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Color Cover of *Cell, Vol. 105, No. 2, April 20, 2001*. Archaeal SIR2-NAD Structure: This is a nice X26C product which is an example of what we make possible with our Biology beam lines at the BNL National Synchrotron Light Source.

Cover of *Environmental Science & Technology, Vol. 35(21), November 1, 2001*. The redroot pigweed plant (*Amaranthus retroflexus*), shown in artist Loel Barr's cover illustration, has until now been mainly known as a highly toxic, nuisance plant commonly found in pastures. Plant ingestion by cattle, swine, sheep and goats can cause breathing problems, trembling, weakness, abortions, coma, and ultimately death. The leaves, stems, and roots of the plant are all dangerous to these and other animals. Why then, you might ask, would anyone want to cultivate such a plant? In their assessment of phytoremediation's progress in the United States and Europe, researchers Daniel van der Lelie, Jean-Paul Schwitzguebel, David Glass, Jaco Vangronsveld, and Alan Baker provide an answer. The redroot pigweed plant is particularly useful for phytoremediating radionuclide-contaminated sites. In field trials it was successfully used to accumulate significant amounts of radioactive cesium (Cs-137) in its leaf and stem biomass. In a growing market on both sides of the Atlantic Ocean, this and other plants are increasingly being used to phytoremediate site contamination.

Special Issue of *Environmental and Molecular Mutagenesis* (Journal of the Environmental Mutagen Society), Vol. 38, No. 2/3, pp. 87-260 (2001) published "A Richard B. Setlow Festchrift" (volume of writings by different authors presented as a tribute to a scholar). This festchrift was dedicated to the "Father of DNA Repair," Richard B. Setlow, in the year of his 80th birthday. They include contributions from many of his former students and colleagues who welcome the opportunity to say "Thank you, Dick!" The website where the table of contents and abstracts for the issue are located is http://www3.interscience.wiley.com/cgi-bin/issuetoc?ID=86511335

Patent:

Anderson, C. W., Appella, E., and Sakaguchi, K., Inventors. Methods for generating phosphorylation site-specific immunological reagents. U.S. Patent No. 6,309,863 B1, October 30, 2001.

Electronic Publication:

The following electronic publication resulted from data deposited in the GenBank in collaboration with the Joint Genome Institute.

Accession Number AC005559: Lamerdin, J. E., McCready, P. M., Dunn, J., Skowronski, E., Adamson, A. W., Burkhart-Schultz, K., Gordon, L., Kyle, A., Ramirez, M., Stilwagen, S., Phan, H., Velasco, N., Do, L., Regala, W., Terry, A., Garnes, J., Danganan, L., Poundstone, P., Christensen, M., Georgescu, A., Brower, A., Avila, J., Liu, S., Attix, C., Andreise, T., Trankheim, M., Amico-Keller, G., Coefield, J., Duarte, S., Lucas, S., Bruce, R., Thomas, P., Quan, G., Kronmiller, B., Arellano, A., Montgomery, M., Ow, D., Nolan, M., McCorkle, S., Trong, S., Kobayashi, A., Olsen, A. S., and Carrano, A. V. Sequence analysis of a 3.5 Mb contig in human 19p13.3 containing a serine protease gene cluster. Gap from Homo sapiens chromosome 19, cosmid F18382. (January 4, 2001)