

Extraordinary science that ensures unthreatened air for our space station astronauts is also being used in hospitals to catch and *destroy* deadly and resistant airborne microorganisms.



"The opportunity for AirInSpace is very large, given the pressure regulators are placing on hospitals to better safeguard their air quality and, ultimately, their patients and staff."

Jean Michel Broun
Baring Vostok Capital Partners



"Hospitals must respond quickly to the challenge of controlling their environment but economically are forced to minimize costs associated with complete redesign of entire facilities."

John H. Markels, PhD
Merck & Co.



"AirInSpace technology is one of the most important advances in indoor air treatment for medical purposes in the last 10 years due to its powerful combination of HEPA filtration and germicidal efficacy. Reliance upon conventional HEPA filters that lack germicidal attributes will soon become antiquated."

Eckhard Polzer
Medical Technology Consultant

"Our technology has proven effective even against some of the most harmful and resistant microorganisms..."

Laurent Fullana, CEO, AirInSpace

the *Nasty-Bug* catchers

By Ronald C. Trahan

Remarkable technology that has been protecting astronauts aboard the **International Space Station (ISS)** since 2000 against harmful particulates and microbes is now defending a growing number of hospitals on earth, thanks to Paris-based **AirInSpace**. The Company recently announced that it raised **\$8.5 million** in venture capital financing to expand its operations throughout Europe, Asia and the United States, where it has established headquarters in **Sterling, Virginia**.

The AirInSpace U.S. operations are led by **Wade Tetsuka, President**, a seasoned medical device industry executive. Tetsuka was previously President of WaveLight Inc., launching the ALLEGRETTO WAVE™ in the U.S., which became the fastest-selling excimer laser for LASIK/refractory surgery procedures from 2003 to 2006. The company was subsequently sold to Alcon, Inc.

"The healthcare industry is making a full-fledged assault upon combating infections in acute care hospitals," says Tetsuka. "AirInSpace has put a high-tech tool into the hands of hospitals for effectively and safely managing their air quality to help protect patients from airborne pathogens. We are extremely pleased that **AirInSpace has introduced the PlasmairT2006 by AirInSpace as an FDA-cleared medical device**, which sets us apart from the masses of other mobile 'air cleaner' products in the hospital market that lack this designation."

AirInSpace CEO **Laurent Fullana** is a physicist by training and holds an MBA degree from Columbia University Business School. "We have something

that hospitals all over the world *need and want*, a **mobile unit that catches and inactivates harmful microbes** and is substantially **more cost-effective than retrofitting hospital-building HVAC systems or even deploying less efficient mobile HEPA filter units that are not able to provide any level of germicidal efficacy**," he says. "No doubt, we truly have a **homerun opportunity** ahead of us in the U.S."

In less than three years, there are more than 100 hospitals in the home market of France utilizing AirInSpace devices. Indeed, **over 75%** of the hematology wards in French hospitals have used the Company's devices. The technology has been tested in world-renowned labs,



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such as the **Harvard School of Public Health** and leading research/teaching hospitals around the world, for its ability to effectively and safely filter and inactivate even the most resistant airborne microorganisms. Widely utilized HEPA filter devices—both in-duct and mobile units—are able to effectively capture airborne particulates; **AirInSpace's devices achieve HEPA filtration but go a vital step further to inactivate the captured organisms.** ■