IBASM 2018 Call for Abstracts
Student Poster Competition

The abstract submission form is included here but may be distributed by email separately as a word document. We will be utilizing 4x4 sq.ft. tri-fold styrofoam poster boards and each student is limited to one board. Push pins will be supplied but you are encouraged to bring some extras in case we run short. You may participate in both oral (limited # of slots available) and poster sessions but you will only be judged for an award in the poster session. Awards will be presented in the following divisions: Undergraduate, MS graduate and PhD graduate. Post-Doctoral Fellows are welcome to participate in either session but are not eligible for the award competition.

Students will be judged in 5 categories:

Professional Appearance: Jeans and sweat pants are unacceptable; torn, dirty, or frayed clothing is unacceptable. Business casual dress is the standard dress code. (20 points)

Scientific Thought: Is there a clear hypothesis? Are the goals of the study defined? Were data correctly analyzed? Were statistical analyses performed? Did a logical conclusion result? (20 points)

Creativity: Was the topic original? Is there anything new in the approach to answering the question? Were new methods developed? (20 points)

Thoroughness: Was the study as complete as possible? Does the student understand the background material? Were subject headings (e.g. Introduction, Materials & Methods, etc.) presented? Is the student aware of the drawbacks of the study? (20 points)

Presentation (poster): Were the results/conclusions clearly presented? Was the student's verbal expression clear and concise? Was the student able to answer questions? How well did the poster convey the information? (20 points)
ABSTRACT FORM FOR THE 2018 IBASM ANNUAL MEETING

Complete all appropriate boxes of this form (downloadable version http://ibasm.iweb.bsu.edu/) and email it on or by March 9th 5:00 pm to Dr. John McKillip at jlmckillip@bsu.edu. Late submissions will not be accepted. Abstracts should be 300 words or less and prepared according to the National ASM guidelines, which are included below; an example is also provided below for format. All abstracts should include the title, author(s), and institutional address. Accepted abstracts will be published in the meeting program if submitted by the deadline. Limited funding will be available to subsidize lodging and food for student presenters when requested in the registration form.

Presenting author information:

Name: 
Phone: 
Address: 
Fax: 
Subject Category: 
Email: 

Are you a student presenter? ☐ Yes or ☐ No (check one) 
☐ Oral and/or ☐ Poster presentation (check applicable boxes) 
If you are not selected for an oral presentation, are you willing to present a poster? 
☐ Yes ☐ No ☐ Does not apply

Check if presenting author is a student competing for: ☐ Undergraduate ☐ MS Graduate or ☐ Ph.D. Graduate Student Award (a short paper is required from award winners). If competing for an award the student must present a poster. (If left blank, the student will not be judged in the competition).

Check if presenting student will also be presenting at the 2016 ASM General Meeting: ☐
Are you competing for the national travel award to the 2016 ASM General Meeting? ☐ Yes ☐ No

Title:
Authors:
Affiliation(s):
Keywords:

ABSTRACT
Characterization of Bacterial Isolates from Chronic Conjunctivitis in Dogs and their Ability to form Biofilm in Vitro

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Biofilms are responsible for 80% of microbial infections which develop in the body and bacterial biofilms on tissue surfaces and chronic wound constitute an ever-increasing threat to human and animal health and place a significant burden on healthcare systems. Chronic bacterial infections in veterinary medicine are commonly reported but association with biofilms is rarely considered. Hence, the objective of this in vitro study was to investigate the association between biofilm formation and clinical cases of chronic conjunctivitis in dogs. Twenty bacterial isolates identified at the Indiana Animal Disease Diagnostic laboratory from specimens collected from chronic conjunctivitis in dogs admitted to the small animal teaching hospital at Purdue University were included in the study. Standard methods including examination of colony morphology, hemolysis, biochemical tests, and fermentation of maltose, trehalose and lactose, were used in addition to matrix-assisted laser desorption ionization time of flight (MALDI-TOF) mass spectrometry to identify isolates. In addition, biofilm formation was evaluated using two different methods: Congo Red Agar (CRA) and a microtiter plate assay followed by crystal violet staining. The microtiter plate assay was more sensitive in detecting biofilm forming isolates than was CRA. We were able to detect biofilm formation in 100% of the isolates using the microtiter plate assay, while using CRA we were able to detect biofilm in only 50% of the isolates. In this study, the clinical isolates were confirmed to have biofilm-forming capability, thereby further complicating the therapeutic conditions and outcomes. Furthermore, the microtiter plate assay was shown to be more sensitive than CRA for detecting biofilms and should be considered as a standard technique for detection.

