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Promega unveils GloMax Galaxy Bioluminescence Imager for illuminating protein dynamics in real time

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Bioluminescence imaging allows for use of a single luminescent reporter throughout workflow



US-based Promega Corporation, a life-sciences research partner dedicated to providing intuitive tools that empower scientists to innovate, has unveiled the new GloMax Galaxy Bioluminescence Imager being showcased at the annual Society for Neuroscience (SFN) 2024 conference in Chicago October 5-9.

The GloMax Galaxy Bioluminescence Imager provides researchers the opportunity to observe the dynamics and cellular physiology of low expression protein targets in real time. This advanced microscope is developed for the visualisation of Promega NanoLuc luciferase chemistries, eliminating the complex process of translating bioluminescent reporter assays into fluorescence.

GloMax Galaxy Bioluminescence Imager is a benchtop instrument developed for the visualisation of all NanoLuc technologies, including HiBiT, NanoBiT and NanoBRET. The technology allows researchers to use the same bioluminescent reporter used in other parts of their workflow.

GloMax Galaxy Bioluminescence Imager joins an existing portfolio of detection instruments developed by Promega. GloMax microplate readers and luminometers are capable of measuring luminescence, fluorescence, absorbance, bioluminescence resonance energy transfer (BRET) and fluorescence resonance energy transfer (FRET) at a range of throughputs.