

Sanofi Pasteur Limited – “Building 95” Fact Sheet

Known internally as “Building 95”, the new research and development (R&D) facility is Sanofi Pasteur’s North American Centre of Excellence:

- Part of \$600 million in capital investments the company has made in Toronto in the past decade, the building itself cost over \$100 million
- 300 highly-skilled vaccine researchers, technicians and accomplished scientists will have access to state-of-the art technologies in some of the most advanced vaccine research laboratories in North America
- Sanofi Pasteur’s North American Centre of Excellence will focus on:
 - Bioprocessing R&D to:
 - Develop and test conditions for culturing bacterial, cell line and viral products
 - Develop and optimize purification processes
 - Assess formulations to improve product stability (i.e., efficacy over time)
 - Produce batches for development and clinical trial batches
 - Analytical R&D for:
 - Development, qualification and validation of testing methods
 - Development of vaccine batches
 - Testing and releasing of vaccine clinical trial batches
- The results from release and stability tests are included in regulatory filings to provide key information on the safety and efficacy of the vaccines to support the eventual licensure and marketing of the final vaccine products.

Eco-Friendly Design

Sanofi Pasteur’s Building 95 is a green-design concept that minimizes energy and water consumption yet maximizes employee comfort and security in the labs. Specially-designed ‘get-together hubs’, where scientists and technicians can gather to relax, encourages collaboration and synergy between research teams.

The company is in the process of submission for a Leadership in Energy and Environmental Design (LEED) Green Building Rating System[®]. Eco-friendly design features include:

- Efficient building skin (cladding colour is white and assists in cooling the building)
- High efficiency thermal glass (glazing has a dark tint, high UV protection)
- Mechanical and electrical savings of 3290 MWh/year and 743 MWh/year
- Associated CO₂ reduction is estimated to be 857,000 kg/year
- Equipment corridors are designed to capture heat in one area; this energy is then used to heat incoming fresh air
- Air-to-air heat exchanger to preheat incoming air (100% fresh air for laboratory)
- Occupancy sensors throughout the building
- Efficient lighting systems (interior design allows for use of natural light and LED lighting is used in stairwells)
- All water fixtures are designed to be low flow
- Storm-water management facility allows capture of rainwater for irrigation purposes