



## 【校級神經醫學研究中心 109 年 8 月份月會】

### 會議紀錄

時 間：109年8月19日(星期三) 12:10-13:30  
地 點：醫綜後棟15樓第二會議室/Google Meet  
主 席：蔣永孝 主任  
主 持 人：Niall Duncan 助理教授

## TMU Neuroscience Research Center Monthly Meeting Minutes

**Chair:** Director Y. C. Chiang

**Host:** Asst. Prof. Niall Duncan

Recorded by: Professor J. Y. Wang,  
Secretary C. N. Huang

**Time:** 2020/8/19 (Wednesday) 12:10-13:30

**Place:** Net meeting via Google Meet, 2nd Conference room at 15<sup>th</sup> Floor, United Medical Building (Back Building), Taipei Medical University (250, Wu-Xing St)

### Meeting Agenda (議程) :

1. Opening by Director Chiang
2. Forum hosted by Dr. Niall Duncan

## 1. Opening

Director Chiang announced the beginning of this monthly meeting. This is the first forum meeting. We changed the meeting format to the forum to encourage everybody to discuss. Dr. Duncan will lead the discussion and give the idea of what MRI can do.

## 2. Forum

### 1) Introduction

Dr. Duncan first talked about the ethics issue. Doing an MRI is not a comfortable experience for humans, and it takes animals' life for animal experiments. Therefore, it is very important to design a good experiment and ask questions with other people who know how to do it. This will promote people's collaboration and make research fun. That's one of the reasons why we use "forum" to have an open discussion. Through MRI experiments, we can find what happens in the brain. Furthermore, we even can know when and where it happens.

### 2) Discussion

Dr. Thierry Burnouf raised the issue that users cannot change the settings of parameters of the 7T MRI in TMU Animal Center and it is difficult to book the time slots using MRI. The problems even begin with the filling of the form to apply for approval to use MRI and the requests for filling out forms never decrease over time, they only increase. The solution is to develop a system that saves time, but no one

does this. Instead, we have a university filled with people passing around emails sending out instructions, expecting that eventually, someone will respond to those emails. Sometimes the experimental animals need to be monitored for a long time (such as for circadian rhythm or for time courses), but once the animals are moved from the Laboratory Animal Center, they can't be moved back and need to be sacrificed on that day. That would be even more impossible to finish the experiment under this situation. Dr. Tim Lane pointed out that this is the problem of "management" in TMU Animal Center. The problem is not difficult to diagnose, nor difficult to solve. But TMU is locked into bureaucratic inertia, which is the inevitable consequence of micromanagers who fail to design an efficient data-collection system. Several PIs echoed the situations and problems they encountered, which were also management problems. Dr. Duncan could only advise them to find somewhere else (such as National Taiwan University, Academia Sinica, National Yang-Ming University) to use animal MRI to do the experiment. Some people asked questions about the MRI technical problems and Dr. Duncan gave them his advice. For example, Dr. Duncan gave the suggestion that each human experiment better has a minimum sample size of 150, and the animal experiment is 10.



