

Life Sciences is one of Corning's oldest operating segments. Its origins stretch as far back as 1915, when the company developed a line of Pyrex® beakers, flasks and other glassware for use in scientific laboratories. The move was a natural outgrowth of the Pyrex® reputation for cleanliness and efficiency in the kitchen.

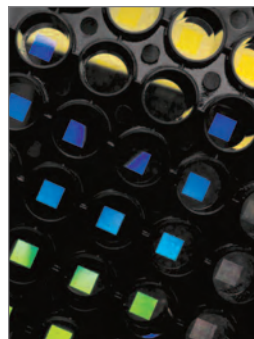
Over time, we built upon the brand recognition of our trusted labware and developed a significant line of products to enable drug discovery. And in recent years — with decades of knowledge, strong customer relationships, and a number of new discoveries to our credit — our Life Sciences operation has been regaining a strategic place in our technology portfolio.

At the heart of our strength in this arena is our unique ability to combine surface technologies, optical physics and biology. We draw on all these capabilities to provide our customers — ultimately, the scientists at some of the world's leading pharmaceutical companies, research institutions and universities — with the solutions they need for their research problems.

Our customers focus much of their research on cells and cell components related to specific diseases or conditions. The surfaces of our cell culture products are critical to creating the exacting environment they need for cell experimentation. Our patented line of products helps to preserve and carefully control that environment — for example, allowing biological material to bind to the experimentation surface if that's what the researcher requires. Having a stable, consistent cell environment can help researchers do their work with confidence, free of additional variables that might disrupt or alter the scientific process.

New waves of medical discovery lead to even more specialized and advanced forms of research. So new scientific tools are continually in demand. Our new-product development process is an ongoing affair, based on constant dialogue and mutual trust with our customers — many of whom have been with us for decades. Through this commitment to partnership, we are able to develop the equipment they need at the time they need it — giving them even more efficiency and reliability as they unravel the mysteries of medicine.

During 2004, Life Sciences accounted for about 8 percent of our revenues. But the brand awareness and trust we have built with our customers over the past century — along with our cutting-edge solutions to their most pressing needs — is setting the stage for much more growth in the future.



#### Biophotonics: Finding life-saving answers quickly

Perhaps more than any other Corning organization, the Life Sciences segment brings together a host of technologies that were originally developed in support of other businesses. By continually probing our full technology portfolio, we have added even more significant capabilities to our Life Sciences product line over the past two years.

Our innovations in materials, surfaces and optics — when applied to our knowledge of biology — are resulting in an emerging technology called biophotonics. This technology uses the science of generating and harvesting light to image, detect and manipulate biological materials. And it forms the basis of our Epic™ system, which we expect to be a true competitive differentiator for us in the growing biomolecular screening field.

Using this unique patented system, researchers take exacting measurements of light reflections to measure how drug compounds are interacting with disease cells. And, unlike other technologies, this use of biophotonics allows precise testing to take place very early in the drug screening process — with highly accurate results. The microplates that are core to the system allow great efficiency in the process — or, high-throughput screening. These are all essential factors in helping to bring down the cost of drug discovery and in making life-saving medicines available and affordable for consumers.