

Name: *Nocardia vaccinii*

Authors: Demaree and Smith 1952

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:338 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 11092, DSM 43285, IMET 7503

Genus: *Nocardia*

FH 2364

Species: *vaccinii*

Numbers in other collections: **DSM 43285**

Morphology:

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

Spore chains:

Spore surface: smooth

Sporangia:

Fragmentation: +

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 30 °C

Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
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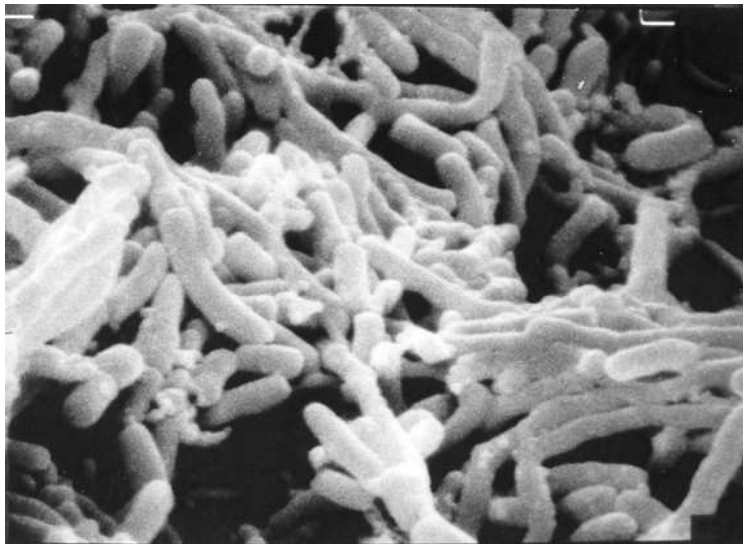
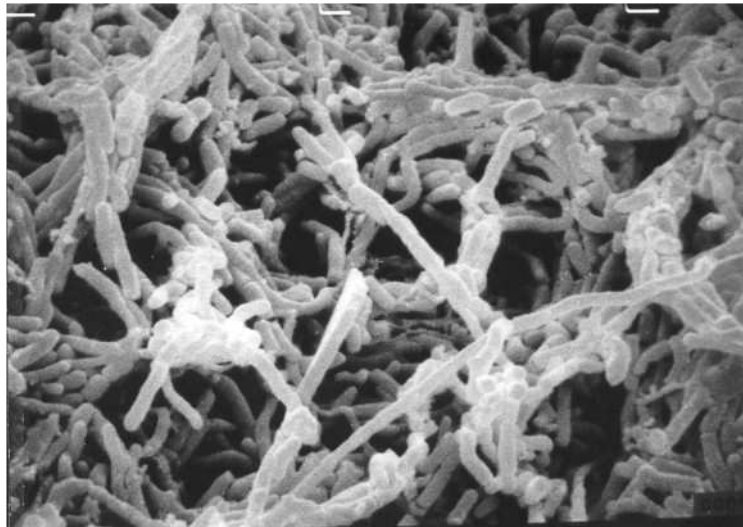
Comments:



Nocardia vaccinii

A and B – Agar plates 5265, 5315, 5317 and 5323

C and D – Agar plates 5318, 5322, 5337 with and without tyrosine



Nocardia vaccinii

Fragmentation of vegetative aerial mycelium in SEM

E x 5.000 F x 10.000