Key words: biofilm; canine; conjunctivitis; MALDI-TOF
Summary of IBASM Abstract Submission Steps

• **Step One**: Submit the 2017 IBASM Membership Application/Renewal and Registration Forms

• **Step Two**: Affirmations
  - Names of all the authors (primary and co-authors) will appear on the abstract.
  - The submitted abstract representing your research has not been accepted for publication in a journal or in an international scientific journal based on the date submitted.
  - Upon acceptance of the abstract, the prepared poster (see guidelines) will be placed on the scheduled day and time for viewing and only be removed after the scheduled time.
  - Any changes in contact information should be corresponded with IBASM.

• **Step Three**: Title - Please use a short and concise declarative title that indicates the content of the abstract.
  - Capitalize the first letter of each word except prepositions, articles and species names.
  - Title is not included in the total word count of 300.
  - Do not place a period at the end of your title.
  - Do not place hard returns in your title.
  - Italicize scientific names (example: "Staphylococcus aureus" will appear as *Staphylococcus aureus*). For therapeutic agents, only generic names may be used (NO trade names are permitted in abstract titles).
  - A title of 10 words will be appropriate

• **Step Four**: Primary Presenting Author, Co-Authors, Affiliation
  - Authors, groups and institutions and spaces are not included in the 300-word limit.
  - Author's names will be displayed using first initial(s) and full last name. Presenting author will be printed with an asterisk (e.g. J. Smith*, W. S. Brown, and R. A. Jones).
  - Each institution and author will be referenced with superscript numbers and include the institution’s city, two letter state/province abbreviation and country.
  - Please note that IBASM will correspond with the presenting author only. Changes in the presenting author must be communicated to IBASM. It is the responsibility of the presenting author to contact all co-authors with the disposition and scheduling of the abstract.

• **Step Five**: Keywords
  - Keywords are completely independent of each other and should be able to stand alone in the index.
  - Words should be lowercase, except for relevant acronyms, genus names, and proper nouns. For Greek characters, please spell out names.
  - Organisms will be italicized in final publications.
  - Enter up to four keywords.

• **Step Six**: Abstract Text (included in the 300-word limit)
  - Your abstract may have up to 300 words, which does not include the title, authors, affiliations, and keywords. Do NOT include abstract title, authors or keywords in the abstract text.
  - Abstract text may be submitted using either of the following methods: Copy/paste or direct entry keystrokes.
  - Your abstract may be written without the use of the following bolded headers (Background, Materials, Results, Conclusion). However, your abstract should include a
one to two sentence introduction, the description of the methods used, the results obtained, and a conclusion with inclusion of its significance.

POSTER GUIDELINES FOR THE SPRING 2018 IBASM ANNUAL MEETING
University of Indianapolis, Health Pavilion Complex, April 6/7th, 2018

1. ABSTRACT
   - Including an abstract on your poster is recommended and expected by most readers. Ideally, this would be the exact same abstract submitted initially and in the program booklet, although if any new (and vital) data are obtained immediately prior to the meeting, these results may be included on the poster, which could alter the wording of the abstract slightly, and this is acceptable.

2. INTRODUCTION
   - The introduction should give the reader a solid foundation on which to base their understanding of the rest of the poster. It should convey: the importance of the research, the problem you are trying to solve, why the research is necessary, your approach to the problem and the logic behind it, and your hypothesis. Use primary references here.
   - Do not be verbose; the best Introduction sections are 2-3 paragraphs.

3. METHODS
   - Give enough detail so the reader understands what was done, but do not explain every step. Assume basic knowledge. Be sure to address what and how your statistical analyses were completed and your significance level(s).
   - Present methods in a way that is easy to follow. Cite relevant references.

4. RESULTS
   - Try to make your figures, if possible, in black and white or colors that are colorblind friendly.
   - All figures and graphics should be as high resolution as is possible and practical
   - DO NOT DISCUSS your results in the Results section. You should merely state the observed results.
   - All figures and tables should be self-explanatory; that is, the legend or caption should thoroughly but succinctly explain what the reader is looking at, and should include all relevant labeling, statistical analyses, and scale bars as appropriate 5.

