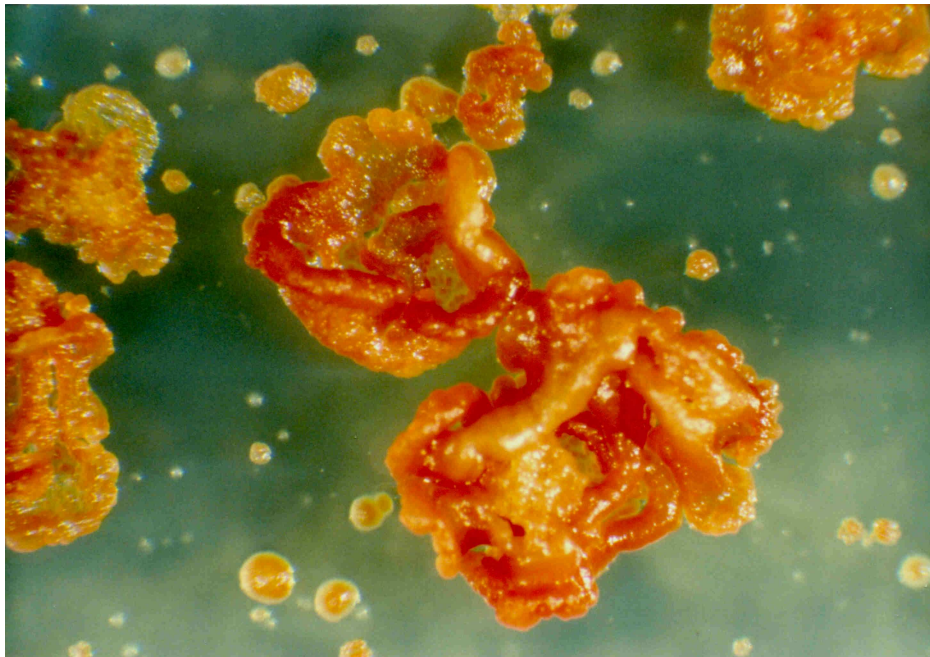


Name: ***Streptosporangium longisporum***
Authors: Schäfer 1969
Status: Approved Lists
Literature: Int. J. Syst. Bacteriol. 30:406 (AL)
Risk group: 1 (German classification)
Type strain: ATCC 25212, CBS 184.69, DSM 43180



Streptosporangium longisporum
Colony surface on medium 5265

Genus: *Streptosporangium*

FH 2141

Species: *longisporum*

Numbers in other collections: CBS 184.69

Morphology:

	G	R
<u>ISP 2</u>	good	orange red
	A	SP
	sparse/white	none
	G	R
<u>ISP 3</u>	good	pink
	A	SP
	sparse/white	none
	G	R
<u>ISP 4</u>	good	pink
	A	SP
	sparse/white	none
	G	R
<u>ISP 5</u>	good	pink
	A	SP
	none	none
	G	R
<u>ISP 6</u>	good	pink
	A	SP
	none	none
	G	R
<u>ISP 7</u>	good	orange red
	A	SP
	white	none

Spore chains:

Spore surface: smooth

Sporangia: +

Fragmentation:

