

Name: ***Streptomyces globosus***

Authors: (Krassilnikov 1941) Waksman 1953

Status: Approved Lists

Reference(s): Int. J. Syst. Bacteriol. 30:384 (AL)

Risk group: 1 (German classification)

Type strain: ATCC 14979, IMRU 3736, NRRL B- 2292,  
NRRL B-2292, DSM 40815

**Genus:** Streptomyces

**FH 2063**

**Species:** globosus

**Numbers in other collections:** DSM 40815

Morphology:

	G	R
<u>ISP 2</u>	good	brown
	A	SP
	grey/brown	none
	G	R
<u>ISP 3</u>	good	yellow
	A	SP
	beige	none
	G	R
<u>ISP 4</u>	good	yellow
	A	SP
	beige	none
	G	R
<u>ISP 5</u>	good	yellow
	A	SP
	beige	none
	G	R
<u>ISP 6</u>	good	yellow
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	brown
	A	SP
	beige	none

Spore chains: RF

Spore surface: smooth

Sporangia:

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 5%

Lysozyme resistance: -

pH: Value-

Optimum-

Temperature : Value-

Optimum- 28 °C

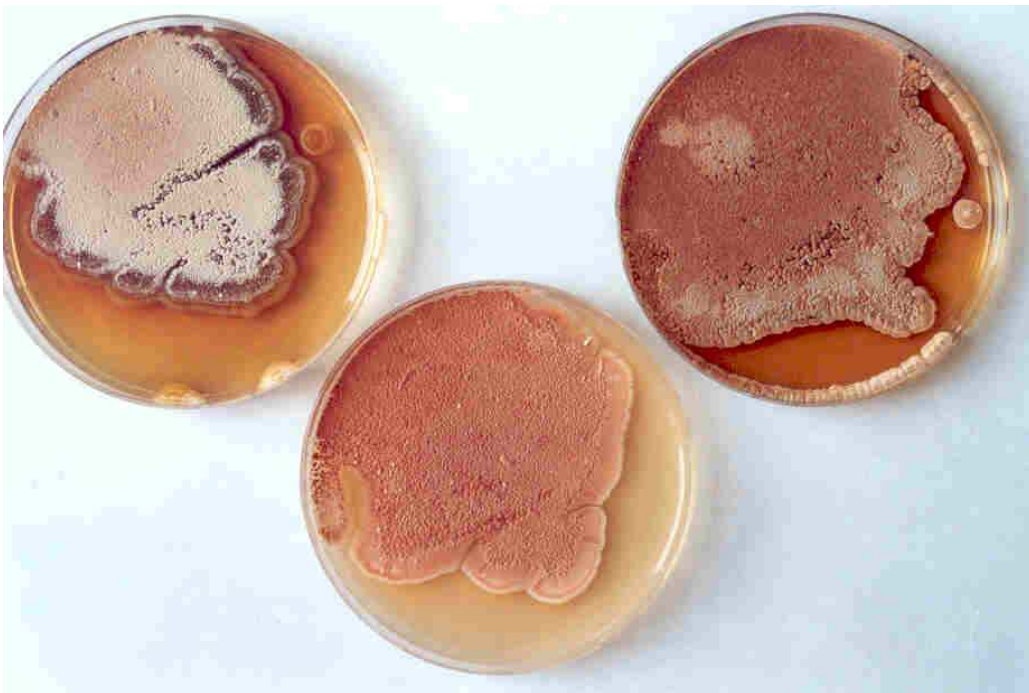
Carbon utilization:

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

Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
-	-	-	+	-	+	-	-	+	-	+

Comments:



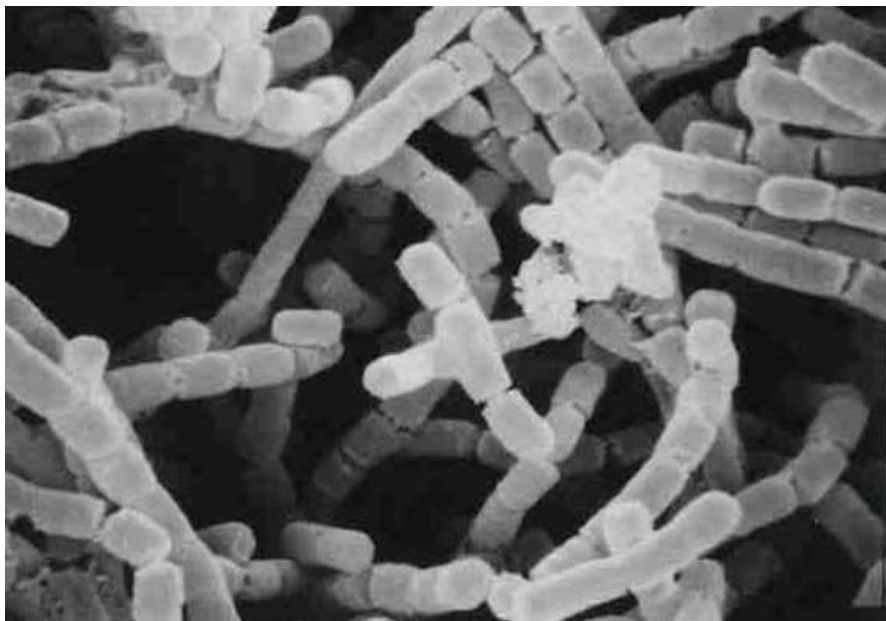
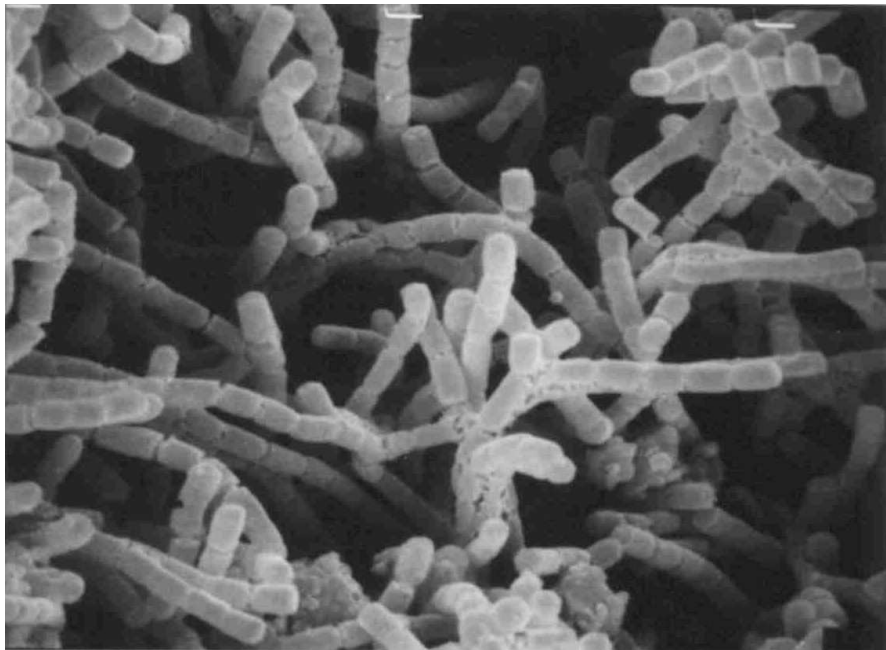
***Streptomyces globosus* subsp. *globosus***

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



***Streptomyces globosus* subsp. *globosus***

C and D – Microplate with ISP- and melanin media



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Spore chain morphology and spore surface in SEM

E x 5.000 F x 7.500