Name:	***Actinoplanes auranticolor***
Authors:	(Couch 1963) Stackebrandt and Kroppenstedt 1988
Status:	New Combination
Literature:	Int. J. Syst. Bacteriol. 38:328 (validation list)
Risk group:	1 (German classification)
Comment:	new combination inadvertently omitted from List No. 26; Erratum IJSB 39:94
Type strain:	ATCC 15330, DSM 43031
Synonyms:	*Amorphosporangium auranticolor* (basonym)

Author(s)	Stackebrandt, E., Kroppenstedt, R. M.
Title	Union of the genera *Actinoplanes* Couch, *Ampullariella* Couch, *Amorphosporangium* Couch in a redifined genus *Actinoplanes*.
Journal	Syst. Appl. Microbiol.
Volume	9
Page(s)	110-114
Year	1987

Fatty acid pattern:

14 : 0	Iso	4,0			
15 : 0	Iso	17,0	18 : 1	cis 9	8,0
15 : 0	Anteiso	16,0	18 : 0		10,0
16 : 0	Iso	23,0			
16 : 1	cis 9	2,0			
16 : 0		7,0			
17 : 0	Iso	3,0			
17 : 0	Anteiso	11,0			
17 : 0		3,0			

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Genus: ***Actinoplanes*** **FH 2234**
Species: ***auranticolor***
Numbers in other collections: ATCC 15330

Morphology:

	G	R
ISP 2	good	dahlia yellow
	A	SP
	none	none
	G	R
ISP 3	good	dahlia yellow
	A	SP
	none	none
	G	R
ISP 4	good	orange yellow
	A	SP
	none	red
	G	R
ISP 5	good	orange yellow
	A	SP
	none	none
	G	R
ISP 6	sparse	orange yellow
	A	SP
	none	none
	G	R
ISP 7	good	orange yellow
	A	SP
	none	red

Spore chains: Spore surface: smooth
Sporangia: + Fragmentation:

Melanoid pigment: - - + -
NaCl resistance: 2,5 - 5 %
Lysozyme resistance:
pH: Value- Optimum-
Temperature : Value- Optimum- 28 ℃

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:

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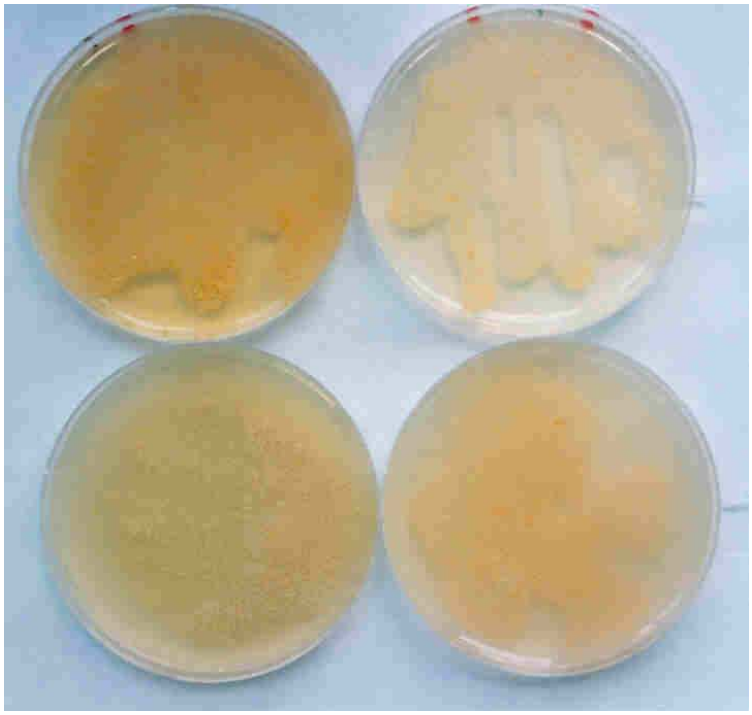

Actinoplanes auranticolor
A – Agar plates medium 5265, 5315, 5317 and 5323
B – Agar plates medium 5006, 5318, 5322, 5337 with and without tyrosine

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Streptomyces auranticolor
C – Colony detail on medium 5333
D – Colony detail on medium 5317

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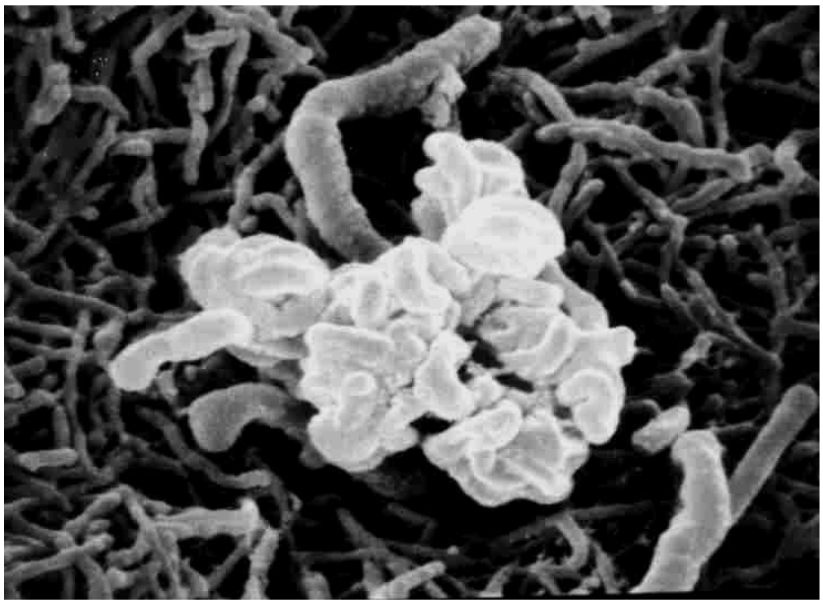

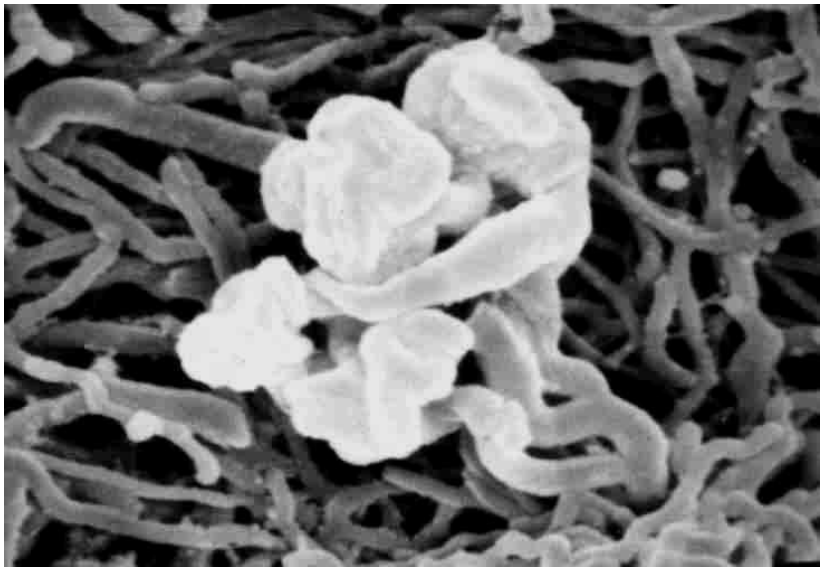

Actinoplanes auranticolor
Sporangia in SEM
E x 7.500 F x 10.000

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