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# avenue

A NEWSLETTER FOR NEIGHBOURS  
OF SANOFI PASTEUR'S  
CONNAUGHT CAMPUS

## Neighbours Take Eco Tour

On July 22, more than 40 neighbours took an outdoor guided tour to learn more about sanofi pasteur's environmental initiatives and exciting innovations. As part of the ongoing effort to maintain a green campus, a host of environmental projects have recently been implemented on the site. Read more about these initiatives in the Q&A story inside this issue of *Avenue*.



*"We have a responsibility to uphold for future generations, and we are doing our best to achieve this vision," says Sean Marsell, Manager, HSE Systems. "Everyone on site can feel a sense of pride about being part of a company that takes caring for our environment seriously."*

**sanofi pasteur**

The vaccines division of sanofi-aventis Group

# EMERGENCY MEDICAL STATION

## Q&A: Health, Safety and Environment

*At our recent community forum, some of our neighbours had questions related to Health, Safety and Environment (HSE). Read on to learn how our dedicated HSE team keeps our site safe, environmentally-friendly and compliant.*

**Q:** Does sanofi pasteur adhere to recognized compliance standards for HSE?

**A:** Yes, our HSE team works with all employees to ensure health, safety and environment requirements are being met. These requirements are based on municipal, provincial and federal legislation. International standards are applied where appropriate. Audits and inspections are conducted by the City of Toronto, Ministry of Labour and Ministry of Environment.

We have a robust and annually-reviewed HSE Management System in place to ensure issues are addressed proactively and continuous improvement is built into how we conduct our business.

**Q:** What steps does sanofi pasteur take to ensure fire safety?

**A:** All buildings on the property comply with the Ontario Building Code and Ontario Fire Code, Factory Mutual and National Fire Prevention standards. We ensure compliance through annual inspections, and through weekly, monthly, semi-annual and annual preventive maintenance on all our fire systems on site.

**Q:** Is the site equipped with a fire alarm system? How do you ensure these systems are reliable?

**A:** Yes, our buildings have been designed with early warning fire alarm and automatic fire suppression systems. We also have a close relationship with the local fire department to ensure they are familiar with our site in the event of an emergency. They make annual visits to review our buildings as well.

A robust system ensures fire protection and prevention systems are in place and functioning. The resources of Factory Mutual, our insurer, are leveraged to ensure we meet the highest standards. This is demonstrated through our successful designation of Highly Protected Risk Status – a recognition bestowed on sites that demonstrate commitment to Factory Mutual's high standards of fire prevention.

**Q:** How does the site respond to emergency situations?

**A:** In the event of an emergency, a fully trained and equipped Emergency Response Team (ERT) is available on site. Comprised of 12 individuals, the ERT is trained in spill control, incident command, confined space

entry and rescue, first aid and CPR, Automated External Defibrillator use and fire protection.

The ERT liaises with local police and fire units where required to ensure prompt resolution of any serious incidents that may occur. All buildings on site are equipped with emergency preparedness and response plans. We also have an internal notification system, which consists of a “one number” activation that links any caller directly with Security. We have a Crisis Management Action Plan for the site.

**Q:** What security measures are in place on site?

**A:** Access to the site is monitored by our security team who are on duty 24 hours a day, seven days a week. The site's outside perimeter is surrounded by an alarmed fencing system that triggers a signal to our security monitoring station in the event of a disturbance. As well, an Anti-Ram Vehicle Barrier at the main entrance prevents forcible entry into the site. Access to the site is controlled via a site-wide camera monitoring system and proximity card system. In case of unwarranted entry, magnetically controlled door locks and audible alarms are in place to alert security personnel.



