



The full potential of OLED technology is being held back by performance and cost barriers inherent in the traditional small molecule and polymer materials. Molecular Glasses, a global leader in advanced organic materials for OLED technologies, has introduced a revolutionary new class of organic semiconductor materials poised to eliminate both of these issues. **NON**crystallizable™ materials are amorphous, soluble small molecules that prevent aggregation of dopant emitters and have demonstrated significant improvement in OLED lifetime.

**NON**crystallizable™ materials offer an ideal platform for the development of high-efficiency, long-lasting blue OLEDs, for manufacturing through both vacuum-thermal deposition and solution processes. The cost and performance benefits of Molecular Glasses' approach are positioned to transform OLED applications across large-and small-scale displays, automotive electronics, lighting, disrupting a market which is estimated to reach \$4 billion by 2020.

Headquartered in Rochester New York, Molecular Glasses is a member of Luminate ([www.luminate.org](http://www.luminate.org)), the world's largest startup accelerator for optics, imaging, and photonics enabled applications. The company employs leading edge scientists, with extensive experience in material science, along with seasoned commercial and marketing personnel. The company is also a member of the Rochester Institute of Technology Venture Creations Incubator and has received substantial financial and services support from the New York State Research and Development Authority.

Molecular Glasses has developed a robust Intellectual Property position upon which the company continues to build. Earlier this year, the U.S. Patent Office awarded patent no. 9,859,505 to Molecular Glasses, Inc. for "Charge-transporting molecular glass mixtures, luminescent molecular glass mixtures, or combinations thereof or organic light emitting diodes and other organic electronics and photonics applications." Molecular Glasses has an additional 17 global patents pending.

Molecular Glasses is currently focused on the development of blue OLED host materials and is working with industry leading emitter suppliers to improve the lifetime of OLED devices. Given the solubility of our materials, Molecular Glasses is also working with OLED ink developers.

Molecular Glasses is actively looking to secure strategic partnerships and development agreements with leading industry participants to accelerate our time to market.

For more information contact Mike Molaire, CEO: [mikemolaire@molecularglasses.com](mailto:mikemolaire@molecularglasses.com)