Melanoid pigment: - - - -

NaCl resistance: 2,5 %

Lysozyme resistance: 0-10

pH: Value- more than

Optimum-

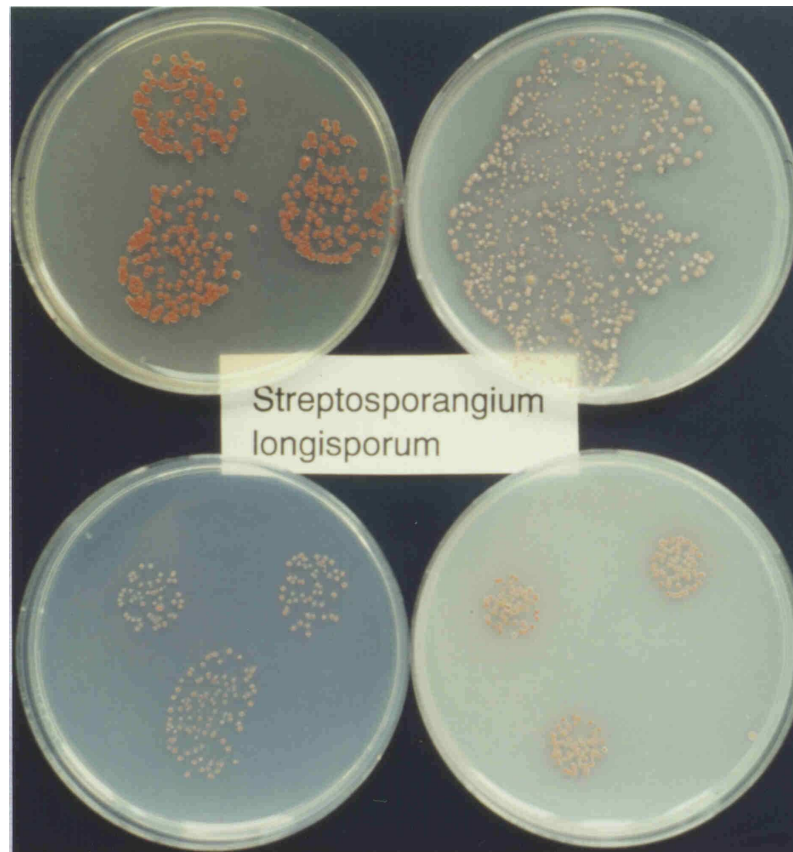
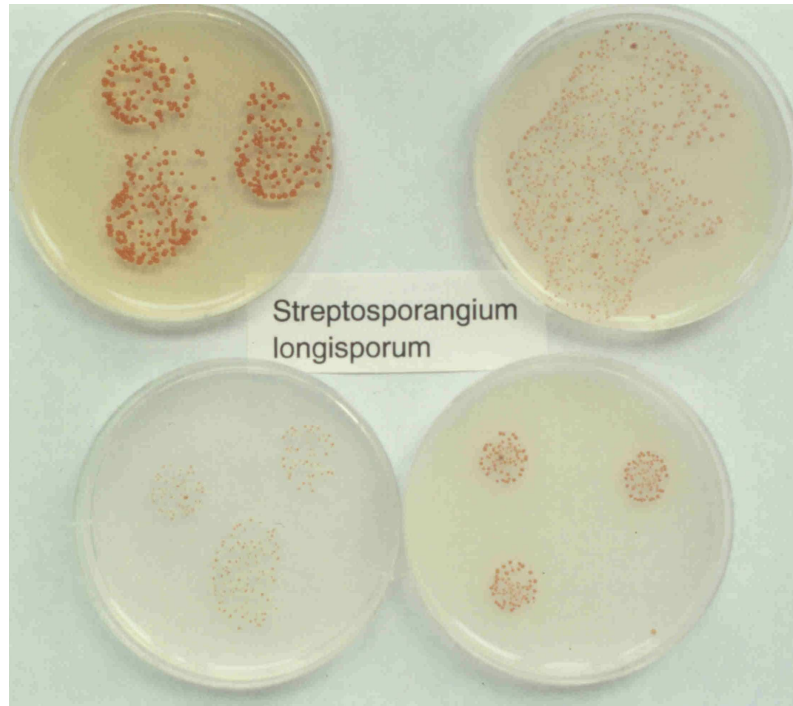
Temperature : Value- Optimum- 30 °C

Carbon utilization:

