

Front Porch

Distributed to the Greater Stapleton Area

STAPLETON

DENVER, COLORADO

JUNE 2007

New Tree, Students Get Watered



Julie Davis sprays her Westerly Creek classmates who are in a festive mood as they approach the end of the school year. The students planted a tree at the Roberts campus to celebrate

Arbor Day. The Doubletree Hotel sponsored the official "Forest Green Ribbon Tree-bute" in an effort to educate children to "help care for their community."

Stapleton's 2007 Farmers Market to Open on Fathers Day



Steve Ela and Amy Hutton sell produce from Ela Family Farms at last year's Farmers Market at Stapleton.

The first day of the 2007 Farmers Market at Stapleton will be held on Sunday, June 17, from 9am until 1pm at the 29th Ave. Town Center. Since it's Fathers Day, the first 200 dads will get a free hot dog from Biker Jim's Gourmet Dogs! This issue of the Front Porch profiles two of the merchants. See stories on page 13.

Summer Safety

"The day would have been better with a leash and a helmet"

By Kathy Epperson

Stapleton resident Rich Pfeifer has a cautionary tale for our readers and an urgent reminder that residents should obey leash laws and wear a bike helmet. He offered to share information about his accident in the hope that it will help prevent future incidents caused by off-leash dogs.

On the afternoon of April 22nd, Rich was out biking on the path near 29th and Beeler when he spotted a dog off leash. Initially seeing the dog running toward him, Rich slowed down and prepared to use his bike as defense. Upon getting closer, Rich could see the dog was focused on something in the distance and anticipated the dog would cross his path before he reached it. But the dog stopped suddenly, causing Rich to (continued on page 27)



Rich Pfeifer stands at the still-visible skid marks on the Westerly Creek path where he had his bike accident as a result of an unleashed dog.

Printed with soy-based ink. Paper contains 40% postconsumer waste.

Colorado Science + Technology Park at Fitzsimons

Partnership Developing Herb-Based Drug for Menopause Symptoms

By Mitzi Schindler

For thousands of years, Chinese medicines have been used successfully to treat a wide variety of ailments. Today, scientists at BioNovo, in Emeryville, Calif., and in Aurora, Colo., at the Colorado Science + Technology Park at Fitzsimons, are using Chinese herbs to develop drugs to improve women's health and fight cancer.

The company is currently in phase 2 clinical trials with MF101, a drug containing a combination of 22 herbs, designed to provide relief from menopausal symptoms such as hot flashes, night sweats and osteoporosis. These symptoms have been shown to seriously and adversely affect a woman's quality of life.

Before 2002, symptoms of menopause were generally treated with hormone therapy, usually in the form of estrogen or estrogen combined with progesterone. However, data from the Women's Health Initiative Estrogen Plus Progestin Trial that same year, found that hormone therapy activated the estrogen receptor alpha (ERa), increasing risk for heart attack, stroke, pulmonary embolism, deep venous thrombosis, dementia, and breast and uterine cancers.

In animal studies, MF101 did not activate the estrogen receptor alpha (ERa); instead targeting the estrogen receptor beta (ERb), which actually blocks the growth-promoting effects on cancer cells. In additional studies, MF101 is demonstrating potential as a promising alternative to hormone therapy, and has been found to be safe and well tolerated.

BioNovo is also developing drugs for the treatment of breast and pancreatic cancer. In all, the company has five drugs in development for cancer and menopause that are expected to be in clinical trials by the end of 2007.

Biotech companies like BioNovo are thriving at the Colorado Science + Technology Park at Fitzsimons, being developed by Forest City in partnership with the Fitzsimons Redevelopment Authority. Companies run the scientific gamut from one that is developing therapies for cardiovascular diseases, to another that has developed education software for professional, graduate, and undergraduate anatomy programs.

But in today's scientific world, BioNovo and other biotech companies are not working in isolated environments. Of the 19 companies at the Colorado Science + Technology Park at Fitzsimons' Bioscience Park Center, 14 have affilia-

tions with the University of Colorado at Denver and Health Sciences Center – right across Montview Blvd. at the Anschutz Medical Campus.

BioNovo has partnered with the Nutrition Center Mass Spectrometry Core Facility at the University of Colorado at Denver and Health Sciences Center (UCDHSC), and with Uwe Christians, MD, PhD, director of the facility and director of UCDHSC's Department of Anesthesiology Clinical Research and Development. In addition to his appointment as a professor in the UCDHSC School of Medicine's Department of Anesthesiology, Christians, as a consultant, serves as BioNovo's director of Pharmacology and Laboratory Services and manages the BioNovo facility at Fitzsimons. He specializes in the preclinical development, phase 1 clinical development and strategies to elucidate molecular mechanisms in how the drugs produce their desired effects.

"The way science is working has changed," said Christians. "It's all about collaborations to develop new ideas and strategies. Working in both academia and biotech allows me to have the best of both worlds: Academia's focus on science, creativity and publication, and biotech's focus on science, regulatory compliance and the use of tools that the university might not have access to."




Uwe Christians, MD, PhD, director of the BioNovo facility at Fitzsimons and director of UCDHSC's Department of Anesthesiology Clinical Research and Development, tastes some of the anise that is being analyzed in his lab.

These collaborations are providing a successful path from the scientist's laboratory bench to the patient's bedside – or in the case of MF101, the patients' 'good side.'

On the biotech side, BioNovo approaches drug discovery and development by first selecting a plant extract with a history of effectiveness and then analyzes the compound to identify its mechanism of action and pharmaceutical applicability. This is where Christians and the lab at the university step in.

