Genus	***Cellulomonas***
Species	***flavigena***
Subspecies	
Author	(Kellerman and McBeth 1912) Bergey et al. 1923
Reclassification	
Status	valid
Type species	ATCC 482, DSM 20109, IMET 10357, NCIB 10357
Hazard group	1

Lit.: Stackebrandt, E., H. Seiler and K.-H. Schleifer. 1982. Union of the genera*Cellulomonas* Bergey et al. and *Oerskovia* Prauser et al. in a redefined genus *Cellulomonas*. Zbl. Bakt. Hyg. Abt. I Orig. C 3:401-409

Fatty acid pattern

14 : 0	Iso	3,0
14 : 0		7,0
15 : 1	Anteiso	5,0
15 : 0	Iso	5,0
15 : 0	Anteiso	41,0
15 : 0		2,5
16 : 0	Iso	5,0
16 : 0		21,0
17 : 0	Anteiso	6,0
18 : 0		4,5

Genus: ***Cellulomonas*** **FH 2744**
Species: ***flavigena***
Numbers in other collections: **ATCC 482**
Morphology:

		G	R
ISP 2		good	ivory
		A	SP
		none	none
		G	R
ISP 3		good	zinc yellow
		A	SP
		none	none
		G	R
ISP 4		good	cadmium yellow
		A	SP
		none	none
		G	R
ISP 5		sparse	zinc yellow
		A	SP
		none	none
		G	R
ISP 6		good	colorless
		A	SP
		none	yes
		G	R
ISP 7		good	colorless
		A	SP
		none	none

NaCl resistance: 2.5%

Temperature: Value- ℃ Optimum- 28℃

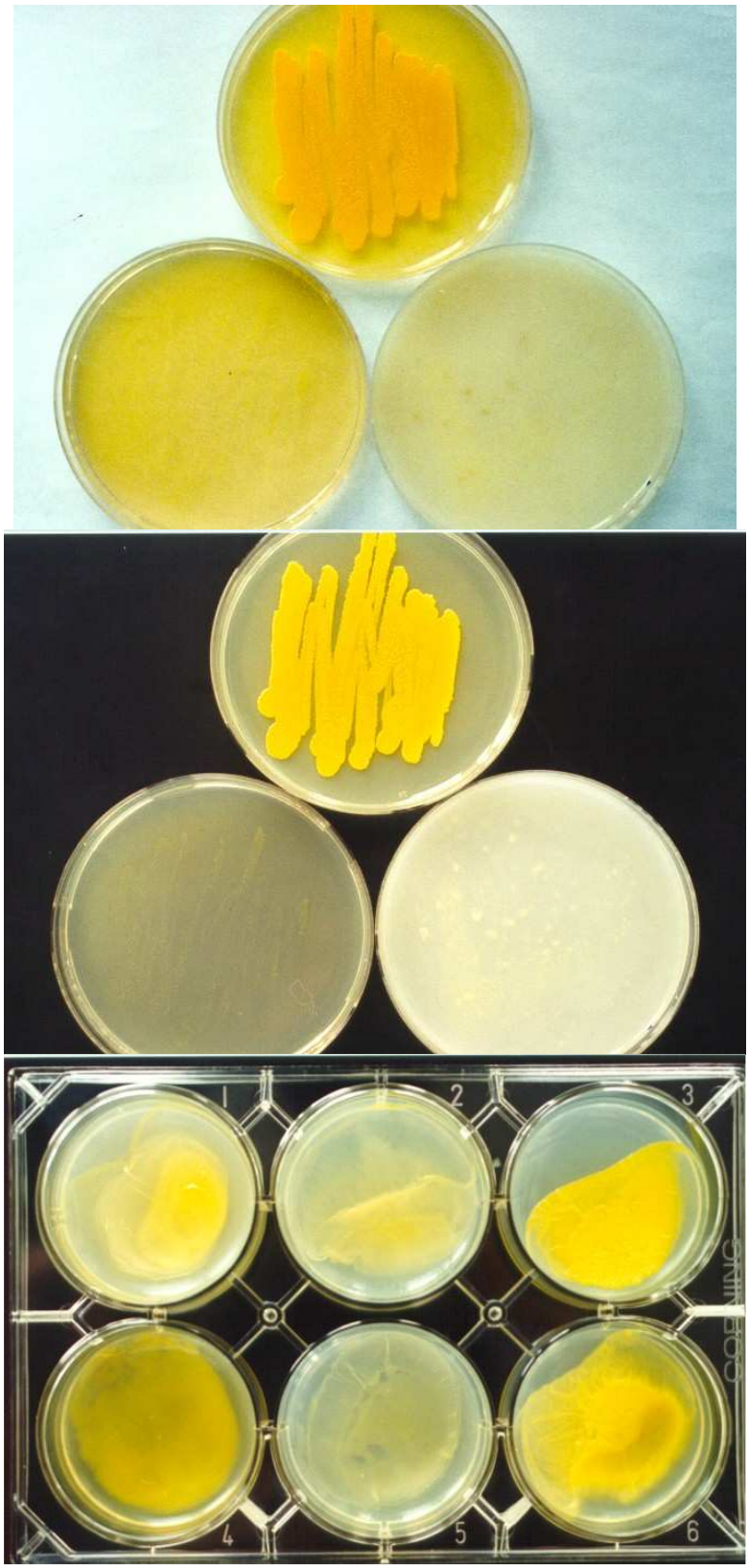
Carbon utilization:

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

Enzymes:

Api 20E	Gel	Cit	Ure	Arg	Onp	Trp	Lys	Odc	VP	Ind	H2S
	-	-	-	-	+	-	-	-	-	-	-
ApiZym	2	3	4	5	6	7	8	9	10	11	12
	-	-	+	-	+	+	+	+	+	+	+
	13	14	15	16	17	18	19	20			
	-	+	-	+	+	+	-	-			
ApiCoryne		Nit	Pyz	Pyr	Pal	βGur	βGal	αGlu	βNag	Esc	Ure	Gel
	-	-	+	-	+	+	+	+	+	+	+	
	Glu	Rib	Xyl	Man	Mal	Lac	Sac	Glyg				
	-	+	-	+	+	+	-	-				

Commentss



Cellulomonas flavigena

A and B – Agar plates medium 5006, 5265 and 5315
C – Microplate with ISP- and melanin media