



American Society for Quality (www.asq.org) – Washington DC and Maryland Metro, Section 509 (www.asq509.org)

Biomed/Biotech Special Interest Group (SIG) Meeting
(<http://www.asq509.org/ht/d/sp/i/31557/pid/31557>)

“Dengue: Old Disease, New Challenges”

To be presented by

LCDR Qiao Y. Bobo, PhD

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Inspection and Review Officer

Center for Biologics Evaluation and Research (CBER)

US Food and Drug Administration

Thursday, March 27, 2014

6:00 – 6:20 PM – Networking; Pizza/drink

6:20 – 8:45 PM – Program

8:45 – 9:00 PM – Door-prizes drawing; Networking

Online Registration site: <http://www.asq509.org/ht/d/DoSurvey/i/35817>

Open to Public –

\$5: non-ASQ members to cover pizza/drink cost;

Free: ASQ members, veterans, senior citizens, teachers, students, interns, residents, postdocs, FDA Commissioner’s Fellows, MJ-DC members, NTUAADC members, CAPA members, CCACC volunteers/employees, FAPAC members, CBA members, Commissioned Corp officers, and current job-seekers

Location: Kelly’s Deli Conference Center, 7519 Standish Place, Rockville (Derwood, for GPS users), MD 20855

Registration Deadline: Please register by Thursday noon, March 27, 2014.

Question: Please contact Dr. C.J. George Chang, Chair of Biomed/Biotech SIG, ASQ509; gchang2008@yahoo.com or 240-793-8425 (cell).

Driving directions: By Cars: From I-270 (N or S bound): Take Exit 9A and exit from the FIRST right exit; turn left (east) onto Shady Grove Dr.; turn right (south) onto Rockville Pike (**Route 355**); turn left (east) onto East Gude Dr.; turn left (north) immediately onto Crabb’s Branch Dr.; turn left (west) immediately onto Standish Place. The first building on your right side is 7519 Standish Place; open parking). The venue is on the first floor with its entrance opposite to the left side of building main entrance. **By Metro trains:** Off from Red Line **Shady Grove Station**, and take RideOn **Route 59 TOWARD ROCKVILLE** and get off from “**Calhoun Place**” stop. Standish Place is next to the Bus stop. Our venue is within 2 min of walking distance from the stop.

Summary:

Dengue disease (Dengue fever) is the fastest growing mosquito-borne disease, affecting up to 100 million people each year across the world, and continue to grow both in prevalence and severity. There are approximately 25,000 fatalities each year and severe cases require hospitalization and constant monitoring. Dengue is caused by any one of four related viruses transmitted by mosquitoes. Existing methods of controlling the dengue mosquitoes, which include spraying or fogging using chemical pesticides, have failed to stop the spread of this disease. That's partly because the mosquitoes have developed resistance, but also because this specific type of mosquito (*Aedes aegypti*) lives in and around human habitation.

Although there is neither specific medication nor vaccine for dengue, scientists, researchers, biotech and biopharmaceutical companies are working tirelessly looking for solutions such as vaccines and mosquito control. The speaker will discuss the pros and cons of various approaches and consider the possible synergy of utilizing different approaches in conjunction with one another to enhance the effectiveness of dengue control.

(Note: This event was postponed from 2/27/14 due to a snow storm that day.)

Presenter's Bio: LCDR Qiao Y. Bobo, PhD

LCDR Qiao Y. Bobo, PhD currently serves as an **Inspection and Review Officer** with the Center for Biologics Evaluation and Research (CBER) at the US FDA. She performs reviews for vaccines and other biologics products and leads GMP (Good manufacturing practice) inspections of drug manufacturing facilities in the United States and overseas. She also leads advisory meetings with industry representatives to recommend actions related to facility design, operation, manufacturing, and testing procedures.

Prior to joining the FDA, Dr. Bobo had more than a decade of experience in the field of vaccine development and gene therapy for biopharmaceutical companies, publishing multiple peer reviewed articles. Dr. Bobo received a BS in Biology from Fudan University in China and her PhD in Cell and Molecular Biology from the University of Vermont.

This Biomed/Biotech SIG event is cosponsored by the Monte Jade Science and Technology Association of Greater Washington (www.MonteJadeDC.org) and NTU Alumni Association at DC (www.ntuaadc.org).