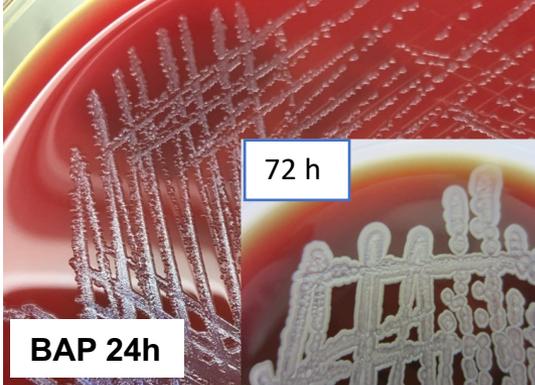


***Burkholderia pseudomallei* WORK IN BSC ONLY**
 Major pathogen in pneumonia, abscesses, skin lesions, blood cultures

Strong musty smell
DO NOT SNIFF

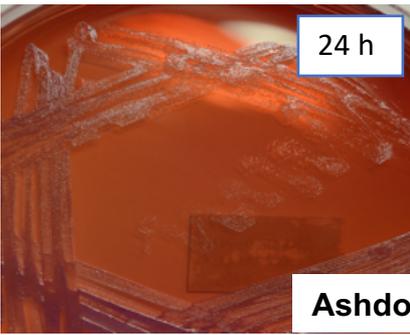


Oxidase +
 Catalase +
 Indole -



72 h

BAP 24h

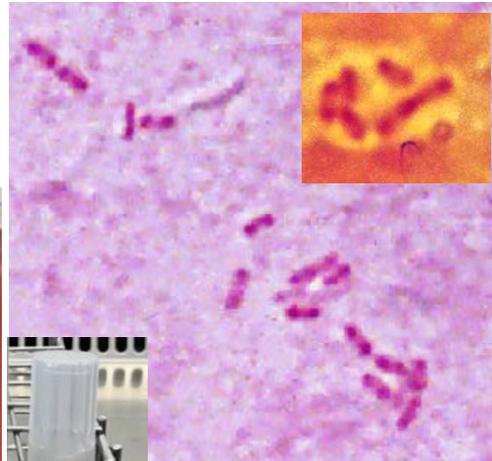


24 h



72 h

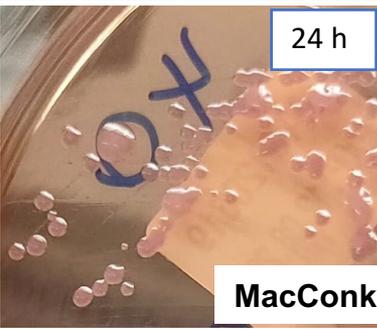
Ashdown's agar



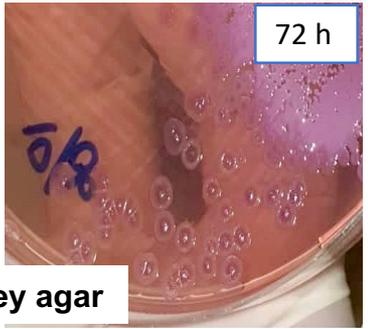
Gram neg rod
 Bipolar staining

BAP smooth metallic colony at 24 h
 BAP wrinkled colony at 48-72 h

MAC smooth NLF at 24h,
 MAC wrinkled pink colony at 48-72 h



24 h

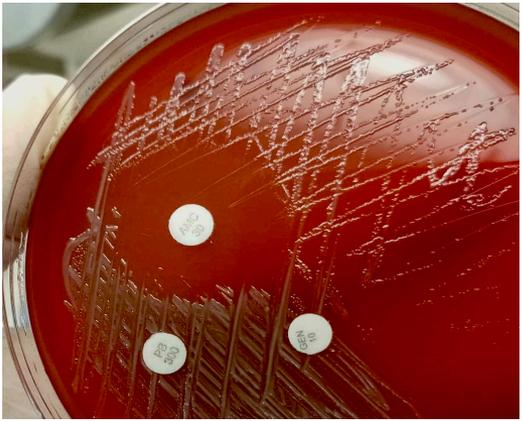


72 h

MacConkey agar



KIA: Alk/No Change
 Good growth on slant



Blood culture positive with GNB:
 Direct subculture to BAP with
 3 disk test*

Characteristic	<i>B. pseudomallei</i>	<i>B. cepacia</i>
Wrinkly colony	+	Neg
*Gentamicin (GEN)	Most R	R
*Polymyxin (PB)	R	R
*Amox/Clav (AMC)	S	Most R
Musty odor	+	Neg



***B. cepacia*: smooth,
 pale greenish colonies
 on BAP**