



Intermolecular and SITRI Expand Strategic Alliance to Accelerate Development of Advanced Memory Technologies for the China Market

SAN JOSE, Calif. and SHANGHAI, January 22, 2018 -- [Intermolecular](#), Inc. (NASDAQ: IMI), the trusted partner for advanced materials innovation and [SITRI](#), the innovation center for accelerating the development and commercialization of “More than Moore” (MtM) technologies, today announced they have expanded [their strategic alliance](#) to address the growing need for advanced new memory technologies in the China market. As part of this alliance, IMI has begun delivering critical unit films to SITRI and the two companies will work together with an end goal of producing a working memory device that their joint customers can use to drive future memories and IoT innovations forward.

There is a major need in the industry today for next-generation memory technologies that can deliver the performance, density, low power and small form factors needed for future memories and IoT devices. Current technologies face inherent limitations in meeting these requirements, making it more important to find new materials that can solve these challenges. By combining IMI’s high-throughput experimentation platform with SITRI’s expertise and strong ecosystem, the two companies can rapidly ease materials screening to enable advanced memory technologies to power the future.

“IMI has extensive experience working with memory technologies, including the thin film and stacks required to manufacture these devices,” said Chris Kramer, CEO of Intermolecular. “This expertise, combined with SITRI’s expansive services, resources and industrial ecosystem, will be ideal for accelerating the development of an advanced memory technology.”

“We see tremendous opportunity for a new memory technology in the China market, but the process of selecting, testing and commercializing the right materials to deliver this can be costly and very time consuming,” said Charles Yang, president of SITRI. “Intermolecular already has this experience and proven methodology, which will help us greatly speed this process and provide our customers with new innovations in memory.”

Strategic Alliance Details

With an extensive patent portfolio focused on memory technology, Intermolecular will provide SITRI with the expertise and knowledge base to produce a working memory device at a SITRI fab, which can later be transferred to their joint customers. Intermolecular will gain access to

test vehicles and device capability through the use of SITRI's MtM fab and SITRI will leverage Intermolecular's new materials expertise in memory to perform rapid screening to optimize critical material selections.

Tweet This: SITRI and Intermolecular begin development of advanced memory technology for the China market. @IMIMaterials, #materialsinnovation



Intermolecular's 30,000 square-foot Lab.



SITRI's "More than Moore" Fab and R&D Pilot Line

About SITRI

SITRI (Shanghai Industrial μ Technology Research Institute) is committed to innovation and industrialization of the "More than Moore" technology and Internet of Things applications. As a global collaborative innovation center, the SITRI integrates R&D, engineering and incubation to provide innovative companies and partners with comprehensive services and solutions. The SITRI has established close cooperative relations with many famous enterprises, universities of higher learning and research institutes both at home and abroad, which will help the SITRI realize the efficient industrialization of innovative outcomes and speed up the establishment of the "More than Moore" technology and the Internet of Things ecological system. For more information, visit www.sitrigroup.com.

About Intermolecular, Inc.

Intermolecular is the trusted partner for advanced materials innovation. Advanced materials are at the core of innovation in the 21st century for a wide range of industries including semiconductors, consumer electronics, automotive and aerospace. With its substantial materials expertise, accelerated learning and experimentation platform and customer-driven

approach, Intermolecular has a decade of experience helping leading companies accelerate materials innovation.

“Intermolecular” and the Intermolecular logo are registered trademarks; all rights reserved. Learn more at www.intermolecular.com or follow on Twitter at @IMIMaterials.

PRESS CONTACT:

Tanis Communications, Inc.

Nicole Conley, +1 650-422-3156

nicole.conley@taniscomm.com

INVESTOR CONTACT:

Matt Glover or Najim Mostamand, CFA

Liolios Group, Inc.

IMI@liolios.com

[\(949\) 574-3860](tel:(949)574-3860)