

2016/11/30



Do you think there is a role for microcurrents or electricity in the treatment of certain vascular pathologies?

02:15:49 pm

I was thinking about it. Pathogens that live in the ganglia sometimes integrate into DNA and medicines only effective when there is reactivation

02:16:43 pm



Reactivation

02:16:50 pm



Probably by individual

02:16:53 pm



But if you look at older older data  
On patients who got electroshock therapy they didnt have a lot of comorbidity

Makes me wonder

02:17:41 pm

As we do more in the endovascular neurosurgery space like cooling and glue etc I'm starting to think that having the capacity to deliver a microcurrent from the catheter might be a really interesting way to tackle stuff

02:18:29 pm

Like large intravascular plaques

02:18:44 pm

Or whatever pathology lord knows

02:19:00 pm

Hard part is localization bc we only have Angio. It's getting better but not great yet esp on the luminal side

02:20:24 pm

I wonder what electricity does to inflammation too.

All these medications are just so gross. Electricity feels pure and easy.

02:22:17 pm

also some AMAZING work on cancer mets by dude using ultrasound dr Neal Kassell

02:23:19 pm

[http://www.fmpug.com/images/upload\\_files/Anti-inflammatory%20effects%20of%20microcurrent.pdf](http://www.fmpug.com/images/upload_files/Anti-inflammatory%20effects%20of%20microcurrent.pdf)

02:24:22 pm

<https://m.youtube.com/watch?v=VbDZzBcMd5E>





02:25:00 pm



This is his older stuff. New stuff REALLY MIND BLOWING not public yet

02:25:00 pm

2016/12/02



Remember our discussion like 6 years ago when you said I was crazy?



04:55:05 pm



Still think so  
04:55:51 pm



Hope not.  
05:01:21 pm



You've always helped me think through crazy new ideas. Hope that never changes  
05:01:39 pm



Never will  
05:02:02 pm



[REDACTED]

Have been thinking a lot more about some of these fringe sciences - since I'm the cochair of this neurotechnology and brain science council. There are 20 or so ppl on council w really great ideas. Outside thinkers.

05:03:45 pm

Alzheimer as a type of insulin resistance for neurons is really interesting. You don't have to have systemic diabetes or insulin challenges but somehow there seems to be a parallel

05:04:43 pm

When you are insulin resistant peripherally everything glycosylates.

When your neurons are insensitive to insulin junk builds up. Some Singapore folks thinking hard about this but would mean could adapt some of the insulin science to neurons and maybe make progress

05:05:45 pm

Also this cool ultrasound stuff  
And the world of microcurrent (electricity) as a therapeutic tool

05:06:10 pm

2016/12/19

[REDACTED]

Happy almost Christmas...checking on you and hoping you are doing ok/something  
Dunn

09:10:54 am

Fun

09:10:57 am

[REDACTED]

What are your plans?

10:33:07 am

Doesn't matter.

10:43:08 am



??

10:50:09 am



Stevie says hi though!

10:50:42 am



Hi

10:57:05 am

Are you still at the bank

10:57:30 am



Hi... yes Feb 1 secondment up.

12:53:34 pm

Sorry dealing w stuff in office  
Lagarde convicted ugh

Was asked to complete my term and mission which was to get jim renominated (end sept), signed contract (end November) and then IDA replenishment (friday!).

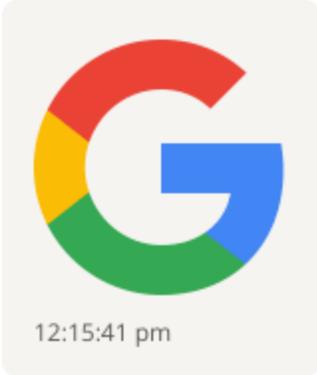
All very hard. Bill has asked me to come work w him for 6-12 months while I take a break and see what's next. Honestly don't know haven't had a minute to breathe

02:49:30 pm



[Redacted]

<https://www.google.com/amp/s/www.washingtonpost.com/amphtml/news/capital-business/wp/2016/12/19/british-satellite-firm-oneweb-picks-up-1-billion-investment-from-japans-softbank/>



Wyler  
12:15:41 pm

[Redacted]

fun  
12:19:35 pm



[Redacted]



Trump should be fun for the economy for a while -  
12:33:48 pm

[Redacted]

tell me about it  
12:34:33 pm



[Redacted]



Good for you!  
12:35:41 pm

[Redacted]

yup  
12:35:59 pm

very  
12:36:02 pm



[Redacted]



Mazel tov, pumpkin  
12:38:14 pm

2016/12/23

[Redacted]

<http://loveandsexwithrobots.org/>  
01:57:11 pm



This is a real conference and field.  
01:57:11 pm

2016/12/24

[Redacted]



Merry Christmas....  
08:58:37 pm

[Redacted]

Same  
09:52:24 pm



+1 (202) 594-5605

Hope you are Enjoying somewhere warm and surrounded by love

Stevie and I are sending a big hug

09:56:04 pm

palm beach with the new admin

09:57:12 pm

✓ Sent

2016/12/25

We are in Cambodia.

Hope you can Teach them some  
Good stuff



01:17:28 am

✓ Read