

Swine H1N1 Influenza A: Transmission of Viruses in Indoor Air: HVAC System Protection Options

**Federal Interagency Committee for Indoor Air Quality
Environmental Protection Agency**

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**Steven Welty CAFS, CIE, LEED AP
Green Clean Air Reston, VA**

703.927.7532 GreenCleanAir@aol.com

Soma Medical Sdn Bhd - No. 92A, Lorong Maarof Bangsar Park 59000 Kuala Lumpur - Malaysia - South East Asia
Tel: +60 3 2287 5790 - Fax: +60 3 2287 6790 - Email: sales@somamedical.net - www.somamedical.net - www.somamedicalnews.com

The Swine Flu “Pandemic” demonstrated just how fast and far influenza can travel to Infect and Kill innocent victims.

Some of the highlights so far:

- 99 deaths
- 15,000 infections
- “Funny” swine flu fooled experts with low fatality rate*
- Experts acknowledged that “sanitizing surfaces” of schools where occupants had contacted the swine flu was an basically worthless exercise
- China demonstrated the success of vigilant airline passenger surveillance and quarantine
- No one really explained how airborne transmission occurs and what proactive protection measures one could take to mitigate exposure besides face masks.

*Washington Post 5.31.09

Bacteria vs Viruses-

Know your Airborne Germ

Bacteria

1. Living Cells
2. Need moisture
3. Most need Oxygen
4. Need Nutrients to Reproduce
5. Grow by cell division
6. Some can self propel

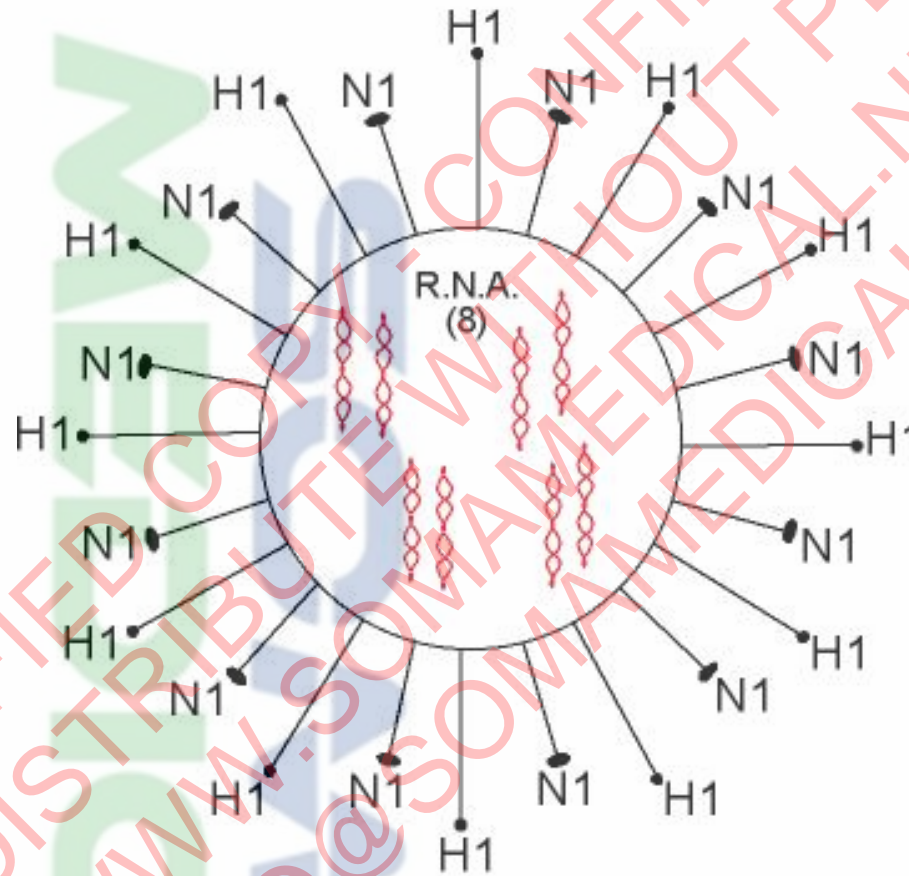
Viruses

1. Not "Living" Cells-Inert DNA/RNA in a protein shell
2. Do Not Need moisture
3. Do Not need Oxygen
4. Do Not Need Nutrients to stay Viable
5. Do Not Grow by cell division
6. Do Not self propel

How many Anthrax Bacteria do you need to inhale to kill you?
How many Flu Viruses do you need to inhale to kill you?

