

# **Curriculum Vitae**

**Dr. Saeed Saleh Omer Banawas**

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## **Educational qualification:**

- Ph.D. in Microbiology. Oregon State University  
May.2016
- M.S` degree in Biomedical Science. Oregon State  
University, U.S.A. December-2010
- B.Sc Applied Microbiology. Umm-Al-Qura University,  
Makkah –Saudi Arabia. March-2004

## **Work experience:**

- Quality Controller at *Sunbulah food & fine Pastries*  
*Mfg.Co.Ltd Jeddah-Saudi Arabia* July-2004 to May-2005
- Microbiologist in the Holy Mecca Municipalit July 2005 to  
Aug 2006

## **Publications:**

1. **Banawas S**, Paredes-Sabja D, Korza G, Li Y, Hao B, Setlow P, Sarker M. 2013. The *Clostridium perfringens* germinant receptor protein, GerKC, is located in the spore inner membrane and is crucial for spore germination. *J. Bacteriol.* 105:5084-5091.
2. Udombijitkul P, Alnoman M, **Banawas S**, Paredes-Sabja D, Sarker MR. 2014. New amino acid germinants for spores of the nterotoxigenic *Clostridium perfringens* type A isolates. *Food Microbiology* 44:24-33.
3. Olguin-Araneda V, **Banawas S**, Sarker MR, Paredes-Sabja D. 2015. Recent advances in germination of *Clostridium* spores. *Res. Microbiol.* **166**:236-243.
4. **Banawas S**, Korza G, Paredes-Sabja D, Li Y, Hao B, Setlow P, Sarker MR. 2015. Location and stoichiometry of the protease CspB and the cortex-lytic enzyme SleC in *Clostridium perfringens* spores. *Food Microbial.* **50**:83-87.
5. **Banawas S**, Paredes-Sabja D, Setlow P, Sarker MR. 2016. Characterization of germinants and their receptors for spores of non-food-borne *Clostridium perfringens* strain F4969. *Microbiology. In press*
6. Alnoman M, **Banawas S**, Sarker MR. 2016. Bicarbonate is a Co-germinant for *Clostridium perfringens* type A Non-Food-Born Isolates. Manuscript on preparation.

## **Awards and Honors:**

- Student Travel Grant Award 113<sup>th</sup> General Meeting- May 18-21, 2013 Denver, Colorado
- 2012 Gut Check Foundation Award 112<sup>th</sup> General Meeting- June 16-19, 2012 San Francisco, California
- Research funds from the Ministry of Higher education (MOHE) -Saudi Arabia for PhD degree 2011-2016
- Research funds from the Ministry of Higher education (MOHE) -Saudi Arabia for Master Degree 2008-2010

## **Other Activities:**

- Attended and presented a poster in the 113<sup>th</sup> General Meeting of American Society for Microbiology (ASM 2013) from May 18<sup>st</sup> -21<sup>st</sup>, 2012 Denver, CO-USA.
- Attended and presented a poster in the 112<sup>th</sup> General Meeting of American Society for Microbiology (ASM 2012) from June 16<sup>th</sup> -19<sup>th</sup>, 2012 San Francisco, CA-USA.
- Presented a poster at Center for Genome Research and Biocomputing (CGRB) at Oregon state University. September, 2011.
- Attended and presented a poster in the 111<sup>th</sup> General Meeting of American Society for Microbiology (ASM 2011) from May 21<sup>st</sup> -24<sup>th</sup>, 2011 New Orleans, LA-USA.

- Attended the 110<sup>th</sup> General Meeting of American Society for Microbiology (ASM 2010) from May 23<sup>rd</sup> -27<sup>th</sup>, 2010 San Diego, CA-USA.
- Attended Microbiology poster session for the graduate students in 2008 – 2016.
- Attended Pathogenesis Research in Progress Seminar (PRIPS) at Oregon State University.
- Member at American Society for Microbiology (ASM) 2008-2016.
- Member at the Saudi club in Portland State University
- Member at the Saudi club in Oregon State University
- Manager for Hajj Pilgrims in charge of Passport of hajj pilgrims of Mali and Nigeria

### **Other Qualification:**

- Umm Al-Qura University extends recognition of the second honors to Saeed Banawas
- Three month training in Medical Laboratory Technology at Basharahil Hospital, Mecca
- Six weeks training in industrial microbiology and quality control at Sunbullah food and fine pastries Mfg.co.ltd Jeddah

- Finish the English language as a second language in English language Institute in Oregon State University in the U.S from 2006-2007

### **Personal Details:**

***Full Name:*** Saeed Saleh Omer Banawas

***Date of Birth:*** 18-12-1401 A.H. (16-10-1981 C.E)

***Place of Birth:*** Makkah

***Nationality:*** Saudi

***Languages:*** Arabic & English