaku Oxford Diffraction [user forum](#).

Readers can subscribe to the newsletter or view the current issue online at <https://www.rigaku.com/subscribe>.

### **About Rigaku**

Since its inception in Japan in 1951, Rigaku has been at the forefront of analytical and industrial instrumentation technology. Rigaku and its subsidiaries form a global group focused on general-purpose analytical instrumentation and the life sciences. With hundreds of major innovations to their credit, Rigaku companies are world leaders in X-ray spectrometry, diffraction, and optics, as well as small molecule and protein crystallography and semiconductor metrology. Today, Rigaku employs over 1,400 people in the manufacturing and support of its analytical equipment, which is used in more than 90 countries around the world supporting research, development, and quality assurance activities. Throughout the world, Rigaku continuously promotes partnerships, dialog, and innovation within the global scientific and industrial communities.

For further information, contact:

Michael Nelson  
Rigaku Global Marketing Group  
tel: +1. 512-225-1796  
[michael.nelson@rigaku.com](mailto:michael.nelson@rigaku.com)

###