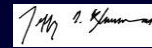


CON: Penicillin did not cause the AIDS Epidemic

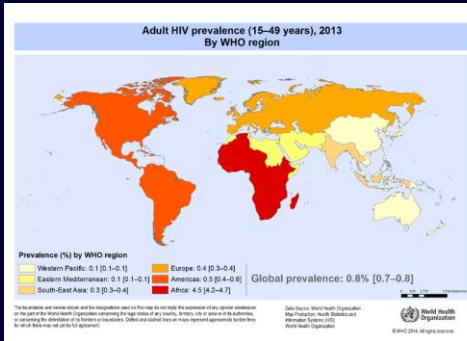
Jeffrey D. Klausner, MD, MPH
 Professor of Medicine and Public Health
 Attending Physician Ronald Reagan Medical Center
 Division of Infectious Diseases: Global Health
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Disclosures

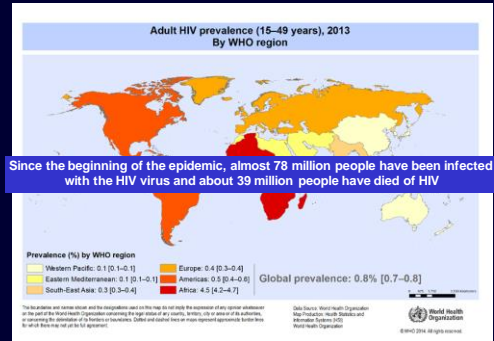
- Dr. Klausner is a faculty member of the University of California Los Angeles
- Dr. Klausner is a board member of YTH, Inc, non-profit
- Dr. Klausner is an unpaid medical advisor for Healthvana.com
- In the past 12 months:
 - Research funding or donated supplies from the US NIH, US CDC, Gilead Sciences, Hologic, Alere, Standard Diagnostics, Chembio, Cepheid and MedMira
 - Speakers bureau: None
 - Advisory board: None
 - Consultant activities: AIDS Healthcare Foundation, Flora Biosciences, Sentient Research, AIDS Project Los Angeles



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<http://www.who.int/gho/hiv/en/>

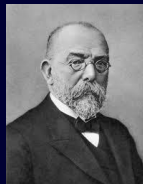


Since the beginning of the epidemic, almost 78 million people have been infected with the HIV virus and about 39 million people have died of HIV

<http://www.who.int/gho/hiv/en/>

Koch's Postulates

- Epidemiological association
- Isolation of pathogen from AIDS patients
- Transmission pathogenesis in animal models or in man



Robert Koch 1843-1910

Epidemiologic association

- HIV or anti-HIV antibodies found in > 95% AIDS cases
 - HTLV-III isolated from a total of 48 subjects including 18 of 21 patients with pre-AIDS
 - Three of 3 clinically normal mothers of juveniles with AIDS
 - One of 22 normal male homosexual subjects
 - No HTLV-III was detected in or isolated from 115 normal heterosexual subjects



Gallo et al. Science, 224: 500-503, May 1984

HIV causes AIDS: Koch's postulates fulfilled
 Guest editorial
 Stephen J O'Brien* and James J Goedert†

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Current Opinion in Immunology 1996, 8:113-118

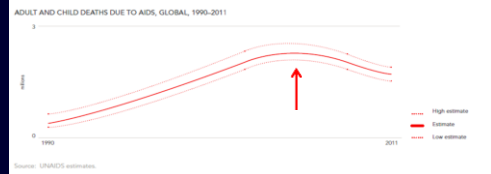
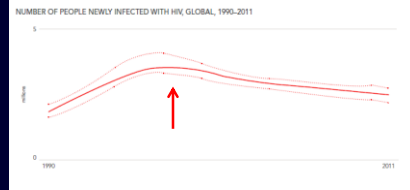
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Abbreviations:
 CDC: Center for Disease Control
 NIAID: National Institute of Allergy and Infectious Diseases
 NIH: National Institutes of Health
 IAP: International AIDS Society
 IAS: International AIDS Society
 IAP: International AIDS Society
 IAP: International AIDS Society

have adopted the position that HIV causes AIDS and that avoiding exposure and infection would prevent individuals from this avoidable plague.

