BIOL 4849: Medical Mycology (Summer 2010)
Student Presentation Guidelines

Presentations

- should be in a PowerPoint format
  - simple backgrounds are best
  - font size should be at least 28 point
  - be sure to fully acknowledge source of figures used (if not original)
- provide Dr. Cooper a copy as far ahead of the presentation as possible so that he can make a PDF copy to be placed on the course web page; alternatively, provide Dr. Cooper the presentation in PDF format
- provide Dr. Cooper the citation(s) of the case report(s) being used in your presentation (see below) so that he can post these ahead of time on the course web page
- be approximately 30-35 minutes in length
- an approximately 5 minute question session will follow each presentation [NOTE: All students are expected to actively participate in questioning the presenters]
- it is recommended that each group member participate in the presentation before the class (but this is not required)
- provide Dr. Cooper an electronic copy of 5 multiple choice questions (with the correct answer noted) that cover the topic you are presenting. These questions should be challenging!!! They will be considered for use as future examination questions.

Content of Presentation

Discuss aspects of the fungal disease topic you have chosen being sure to touch on the following:

- Name of disease
- Brief history of disease
- Etiology/causative agent(s) [if more than one, choose 1-3 of the most typical/common agents]
  - Taxonomy
  - Review the basic biology of agent
  - Ecology of the pathogen
- Epidemiology
- Disease spectrum/manifestations
- Pathogenesis
  - virulence factors of causative agent(s)
  - host response to infection
- Diagnosis (include classical and modern molecular, if available)
- Disease management
- Disease prevention
- Presentation of typical case report
Choose one or two ORIGINAL primary case reports (NOT a review of the disease) for presentation, i.e., must describe one or more patients for the first time

- Each case report must be from the literature available to YSU students (e.g., OhioLink, BioMed Central, or other open access venue)
- BE SURE TO PROVIDE THE CITATIONS OF THESE CASE REPORTS IN YOUR PRESENTATION
- Case reports must have been published between 2007-2010

**Grading of Presentations**

Each presentation is worth 70 points.

- For following the above presentation directions and for the quality of the material presented, Dr. Cooper will award up to 15 points.

- For providing quality exam questions for consideration, Dr. Cooper will award up to 5 points.

- Using a rubric, both your peers and Dr. Cooper will evaluate your presentation. The rubric is available through the course web page. It has seven categories with four descriptions of achievement for each. Student presenters should strive to meet the highest of these criteria. For the remaining 50 points available for this grade component, the following will apply
  - Peer review: 10 points based upon the average score received [peer reviewers must take this evaluation process seriously and provide an unbiased, sound review of their classmates’ presentations]
  - Dr. Cooper: 40 points