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Abbreviations Used:
AB = Abstract
CP = Clinical Practice
DD = Dialogue and Discussion
FO = Focus
LE = Letter to Editor
RR = Reports and Reviews
RS = Research
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WB = Washington Beat

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myocardial infarction and assessment of heart failure severity in patients diagnosed with congestive heart failure. The test is available for use on the ADVIA Centaur and ACS:180 Immunoassay Systems. Contact Linda Langendonk at (914) 366-1816.

CUTTING EDGE

Genstruct Inc, a knowledge-driven discovery company, presented findings from one of its independent discovery programs at IBC Life Sciences' 9th Annual Drug Discovery Technology World Congress held August 8–13 in Boston. Dexter Pratt, project leader for Genstruct's Oncology Program, outlined the program's findings describing both probable molecular causes and mechanisms involved in androgen-dependent prostate carcinoma. To define the molecular causes of prostate carcinoma, Genstruct has utilized its Molecular Epistemics™ discovery platform to build and interrogate an Oncology Knowledge Assembly™ model using computer-aided causal reasoning. The model includes the knowledge of cell cycle, cell signaling, vesicle trafficking, metabolism, and gene regulation. It is the largest and most complete computable model of prostate carcinoma ever assembled. Contact Karen Higgins at (610) 831-5723 or khiggins@aandecomm.com.

With more than $20 billion distributed to states and localities to help them upgrade their security efforts, and another $1 billion earmarked by the interagency Technical Support Working Group as seed funding for technology projects around the country, the homeland security effort has fostered a new wave of technological innovations. Many of these new technologies were the subject of discussion and on display at The McGraw-Hill Companies' Homeland Security Summit & Exposition in Washington DC. From biodetectors and biometrics to wearable computers and "what-if" scenario software, nearly 100 companies displayed their products and services. Information is available at PERLINK www.mcgraw-hill.com or contact Mary Skafidas at (212) 512-2826.

During the opening ceremony at the International Analytica Trade Fair in Munich, Germany, the German Society for Biochemistry and Molecular Biology awarded the "Molecular Bioanalytics" prize for 2004. This year, the prize went to American Dr Stephen PA Fodor, British Professor Sir Edwin Southern, and Russian Professor Andrei Mirzabekov (posthumously) for their fundamental contributions to the development of microarray technology (DNA chip). Individual DNA segments are affixed to a glass surface, thereby functioning as so-called probes. Each probe detects a specific gene sequence. The sequences bind to the probe by hybridization. Gene chips are a premier example of miniaturization and automation in bioanalytics and medicine.

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