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**From:** Caleb Harper <[REDACTED]>  
**Sent:** Thursday, July 5, 2018 3:27 PM  
**To:** jeffrey E.  
**Subject:** Re:

Great thx have a good trip

On Thu, Jul 5, 2018 at 11:25 AM jeffrey E. <jeevacation@gmail.com> wrote:  
<mailto:jeevacation@gmail.com>

im ready . can discuss more when i return to states next wed C2 great

On Thu, Jul 5, 2018 at 11:18 AM, Caleb Harper <calebharper@gmail.com> wrote:  
<mailto:[REDACTED]>

Checking back in on this  
<=r>  
Thx  
C

On Mon, Jun 18, 2018 at 11:52 AM Caleb Harper <[REDACTED]> wrote:

That's exciting to hear -  
<=iv dir="auto">

Arielle wanted to get out of the lab and move back to NYC with her husband - got a book deal and is consulting a food television show I think. She is still around as a director's fellow and is a resource as needed.

</=iv>

Molecular biologist just wasn't working out in terms of progress - not sure what he is doing now - probably going back to neuroscience (I got him from the Broad Institute hoping his background could be usefully applied out of discipline in plant science)

<=iv class="gmail\_quote">

On Mon, Jun 18, 2018 at 11:40 AM jeffrey E. <jeevacation@gmail.com> wrote:  
<mailto:jeevacation@gmail.com>

not of the ballpark , can talk later in the week C2 what happened to the two  
you let go

On Mon, Jun 18, 2018 at 11:52 AM, Caleb Harper <[REDACTED]> wrote:  
<mailto:[REDACTED]>

I've ordered it :) th=

To do this id need to =dd depth to my bio team, that's by far my weakest team in the lab  
=urrently. I recently let contracts lapse on Arielle and my molecular biolo=ist as it wasn't working out. I'd want to add  
the followin= team and would need to do a search to get the best. MIT won't let=me hire PhD Research Scientists, and  
likely quality people wouldn'= accept, without secure multiyear funding. I'd propose 500k a yr f=r 3 yrs with the  
expectation we evaluate progress after year one as to yea= 2 and 3. The transparent cost break down is:

PhD plant physiologist - 80k base salary=+56% mit research OH (none goes to my lab or  
ML) + 20% benefits = 149, 7=0 k total cost

Ph= plant biochemist - 100k base salary + 56% mit research OH + 20% benefits =3D 187k  
total cost

Plan= science tech (JR) - 40k \* 20% administrative OH - 48k total cost

100k prototyping budget + =0% material & services OH = 120k total cost

= 500k a year / 3yrs

On my side I'll dedicate 2 ou= of our 4 shipping containers for 3 years (target paid for  
install / dev e=c but with stock price decline is stopping support for non essential resea=ch) and my salary is covered in  
other sponsored accounts plus my team of e=ngineers on staff (backend /front end software, data science , electrical,  
=mbedded systems and mechanical engineers)

I know it's a big ask, and would understand if i='s out of ball park, but I think that's what  
it would take=to make meaningful and rigorous progress on figuring out if plants can thi=k and communicate

On Sun, Jun 17, 2018 at 6:10 PM jeffrey E. <jeevacation@gmail.com</=>> wrote:

ill fund it,◆=A0 mancuso also fun, .

On Sun, Jun 17, 2018 a= 6:08 PM, Caleb Harper [REDACTED]  
<mailto:[REDACTED]> wrote:

Very...I wonder if I can =rove it \*

=div>On Sun, Jun 17, 2018 at 5:57 PM jeffrey E. <jeevacation@gmail.com  
<mailto:jeeva=ation@gmail.com> > wrote:

fun isnt it

On Sun, Jun 17, 2018 at 2:31 PM, Caleb Harper <[REDACTED]>  
<mailto:[REDACTED]> wrote:

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