

## Message from FLU Co-chairs

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Colleagues: As we move into the 2012-2013 influenza season in the Northern Hemisphere, we wish to take this opportunity to thank and acknowledge your contributions as site investigators in helping to sustain and support one of the largest comprehensive observational networks of global influenza activity in existence. Although having its genesis with the 2009 pandemic outbreak of H1N1, the INSIGHT- influenza studies have now expanded to capture ILI (influenza-like illness) caused by all of the major circulating subtypes of influenza at over 75 sites around the world. We continue to fill a unique niche in this regard, both in terms of our unprecedented capability for correlating clinical presentations with different viral isolates and for our ability to map these changes, both over successive flu seasons and over time. As you know, the spectrum of human influenza infection remains a moving target in many ways, and the INSIGHT studies are fueling a remarkable database of both clinical samples and patient demographics that has great potential to improve our knowledge of host susceptibility factors, viral divergence and evolution, geographic differences, and other characteristics affecting the annual burden of disease exacted by this persistent and every changing pathogen.

Over the next several months we expect the fruits of our mutual labors to become even more evident as individual writing groups prepare to submit some of their initial observations and analyses for publication in peer-reviewed journals. Opportunities for participation on additional writing groups will also continue to expand over the coming year

Above all, we recognize that recruitment of patients ill with acute influenza continues to pose many challenges to site investigators and their staff on the front lines, and again wish to thank you for your participation in these studies and for your continued support of the INSIGHT mission.

## TOP 5 ENROLLING SITES TO DATE\*:

### FLU 002

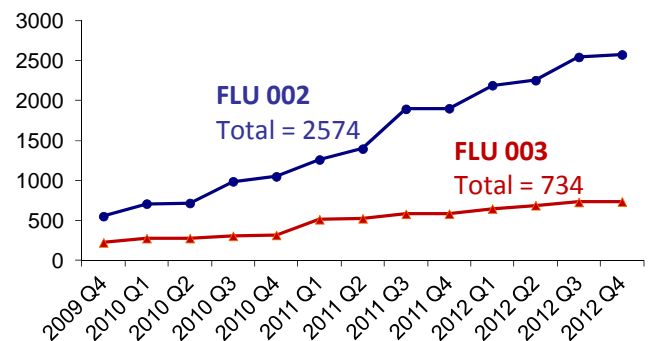
- 268-Practimed Medisch Centrum Tessenderlo, Belgium, J. Weckx
- 263-Hosp. Prof. Bernardo Houssay, Argentina, G.D. Lapardo
- 219-Chulalongkorn Univ. Hospital, Thailand, K. Ruxrungtham
- 181-Hosp. Gen. de Agudos JM Ramos Mejia, Argentina, M. Losso
- 157-Hosp. Italiano de Buenos Aires, Argentina, L. Barcan

### FLU 003

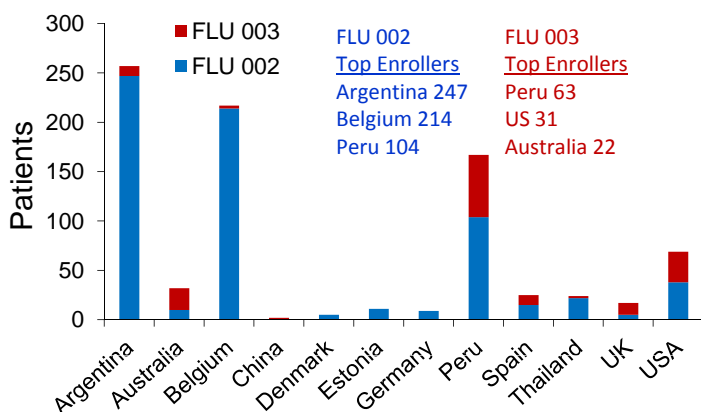
- 59-Hospital Nacional Arzobispo Loayza, Peru, C. Benites
- 48-Arhus Universitetshospital, Skejby, Denmark, L. Oestergaard
- 37-Westmead Hospital, Australia, D. Dwyer
- 27-Centre Hospitalier Universitaire St. Pierre, Belgium, N. Clumek
- 23-Churchill Hospital, United Kingdom, B. Angus

\*sites currently registered

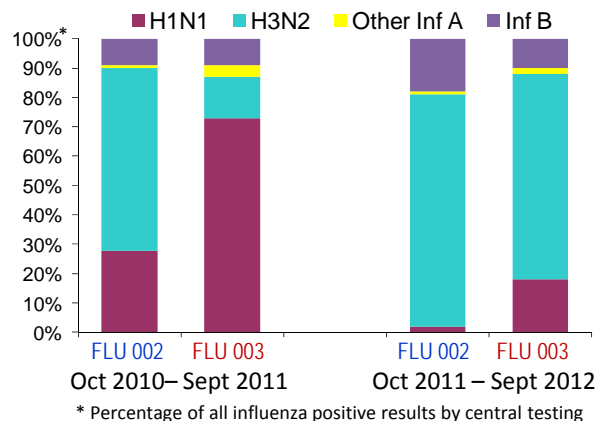
## Cumulative Enrollment



## Enrollment by Country (01 Oct 2011 to present)



## Frequency Distribution of Central PCR Results



## Project Updates

We are approaching a fertile period in our INSIGHT Influenza studies when we should begin to see several of our ongoing projects being readied for submission to the peer-reviewed literature:

**Already published:** *Surveillance of illness associated with pandemic (H1N1) 2009 virus infection among adults using a global clinical site network approach: the INSIGHT FLU 002 and FLU 003 studies.* [Vaccine](#), 2011 Jul 22;29 Suppl 2:B56-62.

**Recently submitted:** *The Association Between Serum Biomarkers and Disease Outcome in Influenza A(H1N1)pdm09 Virus Infection: Results of Two International Observational Cohort Studies.*

## Projects nearing manuscript preparation:

- Bacterial and viral co-infection in A(H1N1)pdm09 patients
- Sequence analysis of in vivo subgenomic RNA of influenza A(H1N1)pdm09 virus strains
- Serologic analysis of A(H1N1)pdm09 patients

To track influenza activity in your area and worldwide:

- Contact your local public health agencies
- INSIGHT website [www.insight-trials.com](http://www.insight-trials.com) Influenza Links
- WHO website [www.who.int/influenza/en/](http://www.who.int/influenza/en/)
- CDC website [www.cdc.gov/flu/](http://www.cdc.gov/flu/)