driven by constant innovation and volatility. The company has had
startups, but it is certainly an intriguing portrait of success in an industry
success. It may not necessarily be a repeatable blueprint for other biotech
development of a vaccine in the midst of a global pandemic.

He starts with brief biographical profiles of the company's founders,
range of careers and industries who may have crossed paths with the
interviews with over 150 people, ranging from Moderna employees and

The Messenger: Moderna, the Vaccine, and the Business
By Peter Loftus

X-ray safety enclosure while exchanging sample pucks. That means the
collection can be easily performed, thus minimizing the time required to be
mounting, potential contamination of the diffractometer by human contact is
performance level you require.

standardized workflow for your research environment. The XtaLAB Synergy
performance of your system by incorporating a 6-axis UR3 Universal Robot,

DNA replication process.

silencing (RITS). Professor Joshua-Tor is also well known for her work on
and function of Zucchini, a key nuclease in the initial generation of piRNAs
key parts of the protein that are required for slicing activity.

very similar protein, called Argonaute 1, which has no slicing ability even
during RNAi.

went on to explore the mechanism of the slicing event. The structure of
Argonaute protein and identified it as the long-sought Slicer. They then
offered critical insight when they solved the crystal structure of the
double-stranded RNA triggers gene silencing. Joshua-Tor and her team
such regulatory process is RNA interference (RNAi), in which a small,
acid regulatory processes using structural biology and biochemistry. One
Professor Leemor Joshua-Tor's lab studies the molecular basis of nucleic

Cancer Center Program Co-Leader
W.M. Keck Professor of Structural Biology

RESEARCHER IN THE SPOTLIGHT
Joe Ferrara

In other news, I am happy to report that Lee Daniels will be returning to the

Joe Ferrara

Rigaku Europe on September 2: the ribbon cutting ceremony for the XtaLAB Synergy-ED. Below is a
picture of the instrument with (left to right) Mark Benson (General Manager
the fall. See the Upcoming Events listing. We hope to see you at some of

August 16, 2022

Los Angeles, CA, December 5,

2022 SoCal Cryo-EM Symposium,

Jeju, South Korea, October 30,

AsCA 2022 (Asian

Meeting (SERMACS 2022), San

73rd Southeastern Regional ACS

Aussois, France, October 17-21,

électronique pour la

October 11-12, 2022.

Meeting, Neu-Isenburg, Germany,

The Pittsburgh Diffraction

attend live sessions.

watch recordings if you cannot

fields of X-ray diffraction, X-ray

RIGAKU TOPIQ WEBINARS

RIGAKU X-RAY FORUM

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Ukraine

It seems that almost everyone has a connection to something in the war in Ukraine:
helping Ukrainians survive the
Here are links to organizations

August 16, 2022

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