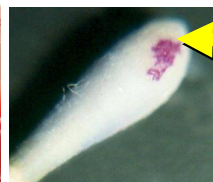


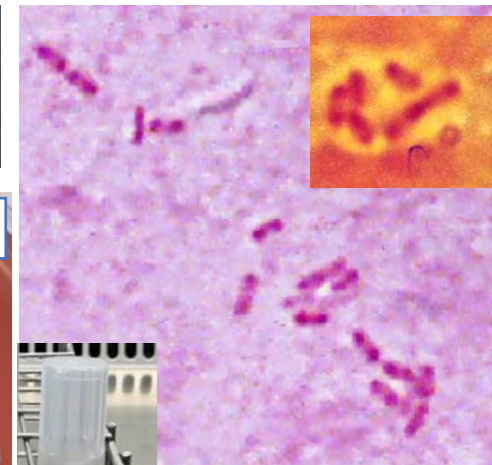
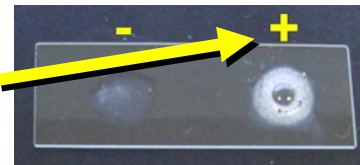
# *Burkholderia pseudomallei* **WORK IN BSC ONLY**

Major pathogen in pneumonia, abscesses, skin lesions, blood cultures

**Strong musty smell**  
**DO NOT SNIFF**



Oxidase +  
Catalase +  
Indole -



**Gram neg rod**  
**Bipolar staining**



**KIA: Alk/No Change**  
**Good growth on slant**

72 h

BAP 24h

24 h

72 h

Ashdown's agar

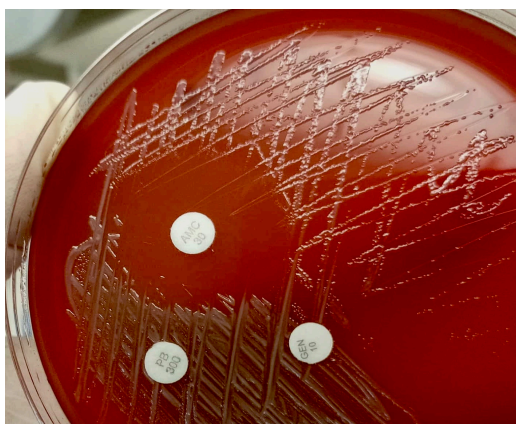
24 h

72 h

MacConkey agar

**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**



**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**