

Name: *Janibacter melonis*

Authors: Yoon et al. 2004

Status: New Species

Literature: Int. J. Syst. Evol. Microbiol. 54:1979

Risk group: 1 (German classification)

Type strain: DSM 16063, JCM 12321, KCTC 9987

Author(s) Yoon, J.-H., Lee, H. B., Yeo, S.-H., Choi, J.-E.
Title *Janibacter melonis* sp. nov., isolated from abnormal
spoiled oriental melon in Korea.
Journal Int. J. Syst. Evol. Microbiol.
Volume 54
Page(s) 1975-1980
Year 2004

Genus: *Janibacter* **FH 6514**
Species: *melonis*
Numbers in other collections: **DSM 16063**

Morphology:

	G	R
<u>ISP 2</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 4</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 5</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	ivory
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	ivory
	A	SP
	none	none

Melanoid pigment: - - - -

NaCl resistance: %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

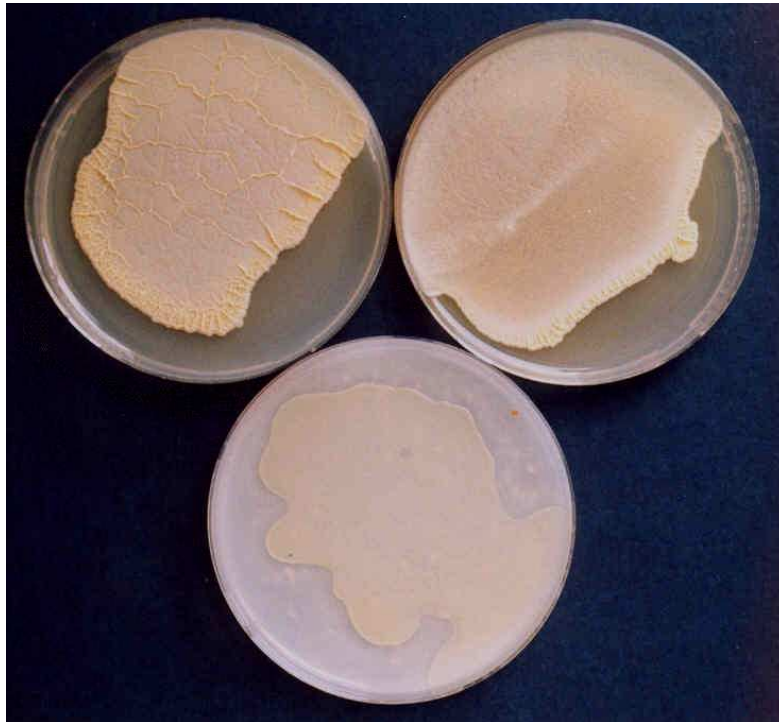
Carbon utilization:

Glu	Ara	Suc	Xyl	Ino	Man	Fru	Rha	Raf	Cel
+	-	+	-	+	+	+	-	-	+

Enzymes:

2 -	3 +	4 +	5 +	6 +	7 +	8 -	9 +	10 -	11 -	
12 -	13 -	14 -	15 -	16 +	17 +	18 -	19 -	20 -		
Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
+	-	-	-	-	-	+	-	+	+	-

Comments: Good growth (ivory) on the medium 5006



Janibacter melonis

A and B – Agar plates media 5006, 5265 and 5315



Janibacter melonis

C – Microplate with ISP- and melanin media

D – Api Zym (upper) and Api Coryne