

Appendixes

Topics of OTA Contract Reports

The following reports were prepared by outside contractors for the Office of Technology Assessment for this assessment. They are available on microfiche or as hard copy from the National Technical Information Service (NTIS), 5285 Port Royal Road, Springfield, VA 22161; tel: (703) 487-4650.

• **Mapping Our Genes Contractor Reports, Vol. 1, Order No. PB 88-160 783/AS**

- Bibliometric Analysis of Work on Human Gene Mapping*, Samuel R. Reisher and Michael B. Albert, CHI Research/Computer Horizons, Inc.
- Medical Implications of Extensive Physical and Sequence Characterization of the Human Genome*, Theodore Friedmann, Center for Molecular Genetics, School of Medicine, University of California, San Diego
- Mapping the Human Genome: Some Ethical Implications*, Jonathan Glover, New College, Oxford University
- Mapping and Sequencing the Human Genome: Considerations From the History of Particle Accelerators*, John L. Heilbron, University of California, Berkeley, and Daniel J. Kevles, California Institute of Technology
- Mapping the Human Genome: Historical Background*, Horace Freeland Judson, The Johns Hopkins University
- Long-Term Implications of Mapping and Sequencing the Human Genome: Ethical and Philosophical Implications*, Mark A. Lappe, College of Medicine, University of Illinois at Chicago

• **Mapping Our Genes Contractor Reports, Vol. 2, Order No, PB 88-162 805/AS**

- The Mapping and Sequencing of Genomes: A Comparative Analysis of Methods, Benefits and Dis-*

benefits, Stephen M. Mount, Department of Biological Sciences, Columbia University

- Mapping the Human Genome: Experimental Approaches for Cloning and Ordering DNA Fragments*, Richard M. Myers, Department of Physiology, University of California, San Francisco
- Mapping and Sequencing the Human Genome in Europe*, Peter A. Newmark, *Nature*
- Application of Human Genome Mapping for the Global Control of Genetic Disease*, Sir David J. Weatherall, Nuffield Department of Clinical Medicine, John Radcliffe Hospital, Oxford University
- In Search of the "Ultimate Map" of the Human Genome: The Japanese Efforts*, Akihiro Yoshikawa, Berkeley Roundtable on the International Economy, University of California

OTA also sponsored two workshops during this assessment, and the transcripts of those workshops have been submitted to NTIS as:

- **Mapping Our Genes, Transcript of Workshop 'Issues of Collaboration for Human Genome Projects,' June 26, 1987, Order No. PB 88-162 797/AS; and**

- **Mapping Our Genes, Transcript of Workshop "Costs of Human Genome Projects," Aug. 7, 1987, Order No. PB 88-162 813/AS.**

The following report was written for OTA but was not sent to NTIS because it will be available to the public through a law journal article:

- "Sharing of Research Results in a Federally Sponsored Gene Mapping Project," Susan Rosenfeld, Science and the Law Committee, Association of the Bar of the City of New York, August 1987; to be published by the *Rutgers Computer and Technology Law Journal*, vol. 14, No. 2, 1988.