



## **MEDIA ALERT**

**For Release – November 6, 2007**

### **Optomem Gas Sensor Technology Awarded OCE Funding**

*Toronto, Ontario* – Imagine a gas sensor device small enough to fit in your pocket and capable of detecting several potentially dangerous gases at once.

For researchers at the University of Toronto, they're not just imagining such technology, they're developing it. And with recently announced funding support from the Ontario Centres of Excellence (OCE) Inc., this technology is quickly moving from research to a viable commercial product.

Optomem has been working with the University of Toronto to develop an innovative micro-device that will feature a multi-species gas sensor chip that is portable -- small enough to fit into personal badge devices, or networked in a wireless array for point source detection.

This technology can detect harmful elements and pathogens for a broad range of applications – from monitoring air quality within industrial plants, to assisting Emergency Services, to the detection of toxic gas agents.

“We're very pleased that the OCE sees the commercial potential of this technology,” said Dr. Darren Lawless, the director of Monteco's Research and Development Centre. “Having spoken with experts in the field, we believe this technology could be a giant step forward in the gas sensor industry.”

“Conventional gas detection sensors require multiple individual sensors to detect different types of gases,” said Antonio Liberatore, Optomem's Director of Business Development. “This technology will allow for various gases to be detected through a single, simultaneous substance specific sensor.”

#### **About Optomem**

Optomem Sensors Inc. provides emerging micro sensor technologies for air quality detection for industrial, security and indoor air quality applications.

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