



2018/09/29

[Redacted]



My chairman will support me
Have sent word to a bunch of local
Collaborators
07:07:10 pm

[Redacted]

seeds hemp.
07:07:11 pm



[Redacted]



Plant biochemists need to help me
07:07:22 pm

[Redacted]

lets first put in macjine
07:07:32 pm



[Redacted]

But I can manage the radiology the computation and the I
Aging
07:07:34 pm

Imaging
07:07:36 pm

Need a biochemist bc not all substances will uptake as a digestive
07:08:00 pm

Some will destroy the tissue

07:08:04 pm

If the plant views as a stressor takes a different path

07:08:15 pm

feed some isotope

07:08:20 pm

Not so straight forward they are smart

07:08:29 pm

iodine etc

07:08:29 pm

try different ones no downside no irb

07:08:43 pm

Remember the analogy when we were doing imaging a long time ago

07:08:45 pm

You and I were discussing smell stimuli

07:08:57 pm

I did a zillion

07:09:02 pm

But didn't realize some were trigeminal some were olfactory etc

07:09:16 pm

Can't be toxic to plant or we won't see metabolism we will see death

07:09:31 pm

And immunity

07:09:34 pm

But yes

07:09:38 pm

I got a new book

07:09:45 pm

need to first see if any data comes from the plants in the machines. it could be wild

07:10:01 pm

It will but you can't image the periphery have to do roots

07:10:33 pm

So have to be alive

07:10:39 pm

I have been thinking about it a lot

07:10:51 pm

keep the soil around

07:10:52 pm

Yes

07:10:55 pm

All the water and ions in soil will mess w signal

07:11:16 pm

Am thinking

07:11:21 pm

Gotta do a case more soon

07:11:29 pm

mir

07:11:29 pm

mri

07:11:32 pm

Yes MRI

07:11:37 pm

And yes PET

07:11:41 pm

Colocalize

07:11:50 pm

Also plants don't like to lay flat

07:14:32 pm

Have to find a way to image in their regular position

07:14:43 pm

Their xylem and phloem freak out when you lay them sideways

07:15:15 pm

Also have you read about AUXIN

07:15:48 pm

It's a Tryptophan so weird

07:20:30 pm

yes, so put them in standing then laying down. great to see a change

07:21:13 pm

✓ Sent

MRI will only tell you structure that's not so interesting

Might be interesting if they would uptake gadolinium tracer but not sure

10:55:46 pm

More interesting is tagging neurotransmitters and putting them in a PET scanner

10:56:01 pm

Flowers maybe interesting in MRI

10:56:38 pm

You can't exactly hook up to IV

So you have to get contrast agents internalized without damaging

10:57:52 pm

Am thinking

10:58:30 pm

Like what's the equivalent of a plant IV?

10:59:08 pm

Soaking roots maybe but don't think so

10:59:30 pm

I found 2 good and super smart plant ppl here at the UW trying to go speak w them

10:59:57 pm

30

Maybe next week

11:00:05 pm

✓ Read