

Name: *Streptomyces cinereospinus*

Authors: Terekhova et al. 1986

Status: New Species

Reference(s): Int. J. Syst. Bacteriol. 36:574 (validation list)

Risk group: 1 (German classification)

Type strain: INA 1719, DSM 41470

Genus: *Streptomyces*

FH 2497

Species: *cinerospinus*

Numbers in other collections: ATCC 43680

Morphology:

	G	R
<u>ISP 2</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 3</u>	good	red
	A	SP
	bottle green	brown
	G	R
<u>ISP 4</u>	good	colorless
	A	SP
	bottle green	none
	G	R
<u>ISP 5</u>	good	beige
	A	SP
	sparse, white	none
	G	R
<u>ISP 6</u>	good	beige
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	brown
	A	SP
	sparse	brown

Spore chains: Sp

Spore surface: rugose

Sporangia:

Fragmentation:

Melanoid pigment: - + + -

NaCl resistance: 2,5 %

Lysozyme resistance:

pH: Value- Optimum-

Temperature : Value- Optimum- 28 °C

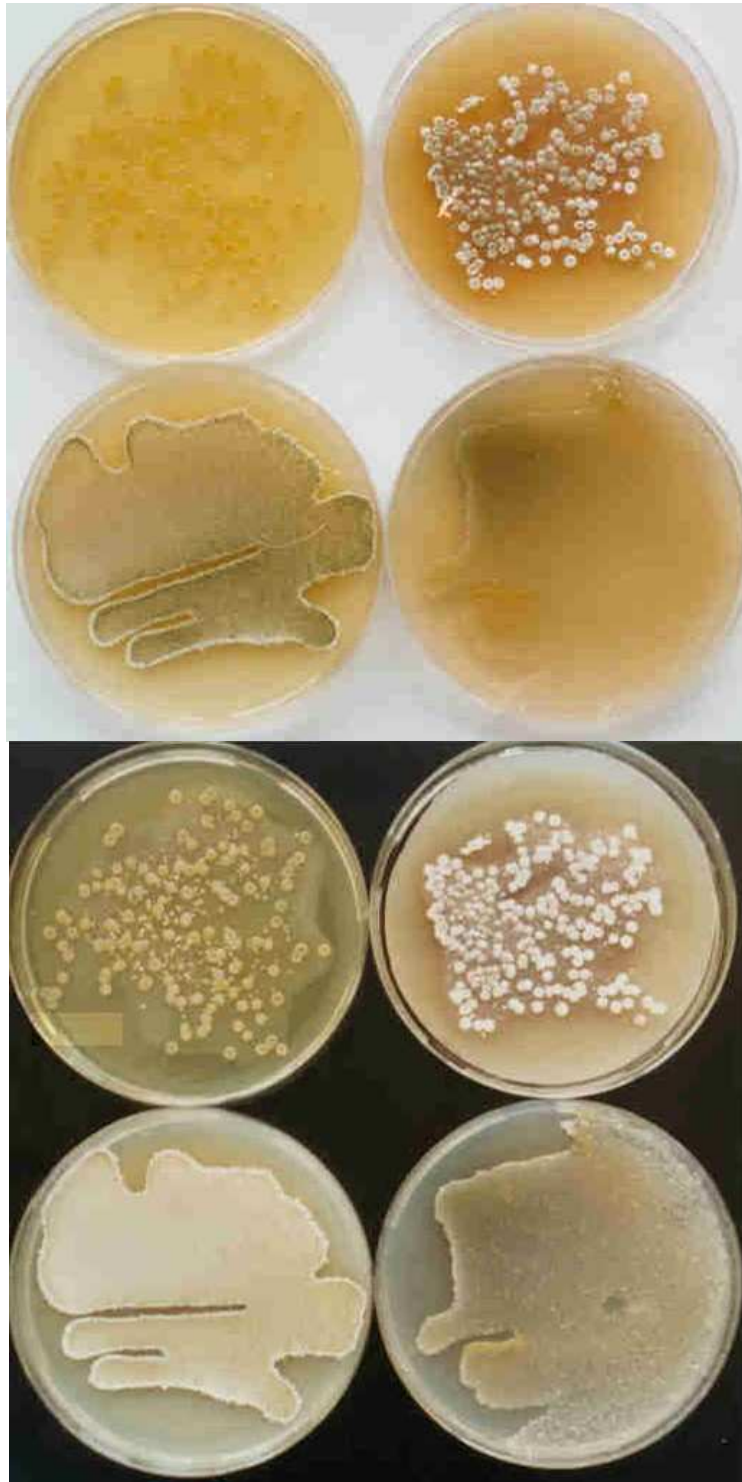
Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H ₂ S
+	+	+	+	+	-	+	+	+	-	-

