

**To:** Stephen Quake[quake@stanford.edu]  
**Cc:** Christina Fan[chfan@stanford.edu]  
**From:** Yair Blumenfeld  
**Sent:** Tue 11/21/2006 12:09:11 AM  
**Subject:** Re: Fetal Pharmacogenomics

I look forward to seeing you then.

Quoting Stephen Quake <quake@stanford.edu>:

> sure, my office is clark center e350q  
>  
> On 11/20/06, Yair Blumenfeld <yairb@stanford.edu> wrote:  
>> Sounds great. Where would you like to meet? I can come to your lab if  
> you  
>> wish.  
>>  
>> Quoting Stephen Quake <quake@stanford.edu>:  
>>  
>>> how about 1pm monday?  
>>>  
>>> On 11/20/06, Yair Blumenfeld <yairb@stanford.edu> wrote:  
>>>> I would love to meet next week. Your research sounds fascinating  
> and I  
>>>> could certainly assist with obtaining clinical samples. What time  
>>>> works  
>>>> for you? I have classes Tuesdays and Thursdays and Clinical duties  
> on  
>>>> Fridays, but Monday after 11am or Wednesday at any time work really  
>>>> well.  
>>>>  
>>>> Thanks again,  
>>>>  
>>>> Yair  
>>>>  
>>>> Quoting Stephen Quake <quake@stanford.edu>:  
>>>>  
>>>>> i would love to chat with you about that - we have been  
> developing an  
>>>>> assay to measure fetal dna in maternal blood with the notion of  
>>>>> determining downs syndrome. it's working well on dummied up  
> samples  
>>>>> and now we would like to try it on real clinical samples. it's  
>>>>> possible the assay will also work for what you want to measure.  
>>>>> perhaps we can get together and chat next week?  
>>>>>  
>>>>> steve  
>>>>>  
>>>>> On 11/20/06, Yair Blumenfeld <yairb@stanford.edu> wrote:  
>>>>>> Hi,  
>>>>>>  
>>>>>> My name is Yair Blumenfeld and I am currently the first year  
>>>> Maternal  
>>>>> Fetal  
>>>>>> Medicine fellow in the department of Obstetrics & Gynecology  
> here

**STANFORD EXHIBIT 2103**

>>> at  
>>>>> Stanford. I got your name from Russ Altman following a lecture  
>>> that I  
>>>>> heard him give regarding pharmacogenomics. I asked him if  
> anyone  
>>> is  
>>>>> studying fetal DNA while in utero in order to elucidate the  
>>>>> heterogeneity  
>>>>> in fetal responses to maternal drugs such as SSRI's,  
> anticoagulants  
>>>>> etc.  
>>>>> He told me that you are currently working on trying to isolate  
>>> fetal  
>>>>> DNA  
>>>>> from maternal blood and suggested that I contact you regarding  
>>> this.  
>>>>> Please let me know if you or anyone you know is currently  
> looking  
>>> at  
>>>>> this.  
>>>>>  
>>>>> Thank you in advance,  
>>>>>  
>>>>> Yair  
>>>>>  
>>>>>  
>>>>>  
>>>>>  
>>>>> --  
>>>>> -----  
>>>>> Stephen Quake  
>>>>> Professor of Bioengineering  
>>>>> Stanford University  
>>>>>  
>>>>> PLEASE REPLY TO: quake@stanford.edu  
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>>> -----  
>>> Stephen Quake  
>>> Professor of Bioengineering  
>>> Stanford University  
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> Stephen Quake  
> Professor of Bioengineering  
> Stanford University  
>  
> PLEASE REPLY TO: quake@stanford.edu  
>