

# **Q&A and a Call to Action**

## **Murder by Medicine: Silence or Solutions**

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CUGH 2017 Conference  
Washington Hilton Hotel, DC

April 8, 2017

# Audience Activism

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From: You

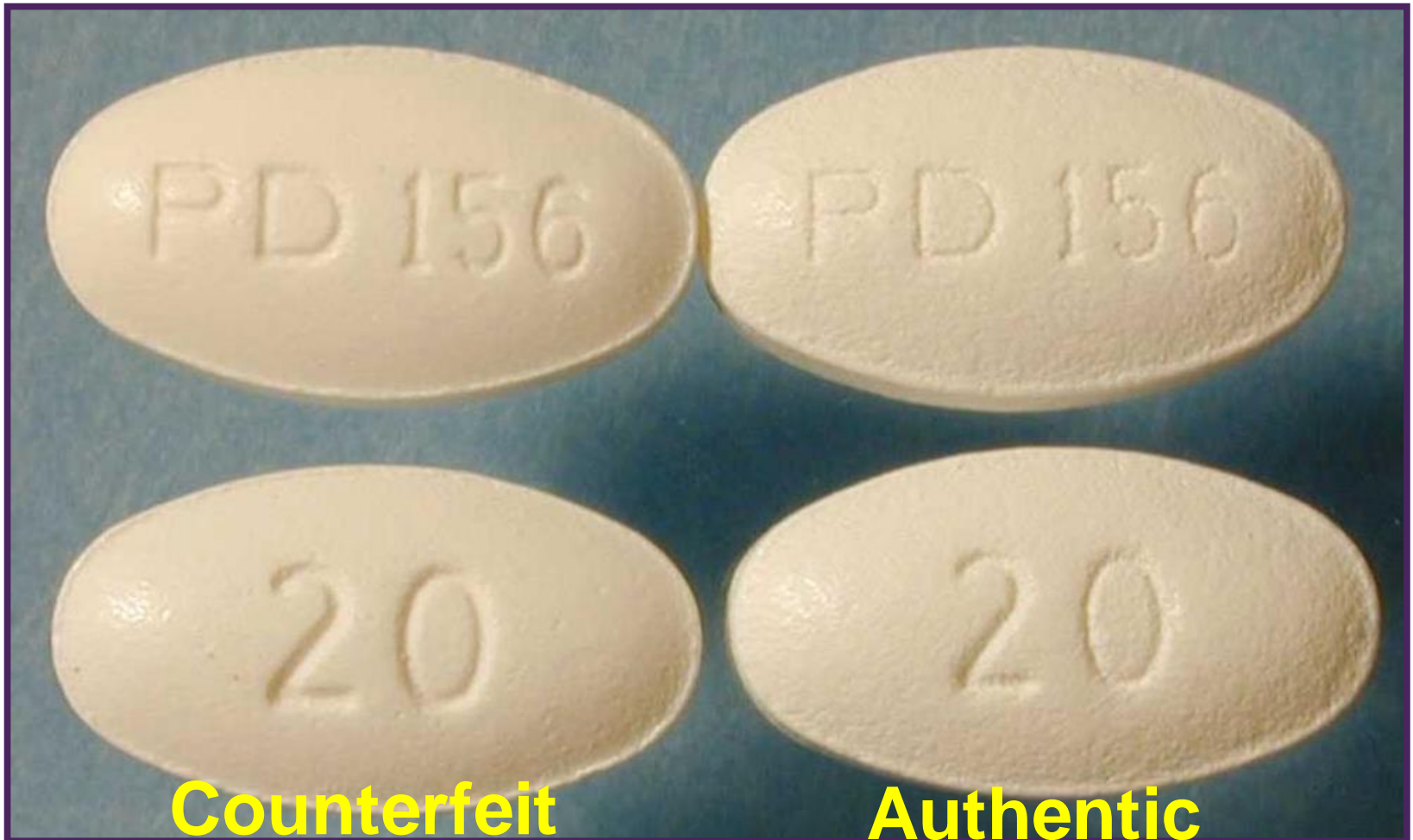
CC: [jbreman@nih.gov](mailto:jbreman@nih.gov) ; Jim Herrington, [jimhsph@email.unc.edu](mailto:jimhsph@email.unc.edu)

Subject: Preventing Murder by Medicine

I support a **Sustainable Development Goal (SDG)** targeting bad drugs

- **Point 3:** Ensuring healthy lives
- **Targets by 2030**
  - Assure 90% of drugs, diagnostics and vaccines are good quality
  - Eliminate falsified drugs
  - Strengthen pharmaceutical governance
  - Eliminate supply chain breaches

# Virtually Indistinguishable



# THE LANCET Infectious Diseases

2012; 12:488-96

## Poor-quality antimalarial drugs in southeast Asia and sub-Saharan Africa

Gaurvika M L Nayyar, Joel G Breman, Paul N Newton,  
James Herrington

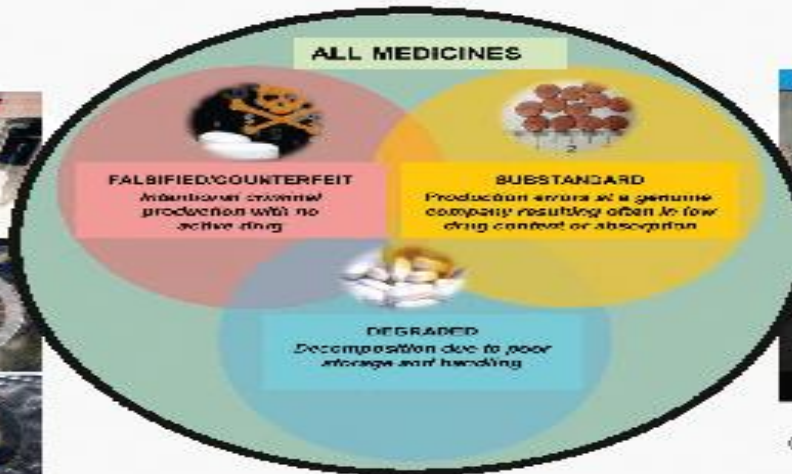
### Abstract

“...in 7 southeast Asia countries, 497 (35%) failed chemical analysis, 423 (46%) of 919 failed packaging analysis, and 450 (36%) of 1260 were classified as falsified...21 countries in sub-Saharan Africa, 796 (35%) of 2297 failed chemical analysis, 28 (36%) of 77 failed packaging analysis, and 79 (20%) of 389 were classified as falsified.”

# THE GLOBAL PANDEMIC OF FALSIFIED MEDICINES: Laboratory and Field Innovations and Policy Perspectives



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Guest Editors:  
**James E. Herrington, Gaurvika M. L. Nayyar, and Joel G. Breman**

## **Estimated Under-Five Deaths Associated with Poor-Quality Antimalarials in Sub-Saharan Africa**

John P. Renschler, Kelsey M. Walters, Paul N. Newton, and Ramanan Laxminarayan

### **Abstract**

**“...An estimated 122,350 (interquartile range [IQR]: 91,577-154,736 under-five malaria deaths were associated with consumption of poor-quality antimalarials, representing 3.75% (IQR: 2.81-4.75%) of all under-five deaths in our sample of 39 countries....”**

# Good Quality Drug Provision: Actions Needed

- Leadership Organization
- National and International Laws/Regulations
- Field Testing Devices
- Pharmaceutical Governance
- Sustainable Development Goals



US Food and Drug Administration  
A handheld CD-3 (Counterfeit Drug Detector Device)  
scans bottles of Alli, a weight loss drug.