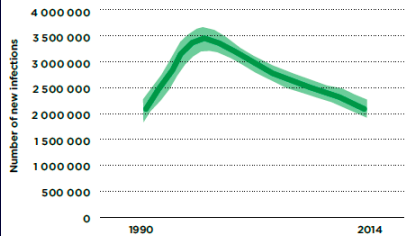
In spite of overwhelming evidence to the contrary, Berkeley molecular virologist Peter Duesberg (along with several high profile converts such as Deborah Kay Madhok) continues his decade-long crusade to argue rhetorically (but with scant data) that HIV does not cause AIDS (13-23). Interview with Peter Duesberg, *Genes, Paris Edition*, June 1994. Following a similar lecture in both the scientific and popular press, Duesberg's latest offering, a 772 page volume entitled *Overcoming the AIDS Virus* [26], continues to elaborate about the perceived problem with the tens of thousands of scientific papers and scientists who are persuaded that HIV is the etiological agent that causes AIDS. Duesberg postulates that recreational drugs, such as cocaine, heroin, amphetamines, and immune hyperstimulation are the true cause. Duesberg and his disciples have largely rejected epidemiological arguments for HIV being the cause of AIDS because of the 38 edges of statistical inference and the confounding pangloss which represent the ever changing definitions of what constitutes AIDS. For example, Kaposi's sarcoma can occur in persons with

Reedy Skiles, in his chilling narrative of the early phases of the AIDS epidemic, recalled "that the first 'Patient 0' [1], suggested that a gay Caucasian airline steward named Patrick Zimo, (disproportionately spread) human immunodeficiency virus (HIV) through multiple sexual liaisons during the historic bisexuality exhibition in 1976. Although this scenario may be apocryphal, the lesson lies with the first outbreak of a 'gay cancer' as AIDS was known to those men to reflect the association with multiple Kaposi's sarcoma diagnosed in 1981 in New York and Los Angeles. HIV was initially discovered

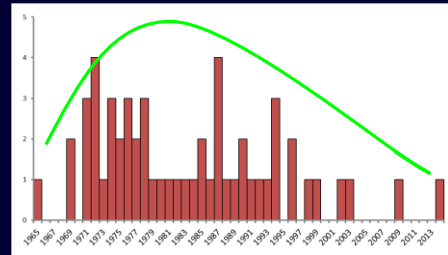


Global report UNAIDS report on the global AIDS epidemic 2012

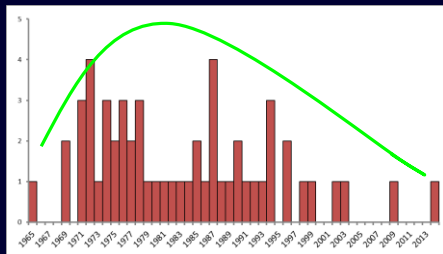
Number of new HIV infections, global, 1990-2014



Source: UNAIDS 2014 estimates.



Number of new Bill Cosby movies or shows by year

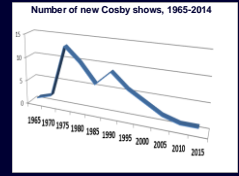
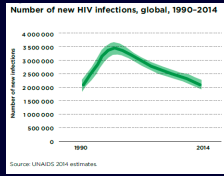


William Henry "Bill" Cosby Jr.



Google images, New York magazine, 2015

New HIV infections globally vs. new Cosby shows



Conclusions

- Overwhelming evidence HIV causes AIDS
- Introduction and spread of AIDS occurred BEFORE penicillin
- Maybe Bill Cosby caused the AIDS epidemic?
- Penicillin did not cause the AIDS epidemic

Thank you