Comments



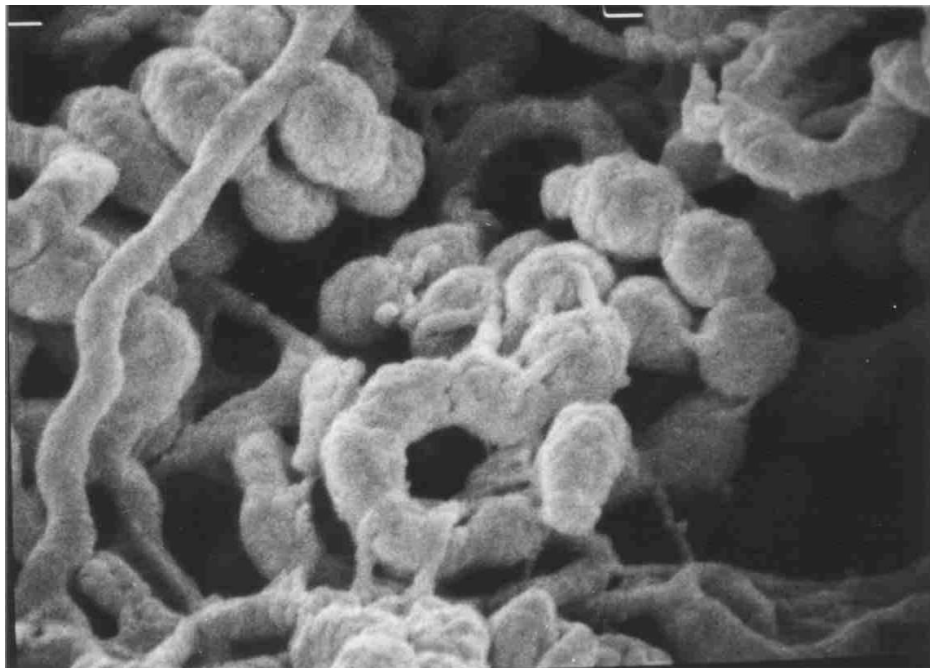
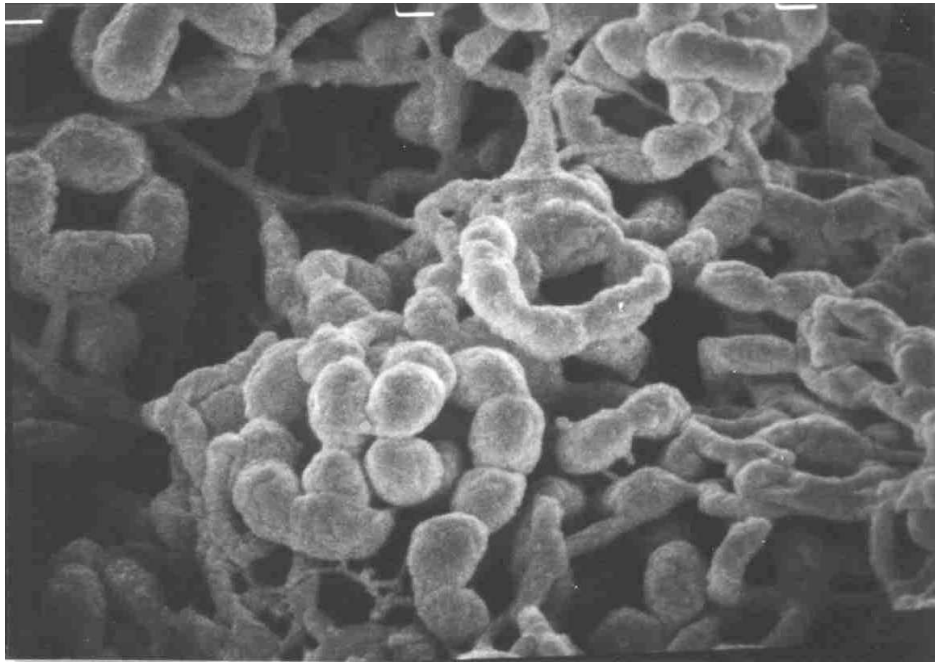
Streptomyces cinereospinus

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



Streptomyces cinerospinus

C and D – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine



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Spore chain morphology and spore surface in SEM

E x 5.000 F x 7.500