

**Table S1** Summary search in PubMed (May 1<sup>st</sup>, 2014 to October 28<sup>th</sup>, 2024)

Search terms	Best match articles (number)	Selected articles (number)
<i>Staphylococcus aureus</i> AND metabolic adaptation	763	0*
<i>Staphylococcus aureus</i> AND transcriptome AND virulence factor	154	70
<i>Staphylococcus aureus</i> AND platelet concentrates	151	63
Platelet concentrates AND bacterial contamination AND <i>Staphylococcus aureus</i>	32	30
Platelet concentrates AND <i>Staphylococcus aureus</i> AND transcriptome	3	1
Platelet concentrates AND <i>Staphylococcus aureus</i> AND virulence	8	2
Platelet concentrates AND <i>Staphylococcus aureus</i> AND metabolic adaptation	1	0

\* Search terms were not focused enough.