

Fiscal Year:	FY 2021	Task Last Updated:	FY 10/22/2020
PI Name:	Strandwitz, Philip Ph.D.		
Project Title:	Development of Next-Generation Probiotics to Combat Mental Health Risks for Space Travel		
Division Name:	Human Research		
Program/Discipline:			
Program/Discipline--Element/Subdiscipline:	TRISH--TRISH		
Joint Agency Name:	TechPort:	No	
Human Research Program Elements:	None		
Human Research Program Risks:	None		
Space Biology Element:	None		
Space Biology Cross-Element Discipline:	None		
Space Biology Special Category:	None		
PI Email:	phil@holobiome.org	Fax:	FY
PI Organization Type:	INDUSTRY	Phone:	
Organization Name:	Holobiome, Inc.		
PI Address 1:	1 Kendall Sq, Ste B2001		
PI Address 2:			
PI Web Page:			
City:	Cambridge	State:	MA
Zip Code:	02139	Congressional District:	7
Comments:			
Project Type:	GROUND	Solicitation / Funding Source:	TRISH--Industry
Start Date:	11/01/2020	End Date:	10/31/2021
No. of Post Docs:		No. of PhD Degrees:	
No. of PhD Candidates:		No. of Master' Degrees:	
No. of Master's Candidates:		No. of Bachelor's Degrees:	
No. of Bachelor's Candidates:		Monitoring Center:	TRISH
Contact Monitor:		Contact Phone:	
Contact Email:			
Flight Program:			
Flight Assignment:			
Key Personnel Changes/Previous PI:			
COI Name (Institution):			
Grant/Contract No.:	NNX16AO69A-IND0103		
Performance Goal No.:			
Performance Goal Text:			
Task Description:	<p>Industry Project Holobiome is developing next generation probiotics, derived from the healthy human microbiome, to address major global health problems. With this application we seek to explore utility of these strains to solve a major challenge for the intergalactic advancement of humanity -- the mental health of deep space explorers. We call these Astrobiotics.</p>		
Rationale for HRP Directed Research:			
Research Impact/Earth Benefits:			

Task Progress:	New project for FY2021.
Bibliography Type:	Description: (Last Updated:)