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

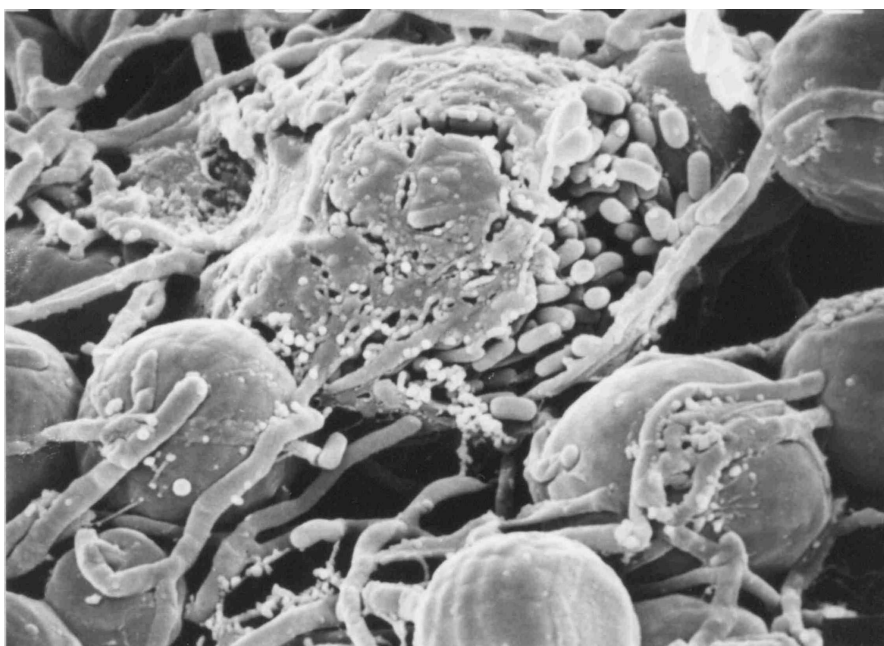
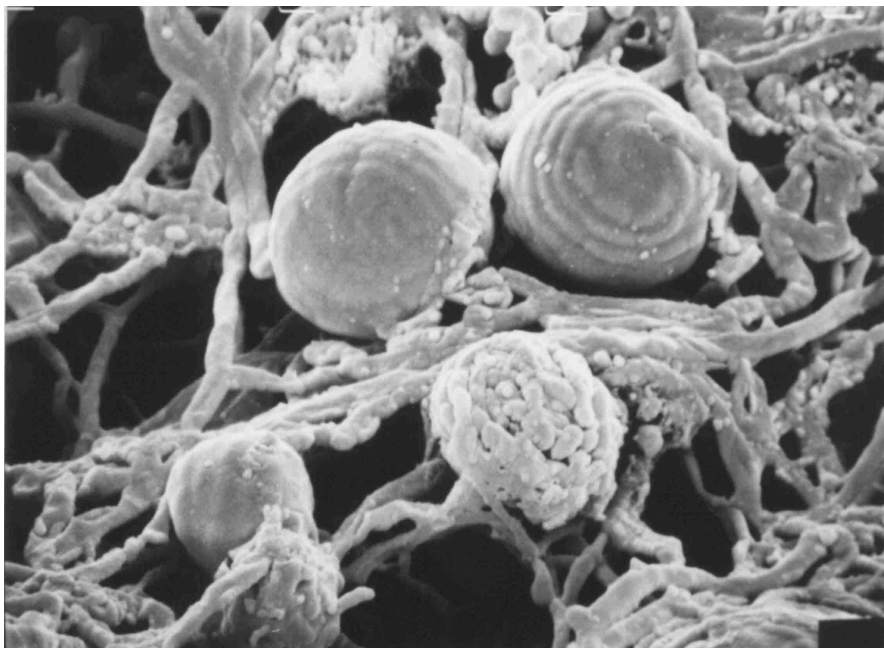
Enzymes:

Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
(+)	-	-	-	-	-	-	-	-	-	-
2+	3+	4+	5-	6+	7+	8-	9+	10-	11-	12-
13-	14-	15-	16+	17-	18-	19-	20-			



Streptosporangium longisporum

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



Streptosporangium longisporum

C and D - Sporangia and Spores in SEM (x 3.500)