**Q: Has sanofi pasteur taken any steps towards becoming more environmentally friendly?**

**A:** Yes – we are always dedicated to minimizing our impact on the environment, and strive for long-term sustainability of our operations. Some of our key environmental initiatives include:

- > Wastewater Monitoring Program - Wastewater from the site is monitored internally by HSE and externally by the City of Toronto to ensure compliance with municipal regulations. Sanofi Pasteur has developed Standard Operating Procedures on the monitoring and release of wastewater, which goes through a multi-stage decontamination and neutralization system before being discharged into the city sewer system.
- > Stormwater Management System - All the stormwater from the site flows through a network of catch basins, which then proceeds to an oil and grit separator and settling chamber, before finally being released off the site. For any outdoor spills, an emergency valve can isolate the stormwater to allow appropriate clean up, preventing it from contaminating the environment.
- > Site Tree Program - We are planting 200 additional trees along the west fence line. The trees have been selected to match the natural canopy of surrounding conservation area. We are also adding trees and shrubs to increase the

canopy along the eastern border. The canopy will not only enhance the aesthetics of the surrounding neighborhood, but also reduce the site's carbon footprint.

- > Incorporating Green Design into New and Renovated Facilities - All new and renovated facilities are designed with the environment in mind. New designs include: high-efficiency thermal glass, window glazing with a dark tint for high UV protection, efficient lighting systems and an air-to-air heat exchanger to preheat incoming air.

**Q: What is the status of your Noise Reduction Program?**

**A:** Sanofi Pasteur has made great progress with our \$1 million noise reduction program. All of the buildings on our campus are being assessed and we are making any necessary changes to reduce noise levels. We have completed Phase I and Phase II, and have successfully reduced our overall site noise level by 10 decibels compared to baseline readings from 2008. Nine buildings on site have recently benefited from noise reduction technologies such as barriers, silencers and upgrades to fans.

We expect to reduce levels by another five decibels as we enter Phase III of this program. There are seven stations on the site

for monitoring noise on an ongoing basis and we work with external consultants who make recommendations for improvements.

**Q: How much noise are your new buildings contributing on the site?**

**A:** Sanofi Pasteur proactively integrates noise assessment into our design process for renovations or new buildings. This ensures any issues are identified and addressed early on in the process. For example, our new R&D Building has contributed minimal noise on our site thanks to noise-mitigating strobic exhaust fans that direct emissions away from our surrounding neighbourhood. We've also retrained all our construction workers to ensure that their work adheres to municipal bylaws and occurs only during restricted hours (weekdays between 7 a.m. – 5 p.m., weekends 9 a.m. – 4 p.m.).

*At sanofi pasteur, one of our goals is to keep you informed and to address any concerns you may have about the site. Please contact Nancy Simpson at 416 667-2955 with any of your comments or questions.*





# Travellers' Diarrhea

## Can strike when you least expect it

DukORAL® is the **ONLY** vaccine for the prevention of Travellers' Diarrhea.†

**Talk to your doctor or pharmacist or visit a travel clinic to learn more about DukORAL®.**

For more information, visit [www.preventthesurprise.com](http://www.preventthesurprise.com).

**Up to 1 in 2 people may get Travellers' Diarrhea during a 2-week visit to tropical destinations.<sup>1\*</sup>**

\* These destinations include Africa, Southeast Asia, Latin America, Mexico and the Caribbean.<sup>1</sup>

† Caused by enterotoxigenic *E. coli*.

DukORAL® is indicated for protection against Travellers' Diarrhea caused by enterotoxigenic *E. coli* (ETEC) and/or cholera caused by *V. cholerae* in adults and children 2 years of age and older who will be visiting areas where there is a risk of contracting Travellers' Diarrhea or cholera. DukORAL® is not recommended for use during pregnancy but may be taken by nursing women. It is not intended to prevent diarrhea caused by other organisms, nor to treat diarrhea caused by ETEC. DukORAL® should be taken at least two weeks before leaving on vacation. Booster doses are required beyond 3 months. As with all vaccines, 100% protection is not guaranteed. Travellers should take all necessary precautions to avoid contaminated food and water.

Some persons may experience side effects, such as abdominal pain, diarrhea, fever, nausea or vomiting. Allergic reaction can also occur.

Talk to your doctor or pharmacist or visit a travel clinic to see if DukORAL® is right for you or visit [www.preventthesurprise.com](http://www.preventthesurprise.com) for more information on DukORAL®, including a copy of the Consumer Information.

Reference: 1. DukORAL® Product Monograph, sanofi pasteur, November 2007.



**Help prevent the surprise**

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Sanofi Pasteur employees celebrated the official opening of the new R&D building on July 20.

## Toronto Site Goes Green With B95

### Innovative earth-friendly design is a driving force for the new R&D building

The Toronto site's new Building 95 opened its doors this year, welcoming colleagues from our Sunnybrook site last February. The transfer marked a momentous union of Toronto's two sanofi pasteur sites and a great milestone for the project after 416,000 man hours with no lost time injuries – earning the Carillion President's Award for Safety.

In close collaboration with the Engineering & Industrial Technology department, the Health, Safety & Environment department worked to ensure that construction activities were carried out according to local and corporate codes and standards, as well as incorporating environmental best practices. The result is an innovative design that boasts a number of

user-friendly workspaces and eco-friendly features.

These green elements include light-coloured walls for low heat absorbency, dark coated glass for blocking UV rays, timed occupancy light sensors, chillers with variable speed drives, equipment corridors with direct venting to plate-to-plate heat exchangers that recycle heat energy and noise-mitigating strobic exhaust fans that direct emissions higher into the air, away from the surrounding neighbourhood.

These green features lend a sense of productivity to the site, along with architectural features that were implemented with the needs of B95's occupants in mind. Central to this concept are the conversation "hubs" located on the second and third floors, which provide informal meeting spaces that encourage users to partake in idea-sharing and useful breakout sessions – facilitating effective discussions and fostering healthy work relationships on site.

## Community Forum

On June 24, nearly 200 local residents attended an information session at the sanofi pasteur site to learn more about the company's re-zoning application. The **City of Toronto Planning Department** and **Councillor Michael Feldman** provided a detailed overview of sanofi pasteur's application for a change in zoning for the south 13 acres of the site. These 13 acres were originally zoned industrial when the company moved to the site in 1917. In the 1970s, these acres, along with some to the east, were re-zoned residential in the 1970s. The eastern acres east were sold to a home developer while the back 13 acres remained site property. "This change of zoning would allow future growth for the site, including the possibility of constructing three new buildings over the next 10 to 15 years," said Norm Medeiros, Senior Director of Facilities Management at sanofi pasteur.



Where Innovation Begins



## Helping Haiti

Linda Campbell, Senior Director, Product Planning at Health Partners International of Canada (HPIC), visited sanofi pasteur on Thursday, May 20 to thank employees for their generous donations to help the people of Haiti. Following the devastating earthquake in Haiti earlier this year, sanofi pasteur and sanofi-aventis in Canada employees rallied together to raise **over \$40,000**. The donations were matched by sanofi pasteur and sanofi-aventis, and also by the government of Canada – resulting in **\$124,179 in aid**.



Linda Campbell (centre) presents Nancy Simpson, Director of Communications, and Dr. Luis Barreto, VP, Immunization and Science Policy with a plaque recognizing the generous donations of sanofi pasteur employees.

## Food Drive Donations Doubled

Sanofi Pasteur employees received special thanks from the North York Harvest Food donating **359 pounds** of food during a spring food drive. Their contributions more than doubled the company's contributions from 2009, supporting those in need by helping to reduce hunger.

The North York Harvest Food Bank works towards the relief of hunger in communities throughout northern Toronto.

## United for United Way

Employees came together to support this year's United We Give campaign, with events that included a Breakfast Bistro and the CN Tower Climb of 1,776 steps.

With our employees' continued generosity and the company's contribution, our total contribution was **\$210,000**.



## Hope in Bloom

Employee volunteers did a fantastic job selling flowers this spring to raise money for great causes. Tulip bouquets purchased by employees raised **\$727** for the Parkinson's Society, which is double the amount of money raised last year! A campaign for the Canadian Cancer Society produced **\$371 in daffodil sales**.



## Buying Lunches for Hungry School Children

In 2009, sanofi pasteur launched a campaign to purchase lunches for school children in Southeast Asia and Africa through World Vision. Without proper nutrition, children have difficulty learning, and for some, a school lunch will be their only good meal of the day.

The site raised **\$3,331** – enough to provide lunches for three classrooms of 50 children for more than a year. Providing these lunches helps to increase school enrollment, student energy levels and attention spans.

Sanofi Pasteur's 2010 World Vision campaign will provide moringa trees to families in Africa.

Moringa trees can withstand African climates and are a **nutritious food source** that can also be used for **animal feed, medicine, water purification, producing rope fibre** to sell at market and many more valuable resources!



## Inspiring Young Scientists

### Sanofi-aventis BioTalent Challenge

The Sanofi-aventis BioTalent Challenge (SABC) is a national program which introduces high school students to the real world of biotechnology by enabling them to carry out research projects of their own design. This year the event produced its youngest finalist ever.

14-year-old Rui Song from Saskatoon won \$5,000 for her research into finding a molecular marker that would distinguish two closely related types of fungus which attack lentils. If farmers were able to determine that the milder version of the fungus was attacking their crops, it would save them time, money and effort as they could do without spraying a fungicide, judges noted in awarding Rui the prize. Brian Krug, a grade 11 student from Guelph, won the second place prize for his project that found a green tea extract which offered a potential new treatment for ovarian cancer.

The SABC is sanofi pasteur's biggest sponsorship and its primary objective is to encourage more students to pursue studies and careers in biotechnology for which students like Rui are very grateful. "This competition provides a unique opportunity for someone like me to do high-level research guided by mentors who are some of the best minds in their field."

The SABC competition takes place annually at the regional level and winners go on to compete at the Sanofi-aventis International BioGENEius Challenge.

*Sanofi Pasteur President Mark Lievonen congratulates winner Rui Song on her research.*



## Visions Of Science

Student Apsara Syed shares how Visions of Science has been a benefit to her

*"The Visions of Science program has taught me a lot. Not only do I get to learn about science in school, but I get hands-on experience by taking part in weekly, fun experiments that the club organizes. The experiments always relate to what you are learning at school. They are fun and keep us really motivated. The volunteers always encourage the students and they always support us. I think it's important for young children to learn and get involved and ready for the future – I feel like I'm getting ready for mine! My future career fully involves science, because I want to be a medical doctor."*

Founded by sanofi pasteur employee Francis Jeffers, Visions of Science is a not-for-profit organization which promotes the education of science, mathematics and technology among African Canadians and other under-represented children and young adults. The organization's 19th annual science symposium was held at Ryerson University this past May. Grade-eight student Apsara Syed was one of the many students awarded for participating in the symposium. Her science experiment at this year's fair, "Shaping Your Thoughts," tested different people to determine which side of their brain, left or right, is dominant. She has been a participant of the Visions of Science program for three years – attending a two-hour workshop every Saturday and completing a new experiment each time.



## TETANUS: Are You at Risk?

Carson Arthur, outdoor living expert and host of HGTV's *Green Force* and Global TV's *Room to Grow*, is joining the Canadian Coalition for Immunization Awareness & Promotion (CCIAAP) to encourage Canadians to make sure they are protected against tetanus.

Summer is here and as you get outside to enjoy the weather and do some gardening, you may want to check your immunization records to ensure your tetanus booster is up-to-date.

The bacteria that cause tetanus live in soil, dirt and dust, and can enter the body through a cut or puncture in the skin – even a splinter is enough to let the bacteria in and cause infection.

"When preparing for an outdoor project, I find that most people, myself included, remember to take precautions like wearing safety glasses and steel-toed boots, but we don't often think to protect ourselves against hidden dangers like tetanus," says Arthur. "Simple solutions like wearing gloves when digging in soil or composting, are an easy start."

"Before I learned about the danger of contracting tetanus outdoors, I put myself at risk so many times and didn't even know it - from stepping on a rake, to cutting my hand on pruning shears, to scraping my knuckles while repairing the eavestrough," adds Arthur. "That's why it's so important to be proactive and protect yourself."

Adults who have not had a tetanus booster in the last 10 years could be putting themselves at risk of contracting this rare but serious disease while working on their home or garden.



*Sanofi Pasteur hopes to reach more Canadians this year and convey the importance of immunization with the help of outdoor living expert, Carson Arthur.*

"Many people have no idea when they got their last tetanus shot. If you're not sure, now is a great time to get a booster and start keeping an immunization record so that you can keep track," said Dr. Bonnie Henry, Chair of the Canadian Coalition for Immunization Awareness & Promotion. "One helpful tip to help you remember is that if you get a tetanus booster this year, you'll need a new one at the change of each decade to ensure your protection stays up-to-date."

