The 53rd Annual ASM AZ/NV Branch Meeting, April 5th, 2014. University of Nevada, Las Vegas, Las Vegas NV.

Program Schedule

8:00 - 9:00 Registration and Breakfast
9:00 - 9:05 Welcome (Gayatri Vedantam – President of the Branch)
9:05 - 9:10 Introductions and Acknowledgements (Eduardo Robleto – President elect of the Branch)
9:10 - 9:15 Opening remarks (to be decided)

SESSION 1:
9:15 - 10:10 Keynote address:
Dr. Christopher Marx, Department of Biological Sciences, University of Idaho
THE MATH OF METABOLISM: MUTATIONS THAT DON'T LIKE EACH OTHER (AND SPECIES THAT DO)
10:15 - 10:30 Oral Presentation 1
Owen P Leiser, NAU
PARALLEL SERIAL PASSAGE REVEALS CONVERGENT EVOLUTION AND POTENTIAL DOMESTICATION BIOMARKERS IN YERSINIA PESTIS.
10:32 - 10:48 Oral Presentation 2
Corey Geurink, UNLV
CHARACTERIZATION OF THE NOVEL MAGNETOTACTIC GAMMAPROTEOBACTERIUM BW2 BASED ON GENOME ANALYSIS
10:50 - 11:15 Coffee Break

SESSION 2:
11:17 - 11:35 Oral Presentation 3
Rebecca MQuade, U of A
SUPEROXIDE REDUCTASE OF C. DIFFICILE IS INDUCED BY HOST ANTIMICROBIAL PEPTIDES AND CONTRIBUTES TO OXYGEN TOLERANCE
11:37 - 11:55 Oral Presentation 4
Farhan Anwar, U of A
A COMPARATIVE ANALYSIS OF Clostridium difficile INFECTION EPIDEMIOLOGY
11:57 - 12:15 Oral Presentation 5
Otto Schwake, ASU
Factors Contributing to the Growth of Legionella in Compost
12:17 - 12:35 Oral Presentation 6
Rachel Yoho, ASU
USE OF ADVANCED ELECTROCHEMICAL TECHNIQUES TO REVEAL ELECTRON TRANSPORT PATHWAYS IN ANODE-RESPIRING BIOFILMS
12:37 - 1:35 LUNCH

SESSION 3:
1:37 - 1:55 Oral Presentation 7
Andrew Clark, U of A
FLAGELLAR GLYCOSYLATION INFLUENCES MOTILITY, FLAGELLAR ASSEMBLY, AND TOXIN PRODUCTION IN CLOSTRIDIUM DIFFICILE
1:57 - 2:15 Oral Presentation 8
Natasha Weatherspoon-Griffin, UNLV
CHARACTERIZATION OF THE FORGOTTEN SLYA IN *SHIGELLA FLEXNERI*

2:17 - 2:35 Oral Presentation 9
Keith Morrison, ASU
THE ANTIBACTERIAL ACTIVITY OF MINERALS PROVIDES NEW INSIGHTS ON METAL TOXICITY

2:37 – 3:00 Closing Remarks and refreshments
3:00 - 5:00 POSTER SESSION with coffee break
6:00 - 8:00 Dinner