REPORT ON RESEARCH PROJECTS for the FISCAL YEAR 1956-57

I.	Name	Lederberg	, J.	Dept.	Geneti	Lcs	Proj. No.	<u>56: 245</u>
	Title	of projec	et 0	enetics of	Bac teria			
II.	Perso	nnel:	Robert E. Totaue lin		Graduate s	students: r	esear c h assist	ants
			Jean Kalvo	rsen			•	
III.	State	ment of ot	ther financ	ial support	, if any,	for this	croject:	
-	nih NSF	8 500 7 000		Rock	efeller	6,000		
IV.	Brief	statement	of specif	ic progress	made duri	ng the year	? •	
V.	tion of biosym 2. Effo 3. Fur tified two di 4. Mos- gical genetic enzyme mutanta Publi	f its synt thesis of orts to im ther mutat and chara vergent, a t mutants genetic p a position is a Urid s which da cations the	meis, by p diamino-pin portant DNA iona influa- cterized. I nd competit influencina attern: one -effect set ine-Diphose	enicilin, elic acid. Into proto neing the a care is a care galactose group, in a care into this since in pared in processinto this since in pared in processinto this since in processinto the care in	or by interplaces for ynthesis a chain of contract the chain of the same the same transfer.	r genetic e of flagella ommin synth ion in 7. c dokinase i same for a	casioned either in blocks, e.g. frect have so reproteins have a sin steps, for the casion of the casion of the case are the case are the case are so to June 30,	far failed. fe been iden- cllowed by aple physiclo- form a single ich the missin additional
VI.	Manus	cripts acc	epted for	publication	but not y	et printed	:	

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Viruses, genes and cells. Bacteriological Reviews