

STRITCH SCHOOL OF MEDICINE
of
LOYOLA UNIVERSITY
706 South Wolcott Avenue
Chicago 12, Illinois

Thursday aug. 21, 1952

Dr. Bruce Stocker
Dept. of Microbiology
New York University
477 1st Ave., New York, N.Y.

My dear doctor Stocker:

I transferred your cultures the afternoon you left me to broth made up of 0.5% tryptose, 0.2% yeast extract at pH 7.1, incubated at room temp. till next morning. To each tube was added 5% formalin, organisms washed by centrifugation and stained. The slides are being shipped in a separate package.

All broth cultures appeared smooth except SW 592 which was settled out and is probably a rough variant. My observations are as follows:

SW541	-	no	def.	movement	in	broth,	no	stainable	flagella
SW544	-	"	"	"	"	"	"	"	"
SW655	-	"	"	"	"	"	, flagella present,	normal	curvature
SW656	-	"	"	"	"	"	"	"	"
SW 653	-	motile,	mainly	wiggling	,	"	"	"	"
SW 654	-	"	"	"	"	"	"	"	"
SW 592	-	normal	motion			"	"	"	"
SW 593	-	normal	or	sl.wiggly	motion,	"	"	"	"

The lack of swarming of 592 is perhaps due to its being "rough". None of the strains have "curly" flagella. For comparison I am sending you a slide of Sal Wichita showing mainly curly flagella with a few normals.

Hope you are well and have a pleasant trip home to England.

Sincerely

Einar Telford

Copy for Dr. Lederberg.