H1N1

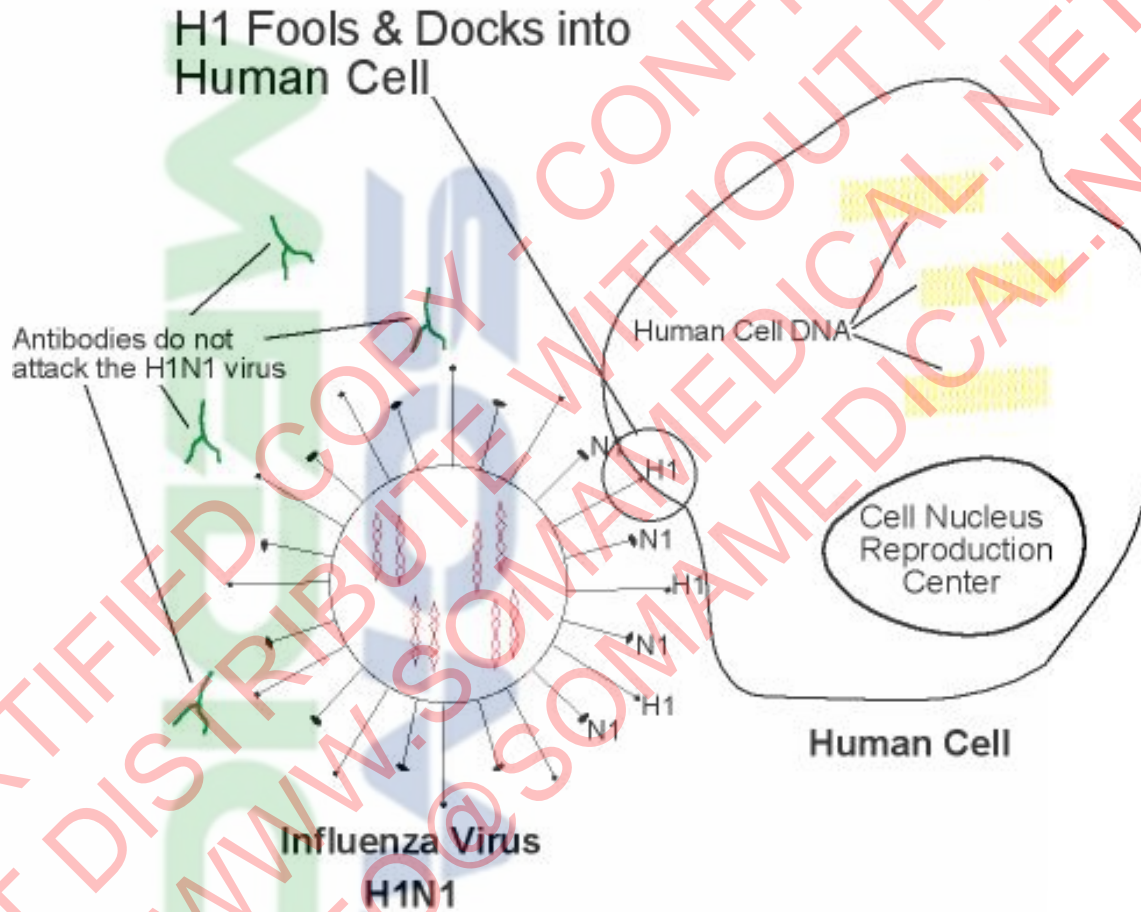
Swine Influenza Virus



(1)

H1N1 Begins Infecting Cell

(Rings Door Bell)



(2)

