

<b>Fiscal Year:</b>	FY 2021	<b>Task Last Updated:</b>	FY 10/22/2020
<b>PI Name:</b>	Strandwitz, Philip Ph.D.		
<b>Project Title:</b>	Development of Next-Generation Probiotics to Combat Mental Health Risks for Space Travel		
<b>Division Name:</b>	Human Research		
<b>Program/Discipline:</b>			
<b>Program/Discipline--Element/Subdiscipline:</b>	TRISH--TRISH		
<b>Joint Agency Name:</b>		<b>TechPort:</b>	No
<b>Human Research Program Elements:</b>	None		
<b>Human Research Program Risks:</b>	None		
<b>Space Biology Element:</b>	None		
<b>Space Biology Cross-Element Discipline:</b>	None		
<b>Space Biology Special Category:</b>	None		
<b>PI Email:</b>	<a href="mailto:phil@holobiome.org">phil@holobiome.org</a>	<b>Fax:</b>	FY
<b>PI Organization Type:</b>	INDUSTRY	<b>Phone:</b>	
<b>Organization Name:</b>	Holobiome, Inc.		
<b>PI Address 1:</b>	1 Kendall Sq, Ste B2001		
<b>PI Address 2:</b>			
<b>PI Web Page:</b>			
<b>City:</b>	Cambridge	<b>State:</b>	MA
<b>Zip Code:</b>	02139	<b>Congressional District:</b>	7
<b>Comments:</b>			
<b>Project Type:</b>	GROUND	<b>Solicitation / Funding Source:</b>	TRISH--Industry
<b>Start Date:</b>	11/01/2020	<b>End Date:</b>	10/31/2021
<b>No. of Post Docs:</b>		<b>No. of PhD Degrees:</b>	
<b>No. of PhD Candidates:</b>		<b>No. of Master' Degrees:</b>	
<b>No. of Master's Candidates:</b>		<b>No. of Bachelor's Degrees:</b>	
<b>No. of Bachelor's Candidates:</b>		<b>Monitoring Center:</b>	TRISH
<b>Contact Monitor:</b>		<b>Contact Phone:</b>	
<b>Contact Email:</b>			
<b>Flight Program:</b>			
<b>Flight Assignment:</b>			
<b>Key Personnel Changes/Previous PI:</b>			
<b>COI Name (Institution):</b>			
<b>Grant/Contract No.:</b>	NNX16AO69A-IND0103		
<b>Performance Goal No.:</b>			
<b>Performance Goal Text:</b>			
<b>Task Description:</b>	<p>Industry Project</p> <p>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>		
<b>Rationale for HRP Directed Research:</b>			
<b>Research Impact/Earth Benefits:</b>			

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