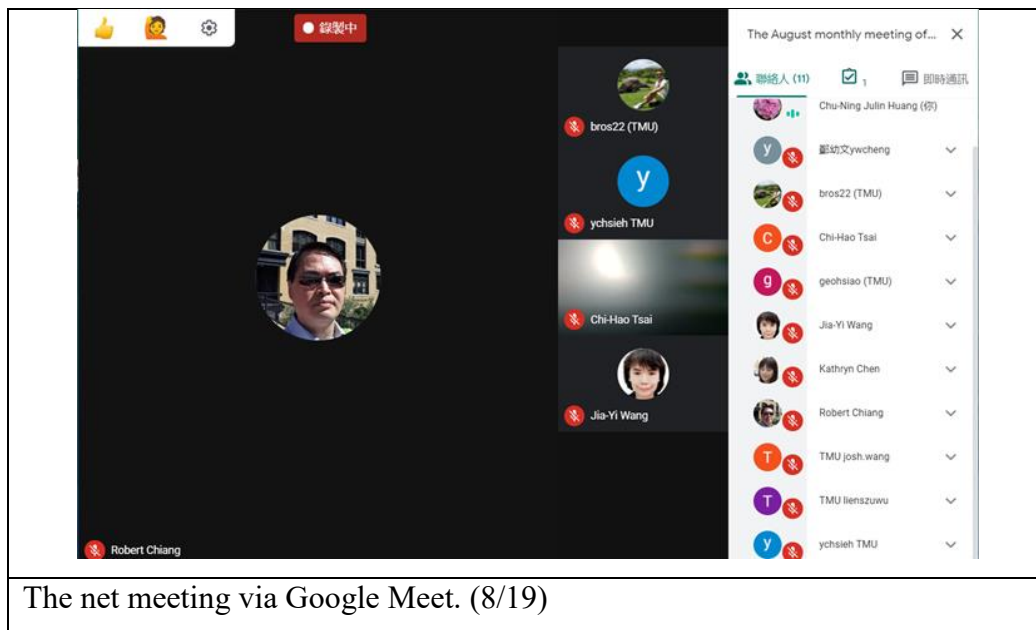
The forum hosted by Dr. Niall Duncan and open discussion between members. (8/19)

### 3) Online forum

Dr. Duncan set the online forum, [Neuroscience in TMU](#), and need help from the secretary to add all members to the forum. Dr. Duncan and Dr. Thierry Burnouf also suggested that the Ph.D. student could also be added to the forum.

In this monthly meeting, we had the in-person meeting on-site and the net meeting via Google Meet at the same time. We will keep this type of meeting mode in the future, so the people who couldn't make it to the in-person meeting with time or space reason can still participate in the monthly meeting.

本次會議除舉辦視訊會議外，同時舉行實體會議，除主持人外也開放給中心成員參與，未來會議如無特殊防疫需求，也將採實體會議與視訊會議雙軌並行模式，各位成員可擇一參加。



會議結束時間為 13:30。

After the meeting, the secretary has already added members and the Ph.D. students to the forum. But there is a problem that the google group only accepts the inner member, who uses the same G suite (@tmu.edu.tw), to see the forum. Therefore, if you could see the forum by the following link, [Neuroscience in TMU](#), please contact the secretary. If you have any suggestions about the meeting or forum, please let us know.

會後，秘書也將各團隊成員及博士班學生加入論壇，但因為 Google 論壇目前僅接受同一企業客戶 (@tmu.edu.tw) 的使用者使用，因此若有成員或博士班學生無法看到論壇，請與中心秘書聯絡。此論壇的目的是希望能提供成員討論的平台以協助北醫大神經醫學研究發展，因此任何研究相關問題均可以在論壇上討論。目前已有成員在論壇上尋求幫助並迅速獲得解決，也期待未來論壇能提供給中心成員更多的幫助，若對月會或論壇有任何建議或想法也歡迎提出。

網路論壇

會話群組 搜尋 neuroscience-at-tmu\_...

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### Neuroblastoma cells & oligodendrocytes 瀏覽次數: 10 次

**thierry (TMU)** 2020年8月26日 下午3:47:09 ☆  
Hi All, I am curious if some of you would have: - reliable SH-SY5Y neuroblastoma cells with a number

**chaurjongh TMU** 2020年8月27日 上午4:41:54 ☆  
Dear Thierry, My Lab has SH-SY5Y neuroblastoma cells. Please contact Dr. Eugene. With best regards CJ

**thierry (TMU)** <thierry@tmu.edu.tw> 2020年9月1日 下午12:20:27 ☆  
收件者 Neuroscience at TMU、Neuroscience at TMU、thbu...@gmail.com

Dear All,

- I wish to express publicly my appreciation for the responses received to my request regarding the SH-SY5Y neuroblastoma cells. Thanks to the Forum my students will have access to these cells quickly, which is quite helpful!

- I did not get comments on oligodendrocytes cultures which seems to reflect that growing these cells in uncommon among our group.

Take care!

Thierry

Communication and offer help in the online forum.