

## Workshop

# Rising Era of Potent Drug Manufacturing in the UAE

*Introductory Insight on EHS, Regulatory and Handling of High Potent (eg: Oncology) Drugs*

**Wednesday, 1st November 2017**

09:00-12:00

Dubai Science Park (DSP) Laboratory Complex  
Dubai, UAE

[affygility.com/events/dsp-workshop-2017](http://affygility.com/events/dsp-workshop-2017)

## Overview

According to a leading UAE official, the number of pharmaceutical manufacturing plants in the UAE is expected to more than double in the next five years to 34 from 16 currently as part of economic diversification efforts.

The ministries main focus is on tackling non-communicable diseases which includes the rising incidence of cancer that is eventually expected to drive the oncology drug manufacturing marketing in the region. The current trend is to develop and manufacture highly potent drug treatment or targeted therapies which target cancerous cells, while minimizing off-target adverse effects.

The increasing potential of HPAPI drugs is accompanied by increasingly complicated regulatory requirements and challenges in terms of safe production, containment and handling due to their highly potent properties.

In order to address these challenges, the workshop will provide introductory insights into the highly potent drug manufacturing field.

## Key Objectives

1. Introduction, current trends, challenges & opportunities in HPAPI development & manufacturing
2. Regulatory view and GMP landscape on manufacturing of highly potent drugs
3. Occupational safety for handling of highly potent drug products
4. Real-life learnings, experience and changing regulatory environment - future trends
5. Establishing OELs/ADEs for potent & highly potent compounds
6. Affygility solutions: Our story

## Who should Attend

Heads of Manufacturing, Quality, EHS, Early-stage Process and Technical Chemists, Toxicology professionals and late-stage outsourcing managers from Pharmaceutical Companies.

## Agenda

Wednesday, 1st November 2017, Dubai Science Park

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| 09:00-09:20 | <b>Registration and Welcome Tea/Coffee</b>  |
| 09:20-09:40 | <b>Welcome and Introduction</b><br>Insider on the Dubai Industrial Strategy; Pharmaceutical and Medical Devices Taskforce<br><i>Marwan Abdulaziz Janahi, Executive Director, Dubai Science Park</i> |
| 09:40-11:40 | <b>Key Objectives Covered</b><br><i>Dean Calhoun, Founder, President and CEO, Affygility Solutions</i>  |
| 11:40-12:00 | <b>Q&amp;A; End of Workshop</b>   |

## **Workshop Leader**

*Dean Calhoun, Founder, President and CEO, Affygility Solutions*

Dean Calhoun is an American Board of Industrial Hygiene Certified Industrial Hygienist (CIH). He has been an environmental health and safety professional for over 31 years.

Prior to starting Affygility Solutions, Dean was the Associate Director of EHS for Gilead Sciences, Inc. His experiences including development and implementation of global EHS guidelines, implementation and coordination of an executive management EHS Steering Committee, establishment of occupational exposure limits for pharmaceutical active ingredients, industrial hygiene program management, and EH&S auditing of research, manufacturing and contract manufacturing facilities.

Dean is an international speaker on the topic of EH&S in the pharmaceutical industry, and has spoken for a number of professional organizations including the U.S. Environmental Protection Agency, the National Association for Environmental Management, the National Safety Council, the Occupational Safety and Health Administration, the International Society of Pharmaceutical Engineers, and the American Industrial Hygiene Association. He is a member of AIHA, NAEM, and ISPE.