







# **Influenza Highlights**

## **Basic Research**

- Genomic sequencing: ~2000 isolates released to GenBank
- Interface between avian and human influenza

#### **Diagnostics**

 Utilizing new technologies for rapid and sensitive identification (MChip)

### **Therapeutics**

- Maximizing potential use of existing drugs
- Developing new antivirals

#### **Pre-Pandemic and Pandemic Vaccines**

- New strategies/technologies to improve existing vaccines
- Development of strain-specific and "universal" pandemic vaccines

## A Delicate Balance: The Perpetual Challenge

The Extraordinary
Capability of
Microbial
Pathogens to
Persist, Emerge,
and Re-Emerge

Public Health
Measures,
Biomedical
Research, and
Countermeasure
Development

