

The Pulse: Smelling Salmonella & Biomedical Experiments in Space

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This week on The Pulse, we are designing medical devices for space, diagnosing the undiagnosable, reconstructing vessels in 3D, and smelling salmonella so we don't get sick. This episode features:

- **Biomedical Experiments Held at Space Station:** The NASA International Space Station National Laboratory office, and the Center for the Advancement of Science in Space have joined forces to design a bone densitometer.
- **Diagnosing the Undiagnosable:** 350 million people worldwide are affected by rare or undiagnosed diseases, and whole-genome sequencing and interpretation tools have the potential to provide them with answers.
- **3D Vessel Reconstruction:** The ILUMIEN OPTIS from St. Jude Medical offers a new perspective on coronary arteries, and has recently received FDA approval for launch.
- **Smelling Salmonella:** Foodborne illnesses makes 1 in 6 Americans - or 48 million people - sick each year. It spreads easily, and is difficult to control, so quick detection is critical in halting its spread.

For more information on Avalara, visit www.avalara.com [1].

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<http://www.mdtmag.com/videos/2013/10/pulse-smelling-salmonella-biomedical-experiments-space>

Links:

[1] <http://www.avalara.com/>