



## GlaxoSmithKline: Fighting Disease by Investing in Prevention

With the advent of vaccines and other disease prevention interventions, we have come a long way in the prevention of many communicable diseases such as polio, diphtheria, and pertussis. However, significant problems and threats remain with respect to communicable diseases, in the developing and developed world. Also, in both the developed and developing world chronic diseases, including diabetes, heart disease, and many cancers, all leading killers are largely preventable. GlaxoSmithKline recognizes the value of and need for greater disease prevention. We demonstrate our commitment to preventing disease through our existing products, our research pipeline of products in development, and our commitment to promoting a healthy workforce and community.

### Communicable Diseases

According to the World Health Organization, four preventable diseases - malaria, respiratory infections including pneumonia, diarrhea, and measles cause almost half of all child deaths worldwide.

- GlaxoSmithKline currently offers vaccines covering 14 diseases, including measles, rotavirus (a leading cause of diarrhea in children), typhoid fever, tetanus, influenza, rubella, hepatitis A and B, and meningococcal meningitis.
- We currently have more than 15 vaccines in development, including ones for preventing pneumonia, malaria, and HIV.

Given the devastating toll of tuberculosis (infecting a third of the world's population), malaria (causing 1.5 to 2.7 million deaths a year), and HIV (infecting 39.4 million people including almost 1 million in the US), the World Health Organization has identified these diseases as its top three priority diseases in the developing world. GlaxoSmithKline is the only company with clinical programs in place to address the prevention and treatment of all three.

- GlaxoSmithKline has an oral anti-malarial agent and has a vaccine and an additional oral agent in development.
- A leader in HIV/AIDS research and development and products to treat HIV/AIDS and related diseases, GlaxoSmithKline also has an HIV vaccine in development.
- For tuberculosis, we have a robust pre-clinical program.

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## Fighting Disease by Investing in Prevention (continued from first page)

### Chronic Diseases

Chronic diseases - heart disease, stroke, cancer, diabetes - claim the lives of millions of Americans each year, and account for three out of every four dollars spent on healthcare in the US. Much of the human and economic costs are avoidable through preventative health efforts to stop tobacco use, encourage physical activity, promote healthy weight control, and promote better healthcare choices overall. GlaxoSmithKline is committed to these prevention efforts with our employees and the community at large.

#### Employee & Community Programs

GlaxoSmithKline is committed to promoting the health and well-being of our employees and their families. Our programs provide information and resources about pregnancy, fitness and health, stress management, and preventive health guidelines, among others.

- Each year, employees are encouraged and given incentives to complete a health evaluation and to identify health-related goals. For health goals identified, employees are provided resources to help them achieve those goals and take charge of their health.
- One new program, Step Up Your Health, provides employees with a free pedometer and tips on how to reach a goal of 10,000 steps a day during their daily activities.

For the community, GlaxoSmithKline sponsors several large health fairs across the US to encourage greater physical activity, smoking cessation, and healthier lifestyle choices as well as providing free health care screenings for several chronic diseases.

- During 2004, more than 200,000 people participated in communities across the US.
- Also, the North Carolina GlaxoSmithKline Foundation sponsors a Child Health Recognition Awards Program, which encourages the development of creative and successful approaches to improving the health status of children.

GlaxoSmithKline also has extensive research and development programs aimed at preventing and reducing the burden of chronic disease, including cancer, for example.

#### Cancer

The American Cancer Society estimates that at least half of all cancer deaths are preventable. The Society estimates that tobacco use alone will cause 168,140 cancer deaths in 2005. Poor nutrition, physical inactivity, weight, and other controllable lifestyle factors account for another third of all cancer deaths.

- GlaxoSmithKline is the largest provider of smoking cessation products in the US, including both over-the-counter and prescription products. We also have a medication in development to help people quit smoking. We continue to work on new indications and uses of these products to help more smokers and further reduce the enormous health toll of smoking.
- Cervical cancer strikes nearly half a million women worldwide each year, and half die. GlaxoSmithKline has a vaccine in clinical trials to prevent infection by the human papilloma virus, the primary cause of cervical cancer.
- Hepatitis, particularly hepatitis C, is responsible for about 85 percent of liver cancer cases in the US. GlaxoSmithKline has vaccines for hepatitis A and B, a vaccine in development for hepatitis E, and a preclinical program for hepatitis C.

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1 "Facts and Figures from the World Health Report 2005," World Health Organization (2005).

2 "Chronic Disease Overview," National Center for Chronic Disease Prevention & Health Promotion, Centers for Disease Control & Prevention (2004).

3 "Cancer Detection and Early Detection: Facts and Figures 2005," American Cancer Society.