5. DISCUSSION
   - This is where you interpret your results and discuss them. Refer to all of your figures and tables when discussing the corresponding data.
   - State your conclusions and future directions.

6. REFERENCES
   - Space is limited so you should only include your most relevant references.
   - Author(s) last name and author(s) initial of first name. Title. Journal Name, Month and Year. Volume #(Issue #): pages. Digital Object Identifier (DOI).

7. ACKNOWLEDGMENTS
• It is always important to recognize those who helped you analyze data, conduct some of 
the research, and especially those who provided you with funding, supplies, or 
organisms. • Do not acknowledge coauthor(s) of your poster.

8. GENERAL NOTES
• Have poster dimensions set at 40 inches by 24 inches.
• Avoid having font smaller than 24 in Times New Roman (for example).
• Make sure the formatting scheme is consistent! • The poster should stand alone- it 
should tell the story of your research without you having to be there.
• Poster sections should be well organized and have a natural flow to them.
• All figures and sections should be properly titled.
• Make sure all edges line up properly.
• Give at least a 1 inch page margin on all sides or you may find your print off eating into 
your texts and figures.

IBASM Annual Meeting Registration and Meal Reservation Form

April 6 & 7, 2018 at the University of Indianapolis, Health Pavilion Complex

Please use this form (downloadable version http://ibasm.iweb.bsu.edu/) to register for the 
IBASM meeting and to reserve your room. The meeting registration fee is $30 for regular 
members and $7 for student members. You must be an IBASM member to participate in the 
meeting. Family members are encouraged to attend and do not have to pay registration fees. 
Upon completion, email (or mail) this form to Tanya Soule (soulet@ipfw.edu) no later than 
March 5, 2018. If necessary, forms may also be mailed to Tanya Soule at the address given on 
the Membership Form below. Payment can be in the mail with a check payable to IBASM (do 
not send cash) or provided at the meeting (cash or check). Registrations received after March 5 
will be subject to a $7.00 late fee (regular members) or a $4.00 late fee (student members). 
Please feel free to contact Tanya Soule at the email address provided above if you have any 
questions. Remember, meeting abstracts are due March 9, 2018.

Name:  #Adults:  #Children:
Address:
Institution:
Phone:  Fax:  Email:
If you are not a member, you will need to become a member and include your dues with your payment for the meeting. 2018 IBASM member: ☐ Yes ☐ No

Please indicate which sessions you plan to attend:

☐ Friday evening session       ☐ Saturday morning session       ☐ Saturday afternoon session

If you are a student presenter, do you request travel assistance?  ☐ Yes  ☐ No

**Lodging and Meals:** A block of rooms has been reserved at Turkey Run Inn. To reserve your room you can call 877-563-4371 or go online at [www.indianainns.com](http://www.indianainns.com) and use the group code 0331MB to pull from the rooms in our meeting block. The first night must be provided as a deposit at the time of making the reservation. **Reservations must be made by March 1, 2017 in order to be guaranteed.** Meals will be served buffet style in the dining hall. Breakfast is $9.99, lunch is $10.99, and dinner is $14.99. **Please be prepared to pay individually (cash or card) for each meal.**

**Payment:**

Registration: ☐ Member ($30)       ☐ Student ($7)       $__________

Dues (if applicable; see following page): ☐ Non-student ($15)       ☐ Student ($5)       $__________

Late fees (if applicable)       $__________

Total Enclosed (mail or pay on-site) $__________
2018 IBASM Membership Application/Renewal

If you have not done it already, it is time to pay your IBASM dues for 2018. You can do it either online when you pay your dues to the ASM National Organization (www.asm.org) or by using this form. Dues are $15.00 for non-students and $5.00 for students (per year). Please return the completed form with check, payable to IBASM, to

Dr. Tanya Soule
Department of Biology
2101 E Coliseum Blvd
Indiana University-Purdue University, Fort Wayne
Fort Wayne, IN 46805
Phone: (260) 481-0229;
e-mail: soulet@ipfw.edu

Please check:
_____ New Member Application
_____ Renewal for 2018

and
_____ Student Member for 2018 ($5)
_____ Full Member for 2018 ($15)

Name:

Current Position & Title:

Institution:
Mailing Address (new address  Yes /  No ?) :

Phone:

Email:

Fax:

National ASM Member #:

Highest Degree:

Institution:

Professional Interests: