



Evident Technologies Licenses Rockefeller University's Water Soluble Nanoparticle Complexes Enabling Biological Uses of Quantum Dots

The Rockefeller University preparation enables quantum dot uses in extremely long duration fluorescent measurements, applications in cell biology, in vivo analysis and other cell labeling applications.

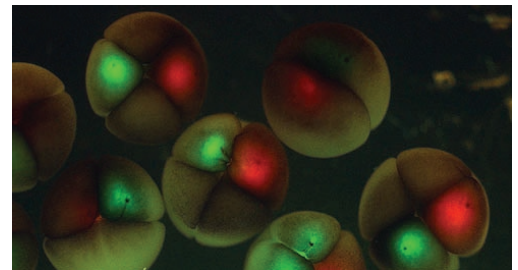
Evident Technologies announced today that it has been granted a world-wide license to make, use, import, sell and offer for sale in all fields of use certain intellectual property relating to water soluble metal and semiconductor nanoparticle complexes. The unique and novel work was developed by Dr. Albert Libchaber, Head of the Laboratory of Condensed Matter Physics of Rockefeller University. The terms and conditions of the license are undisclosed.

Quantum dots are nanoscale crystals that glow from deep blues all the way through the infrared spectrum due to their unique semiconductor and tunable quantum physics properties. These properties will enable a whole new range of biological measurement to be conducted well beyond the currently available organic fluors traditionally used in the biotechnology field. Quantum dots have the ability to fluoresce for days to even years, a capability that is well beyond any organic dye or biological assay. Evident Technologies, by licensing this technology, will make a very wide variety of quantum dots available to biologist and marshals in a whole new range of capabilities. To exploit the use of quantum dots, Rockefeller made a crucial modification that allows quantum dots to be compatible with biological systems to permit a wide variety of cell labeling and other possible applications.

Dr. Clinton Ballinger, CEO of Evident Technologies, states: "We are very pleased to further extend our capabilities by licensing this technology from one of the world's most prominent research university. By combining our ability to produce quantum dots across a very wide spectrum and in large quantities with the Rockefeller University's water soluble preparation we can support the needs of biotechnology researchers, assay developers and reagent suppliers with a whole new fundamental capability to research the most essential aspects of cells and thus life." Ballinger continued: "Seeing quantum dots migrate through a cell as it develops was one of the most exciting things we have seen. We can imagine applications to see how cancers cells develop, how cells become differentiated or other aspects of biology that can now be directly observed."

Dr. Albert Libchaber, Rockefeller University's Detlev. W. Bronk Professor and one of the scientists in the University's Center for Physics and Biology, states: "The uses of semiconductor nanocrystals have the potential to revolutionize biological imaging. By making quantum dots stable in water we can make a very flexible biolabel that has numerous advantages in both in vivo and in vitro studies and applications. Extending the way quantum dots can be used opens a whole new range of capabilities for the researcher."

Ed Moran, Director of Product Innovation of Deloitte and Touche, states: "Evident's recent deal with Rockefeller illustrates how emerging companies can bring to market innovative, cutting-edge products with surprising speed and efficiency. Evident has accomplished an impressive feat in economically commercializing nano products in an industry that often characterized more by abstract promise than by shipping product. I expect Evident's access to additional intellectual property to enhance further their product offerings."



Rockefeller University's quantum dots applied to frog embryo using water soluble nanoparticle complexes

About Evident Technologies

Evident Technologies, Inc. is a world-leader in manufacturing semiconductor nanocrystals and their applications. Evident focuses on biotechnology applications of nanotechnology with state-of-the-art materials and in leading the way for expanded applications in telecommunications, photonics, and lighting applications. Evident enables other companies to explore a plethora of applications and innovations by joining our Nanotechnology Web™. For more information on Evident please visit www.evidenttech.com.

About quantum dots at Rockefeller University:

“First Quantum Dots Applied to Living Organism,” Dec. 2002 news release, with movie of quantum dots in living cells: www.rockefeller.edu/pubinfo/120202.php

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