

Student seminar – Year 1 Semester 1: 2017/18 batch
MED1103: Biomolecules and Metabolism Module

- Student seminar for Y1S1 is scheduled to be held on 25th March 2019.
- Topics for the student seminar presentation are attached herewith. Each group is allocated to an academic staff member and you are supposed to meet them and discuss about the seminar topic given.
- You will be expected to deliver a concise presentation on the given topic within a 10-minute time frame. You will get 3 minutes for the discussion following each presentation.
- Your goal is to engage the audience effectively and to get your message across.
- Although you are allowed to do power-point presentations, we highly recommend you to do a creative presentation with minimum usage of power-point slides.
- Your presentations will be uploaded to MOODLE. Therefore, please be confident about what you present.
- **Each presentation will be assessed according to the evaluation criteria mentioned herewith. The group which obtain the highest marks will be selected and a gift will be given.**

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Dr. S.P.R.P. Prematilake

Module coordinator – MED1103: Biomolecules and Metabolism Module

08.03.2019

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Group number	Topic	Supervisor
1 & 2	Extracellular Matrix: its composition at various tissues to meet functional demand	Dr. S.P.R.P. Prematilake
3 & 4	Biomedical importance of nucleotides	Dr. W.I.T. Fernando
5 & 6	Acetyl CoA: the hub of metabolic pathways	Dr. B.L. Goonapienuwala
7 & 8	Role of glycogen as an energy source	Dr. A.W.D.T. Ambagaspitiya
9 & 10	Energy metabolism in feasting and fasting	Prof. J.G.S. Ranasinghe
11 & 12	Protein synthesis, drug targets and disease amelioration	Prof. C.N.R.A. Alles
13 & 14	Cholesterol: Essential for survival, but a killer when excess	Dr. K.P. Maduwage
15 & 16	Glucose-6-phosphate dehydrogenase (G6PD) deficiency & its effects on cellular functions	Dr. A.W.D.T. Ambagaspitiya
17 & 18	Role of water soluble vitamins in maintaining structure & function of red blood cells	Dr. B.L. Goonapienuwala
19 & 20	Vitamins: what your beautician does not tell you	Dr. S.P.R.P. Prematilake

Evaluation criteria	Description	Total points
Content (30)		
Introduction	Providing a relevant introduction for the topic.	05
Quality of the material	Appropriateness of the content, accuracy of the content, use of appropriate examples, linking the information with other areas when appropriate etc.	20
Summary	Providing a relevant, appropriate summary for the topic.	05
Presentation (50)		
Clarity of the presentation	The relevant information was well explained, while highlighting the important ones and confidently presented.	10
Rate of delivery	The facts were presented at a good speed, maintain a good pace in between.	10
Use of visual aids	Appropriate use of visual aids (e.g. slides, handouts, posters).	10
Interaction with the audience	Maintain a good interaction with the audience throughout the presentation.	10
Organization of the presentation	Simplicity of the presentations, logical presentation with smooth transitions and well designed.	10
Creativity	Creative presentation which can catch the attention of the audience.	05
Discussion	Handling the questions and comments appropriately and actively taking part in the discussion.	05
Time management	Correctly managing the given time. (one mark will be reduced for each extra minute taken beyond 10 minutes)	10
Total		100