DLB-MHT-GW Group Meeting Schedule – Q3 2020

Meetings will be held on Zoom at 11am at the following link

https://ucl.zoom.us/j/91103783933?pwd=TFcvNUYvbHFGRzYreVBDZERXejNSQT09
password = G25-29-39

Date	Progress	Tutorial	Problem Set
8th July	**Paul**		**Oracle = Uzma** **Devils Advocate = Helal** (*J. Med. Chem. ASAP*)
15th July		**Weisel** (MotW)	**Oracle = Harry** **Devils Advocate = Paul** (anti-cancer)
22nd July	**Tha**		**Oracle = Dhuha** **Devils Advocate = Tha** (named reactions)
29th July		**Marat** (AotW)	**Oracle = Riley** **Devils Advocate = Uzma** (*Org. Lett. ASAP*)
5th Aug	**Uzma**		**Oracle = Weisel** **Devils Advocate = Harry** (anti-microbials)
12th Aug		**Ed** (MotW)	**Oracle = Marat** **Devils Advocate = Dhuha** (named reactions)
19th Aug	**Harry**		**Oracle = Ed** **Devils Advocate = Riley** (*ACIE ASAP*)
26th Aug		**Mike** (TotW)	**Oracle = Mike** **Devils Advocate = Weisel** (anti-inflammatory)
2nd Sept	**Dhuha**		**Oracle = Dana** **Devils Advocate = Marat** (named reactions)
9th Sept		**Dana** (MotW)	**Oracle = Helal** **Devils Advocate = Ed** (*JACS ASAP*)
16th Sept	**Riley**		**Oracle = Paul** **Devils Advocate = Mike** (anti-malarial)
23rd Sept		**Helal** (AotW)	**Oracle = Tha** **Devils Advocate = Dana** (named reactions)
30th Sept	**Tutorial Review - Dmitrij**		

Progress Rota: Ed, Mike, Dana, Helal, Paul, Tha, Uzma, Harry, Dhuha, Dmitrij, Riley, Weisel, Marat.
Literature Rota: Paul, Tha, Uzma, Harry, Dhuha, Dmitrij, Riley, Weisel, Marat, Ed, Mike, Dana, Helal
Problem Set Rota: Harry, Dhuha, Dmitrij, Riley, Weisel, Marat, Ed, Mike, Dana, Helal, Paul, Tha, Uzma.

Session Types

Progress Talks

1) Formal Progress Presentation – 20-25 minutes (+ 5 for questions) powerpoint presentation, which provides a complete overview of your project to date, relevant background, up-to-date results and future directions.
2) Progress Chalk Talk – 20-25 minutes (+ 5 for questions) chalk/whiteboard presentation, which provides a more focused overview (as you will be able to cover less) of your project to date, relevant background, up-to-date results and future directions. It is worth highlighting any particular problems that you are having so that members of the other groups may make suggestions
3) Practice Talks – These can be slotted in, please let Duncan know, they should be practiced 1 week before they are due to be presented.

Tutorial Talks – these sessions are an opportunity to share or teach your colleagues something that you have found interesting, preparation of talks should not be a big undertaking, screen shots of good quality images with appropriate referencing is adequate. Consult your supervisor should you want more specific guidance on topic.

1) Academic of the Week (AotW) – 20-25 minutes (+ 5 for questions) powerpoint presentation, which provides brief biography of an Organic/Medicinal Chemist (where, when and with whom they studied) + notable alumni. List their top 5 most cited review papers and top 5 most cited research articles. Describe one or two of their key research areas, including specific examples from a paper
2) Molecule of the Week (MotW) - 20-25 minutes (+ 5 for questions) powerpoint presentation, find two different syntheses of the same molecule (Natural product, medicine, material or agrochemial), talk through each step and then make a comparison at the end of the differing approaches.
3) Technique or Target of the Week (TotW) - 20-25 minutes (+ 5 for questions) powerpoint presentation, Is there a technique or biological target that you recently had to learn about, was there something about an existing method that you didn't know and found out? Tell us about it, start with a brief history of its development and then on to the technical details.
4) Tutorial Review ~ 1 h (+ 15 minutes for questions), These are expected to be big undertakings where in discussion with your supervisor a topic is chosen that may have general interest to the group. A comprehensive review will be delivered which might combine powerpoint and chalk talk styles, students assigned these are removed from other group meeting schedule duties.

Problem Sets – these sessions are an opportunity for everyone to learn, and last approx. 1 hour. When it is your turn to prepare questions you become the **'all-knowing oracle'** you will prepare the questions in advance and distribute them by email to everyone by the Friday afternoon of the week before the session (get them checked by your supervisor prior to sending them out if you are not confident on the level). As the **'all-knowing oracle'** you should know the details of the problems that you have set and bring a paper with you, you should help guide discussions if problems are encountered. As the **'devils- advocate'**; your job is specifically to ask questions of the oracle and the person at the board.

Journal ASAP: Pick a recently accepted or recently published article that describes the synthesis of a biologically active molecule to be the subject of your problem set. This will require you to keep your eye on the literature - which you are encouraged to do as much as possible (if only to check that your own project has not been scooped!). Clearly the literature you are reading probably reflects your research group's interests.

Disease Area: If you are giving a problem set on a disease area then you need a cover page to your problem set which describes the disease area and one possible target - the problem set will then focus on the synthesis of the small molecule which is targeting the mode of action outlined in your cover sheet - at the start of the problem session we will ask you to spend 3-5 minutes to describe the target.

Named Reactions: These sets are a collection of reactions and not target oriented - you are free to have a theme that brings them together or choose them completely at random - repetition is welcome here also.

Unseen Problem Sets – these are to be created in secret and can be on any topic, but nothing too obscure. Bring along one question sheet to the group meeting to be placed on the visualizer for everyone to see. As normal, run these by your supervisor before finalizing.