Supplement figures

**Figure S1**: Pie charts show percentages of methicillin-sensitive (MSSA) and methicillin-resistant Staphylococcus aureus (MRSA) in culture results from papers from tropics (top), sub-tropics (middle) and temperate (bottom) regions.
Figure S2: Pie charts show the percentages of isolates from the three bacteriologic groups in papers published between 2000-2008 (left) and papers published between 2009-2017 (right).

Figure S3: Bar graph shows numbers reported for the ten most common microbes/groups from papers before (blue parts) and after 2009 (red parts).
Methicillin resistance in *Staphylococcus aureus*

Figure S4: Pie charts show percentages of methicillin-sensitive (MSSA) and methicillin-resistant *Staphylococcus aureus* (MRSA) in culture results from papers published between 2000-2008 (left) and papers published between 2009-2017 (right).

Search strategy

The following strategy was used to search Ovid Medline

1. Adult.mp. or middle aged.sh. or age:.tw.
2. Pleura empyema/
3. Pleura effusion/
4. Exp pleurisy/
5. Empyem*.ti,ab.
7. Pyothorax.ti,ab.
8. Pleuritis.ti,ab.
9. (Pleur* ADJ4 effus*).ti,ab.
10. (Pleur* ADJ4 infect*).ti,ab.
11. (Pleur* ADJ4 suppurat*).ti,ab.
12. (Pleur* ADJ4 collect*).ti,ab.
13. OR/2-12
14. 1 AND 13
15. Exp animals/ not humans.sh.
16. 14 NOT 15
17. Limit 16 to yr="2000-2017"