



## PRESS RELEASE

### The Omega Lum G from Aplegen aids workflow at DePaul.

Yet another satisfied user of an Aplegen gel documentation systems brings the user base to over 300 systems. An Omega Lum G system has recently been installed at the College of Science and Health of DePaul University in Chicago.

There, Assistant Professor of Neurobiology, Dr Eric Norstrom and his lab focus their research efforts on comprehension of the cellular mechanisms behind neurodegenerative diseases like Alzheimer's and prion diseases. By studying the molecular function and processing of proteins involved in these diseases, they hope to gain insight that will ultimately add to the knowledge on how to most effectively and safely treat them.

Techniques used in their research include cell culture, fluorescence microscopy, and common proteomic techniques such as electrophoresis and western blotting. Imaging was difficult to accomplish with one imaging system that supported a whole department (8-9 labs), and quickly became a bottleneck in their workflow. When Dr Norstrom started the search for his own system, he wanted something simple and easy-to-use. Additional requirements included system compatibility with DNA and protein gels, UV and blue-excitable dyes, Western blots, and a price point that was budget friendly for individual labs.

After evaluation of multiple systems, the Omega Lum G prevailed. "It's a versatile machine and quite powerful for the price", says Dr Norstrom. "This is a great form factor for small labs and small footprints. I use it for routine imaging of Western blots, and DNA gels. The software is straightforward and easy to use". The Omega Lum G proved to be an efficient solution for their workflow bottleneck, allowing Dr Norstrom and his team to focus once again on protein and cellular functions.

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