*"Tetanus just doesn't lurk on rusty nails – it's in dirt, soil and dust, so you're at risk of exposing yourself even through simple things like kneeling in the garden with a scraped knee."*

### ROLL UP YOUR SLEEVES AND PROTECT YOURSELF

To avoid contracting tetanus while working or playing outside, follow these easy steps:

- Ensure that your immunization is up-to-date.
- Get a tetanus booster every 10 years at your local clinic, doctor's office or travel clinic.
- Wear gloves, protective clothing and footwear while renovating, gardening, composting or doing yard work.
- Be careful when using tools that could cut or puncture your skin.
- If you are injured, clean wounds thoroughly and immediately with soap and warm water. Cover the wound and visit your doctor or the emergency room if it is a more serious injury.

# You do everything to protect your little one. But what about yourself?

**Adults and adolescents can get whooping cough. Help prevent it with the ADACEL<sup>®</sup> vaccine.**

Think you're safe from whooping cough? The fact is whooping cough (pertussis) has been found in 10 to 20% of adults and adolescents with a cough illness lasting 7 days or more without improvement.

Don't take chances. Get vaccinated with ADACEL<sup>®</sup>:

- It provides protection for you against three diseases (pertussis, tetanus and diphtheria).
- It may help to indirectly protect susceptible infants (<6 months old) who have not begun their immunizations or are only partially immunized (e.g., one or two doses).

**At your next visit, ask your doctor about ADACEL<sup>®</sup>.**

ADACEL<sup>®</sup> is not indicated to prevent the transmission of pertussis to infants.

ADACEL<sup>®</sup> is indicated for active booster immunization for the prevention of tetanus, diphtheria and pertussis (whooping cough) as a single dose in persons 4 to 64 years of age. As with any vaccine, ADACEL<sup>®</sup> may not protect 100% of vaccinated individuals. Some people who receive ADACEL<sup>®</sup> may have mild side effects such as redness, swelling or pain at the site of the injection. They may also feel tired or have a headache, generalized body ache and sore or swollen joints. These side effects usually go away within a few days.

As with any vaccination, the vaccine should not be given to anyone who is allergic to any of the components in ADACEL<sup>®</sup>.



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*A vintage exterior, functional modern interior, and accessible location make the newly-renovated FitzGerald Conference Centre an ideal showcase building for visitors, government agencies, and other clients.*

## Heritage Centre Opens Showcasing Sanofi Pasteur's History

The newly-renovated FitzGerald Conference Centre brings the latest in meeting room design and technology to sanofi pasteur while paying tribute to our past. Built in 1914 as the original laboratory for the Connaught Campus, the building remains a historically significant piece of our company's legacy. The exterior was fully restored in 2007, with the help of a historical architect and period-authentic materials imported from Germany, giving this picturesque building brand new life.

The Heritage Centre, a focal point inside the facility, celebrates sanofi pasteur's remarkable employees who have made a difference to the health of Canadians and people around the world. Archival objects and photographs help tell sanofi pasteur's story spanning almost a century.

**ABOUT AVENUE** *Avenue* is sanofi pasteur's newsletter for its Connaught Campus neighbours. Our objective: keeping you apprised of important events and ongoing projects at sanofi pasteur. We welcome your feedback. Please contact the Communications Department with any of your questions or concerns by calling **416-667-2955**.

**ABOUT US** Sanofi-aventis, a leading global pharmaceutical company, discovers, develops and distributes therapeutic solutions to improve the lives of everyone. Sanofi-aventis is listed in Paris (EURONEXT: SAN) and in New York (NYSE: SNY).

Sanofi Pasteur, the vaccines division of sanofi-aventis Group, provided more than 1.6 billion doses of vaccine in 2008, making it possible to immunize more than 500 million people across the globe. A world leader in the vaccine industry, sanofi pasteur offers the broadest range of vaccines protecting against 20 infectious diseases. The company's heritage, to create vaccines that protect life, dates back more than a century. Sanofi Pasteur is the largest company entirely dedicated to vaccines. Every day, the company invests more than EUR 1 million in research and development. For more information, please visit: [www.sanofipasteur.com](http://www.sanofipasteur.com) or [www.sanofipasteur.ca](http://www.sanofipasteur.ca).

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