



## Myriad Blebs (in green) in tick gut

**Figure 3**

Spirochetes shed myriad blebs during early feeding (24 hours after placement). (A) Composite confocal image showing the distribution of spirochetes and numerous blebs through the full thickness of a mid-gut (45  $\mu\text{m}$ ); shown in the inset is a spirochete shedding blebs. Arrow indicates the cell in the consecutive confocal sections in B–H. (B–H) Localization of an intracellular bleb (arrow) present within A by consecutive 0.5- $\mu\text{m}$  confocal sections acquired through the full depth (3.5  $\mu\text{m}$ ) of an epithelial cell. N, nucleus. Scale bars: 25  $\mu\text{m}$ .