Through the analytical powers of mass spectrometry, Christians is not only able to profile the composition of the herbs used in drug development, he is also able to simultaneously explain multiple critical properties of a compound. He identifies their mechanisms of action using a combination of biochemical and protein profiling – and he identifies the characteristic interactions of a drug

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Construction Starts on Green Roof Building



Infrastructure

(continued from page 12)

When people shop at the E. 29th Avenue Town Center, Quebec Square or Northfield, their sales tax dollars flow to DURA to pay debt service for the DURA Bonds. For example, a television set purchased at Circuit City at Northfield provides direct benefits to the Stapleton Regional Infrastructure program as compared to a purchase at another Circuit City location. However, beginning in 2006, the City and County of Denver's General Fund began to receive an increasing portion of the Tax Incremental Revenues in order to fund the growing demand at Stapleton for General Fund Services such as police and fire protection. The revenues used for that purpose are, therefore, not available for retiring bond debt.

In tract or Local Infrastructure

In tract infrastructure includes pocket parks, neighborhood pools, local streets and "wet utilities" that are not the responsibility of master developer Forest City. These improvements are the responsibility of the Park Creek Metropolitan District and are funded by loans to Park Creek Metropolitan District by Forest City and bonds issued by the District. Amounts are repaid from property taxes collected by the Westerly Creek Metropolitan District on all property at Stapleton, based on the assessed value of the District as established by the Denver County Assessor. The mill levy, which is established annually by the Westerly Creek Board, is currently 54.568 mills. Increases are limited under agreements with the City and bondholders. About 3% of the mill levy goes for maintenance and operating costs of the District. At completion of the development process and upon retirement of the bonds, 97% of the mill levy will no longer be necessary.

While the financing of Stapleton's infrastructure is a complex and challenging endeavor, it is essential if we are to realize the vision of the citizens of Denver who created the development plan for Stapleton.

Dick Anderson is the President and Chief Executive Officer of the Stapleton Development Corporation. He may be reached at randerson@sdcservices.com

Mayor John Hickenlooper (speaking), Mariner Kemper, CEO and Chairman, UMB Financial Corporation, Denver, and other city executives celebrated the second green roof building in Denver by planting the Colorado state tree at the construction site of the new UMB bank building at 3515 Quebec Street. Green buildings are designed to reduce the impact on the environment by conserving energy. In support of the Greenprint Denver initiative, UMB is donating more than 2000 Blue Spruce saplings at their banking centers throughout Denver.

More Summer Camps

Editors Note: Below is an additional camp that was suggested by our readers following our April and May summer camp listings.

Safari Adventures Fine Arts Camp

Activities vary by age and include themed painting, sculpture, crafts, music, games, Bible/missionary stories, and more!

Ages K through 4th grade

June 11th-15th from 8:30am - 12pm

Sponsored by NorthField Church at Bill Roberts Elementary School in Stapleton \$35 for the entire week (\$10 off for pre-registration) Call 720-985-6810 for information or pre-registration.

Important Crime Prevention Notice

"The Denver Police Department has reported that four vehicles were broken into this week at Stapleton's dog park. The cars were locked but valuables were removed after the thief broke the car window to enter the car and take valuables - mostly purses - under the front seat of the cars. Credit cards were removed and the thieves have attempted to use those cards at area stores. Police officials recommend that people using the dog park take their valuables with them."

Fitzsimons - Herb-Based Drug Research

(continued from page 6) with the body in terms of its absorption, distribution, metabolism and excretion. This enables him to generate a profile of the drug's positive effects on diseases, its potential risks and how the body will handle the drug.

"We need to find the mechanism of action," said Christians. "The modern diagnostic tools that we have access to will help to accelerate drug discovery and development." The isolation of active compounds from natural sources such as herbs and soils has been a successful strategy that has laid the foundation of modern pharmacotherapy. BioNovo combines this strategy with cutting-edge,

modern technology.

Christians remembers when his grandmother questioned him about being a doctor - saying he never really heals anyone since he is not working in clinical practice. He believes that by analyzing compounds that will become drugs, he can actually help thousands of patients every day.

Mitzi Schindler, a Stapleton resident, is the director of publications and internal communication for the University of Colorado at Denver and Health Sciences Center at the Anschutz Medical Campus. She can be reached at mitzi.schindler@uchsc.edu.

M.C.A. News

The Mission of the Stapleton MCA is to create and sustain a sense of "Community" at Stapleton through comprehensive community programs, events and managed facilities.



OFFICE UPDATE

Currently the new MCA office located at 2823 Roslyn St. is still under construction and our anticipated move in date is now the first week of July. We will start taking reservations for the Stapleton Community Room at that time. Please call Jenifer at 303-388-0724 for additional information.

POOLS UPDATE

Both of Stapleton's Community Pools opened Memorial Day weekend. Hours are as follows:

Aviator Pool	Puddle Jumper
M/W/F 12pm - 8pm	Sun - Fri
T/TH Noon - 7pm	10am - 7pm
Sat 11am - 6pm	Sat. 10am - 8pm
Sun 11am - 8pm	

All Stapleton Residents need to present a resident ID card to access pool facilities. New or replacement cards can be obtained at either pool or at the MCA office.

GROUNDS UPDATE

To report any irrigation or pedestrian lighting concerns on any Association Managed Facility or Park please call 303-388-0724 or email us at grounds@stapletoncommunity.com.

STAPLETON ONLINE

More portions of the StapletonOnline site are open for public access (no username or password required). Some portions designed specifically for intra-community communication will still require usernames and passwords. If you do not currently have a username and password, please email Jenifer at jgraham@stapletoncommunity.com.

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