

**Karen Bentley**  
wins  
ORS AWARD  
For  
**Best Poster**  
**Teaser**  
**Platform Presentation**  
San Diego  
March 19-22

Quantifying *Staphylococcus aureus* motility through submicron pores via an in vitro nanoporous transwell system that mimics canaliculi colonization.

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Mark Ninomiya, Kohei Nishitani, John L. Daiss,

Stephen L. Kates, Hung Li Chung, James L. McGrath, Edward M. Schwarz

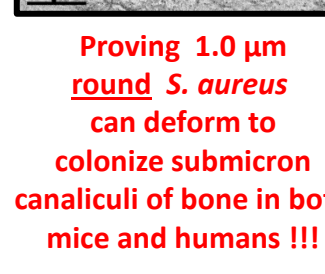
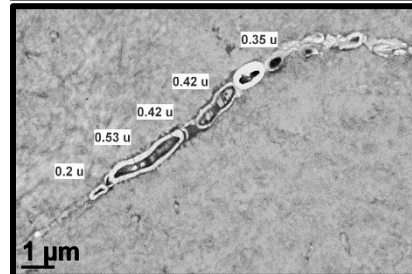
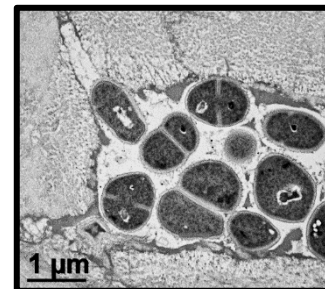
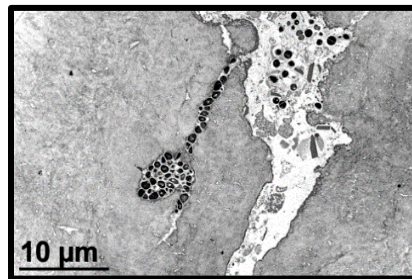
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**MOUSE**  
Infected Bone

**TEM Teaser Image**

**HUMAN**  
Infected Bone



Proving **1.0 μm round *S. aureus*** can deform to colonize submicron canaliculi of bone in both mice and humans !!!

