

of action of chemotherapeutic agents can well be studied *in vitro* due to direct cell toxicity, the evaluation of cytokines requires the complex machinery of host responses—a fact that underlines the central role of *in vivo* studies in this setting. This seems to be even more important with respect to the paracrine mode of action of cytokines like IL-2 or granulocyte-macrophage colony-stimulating factor in induction of tumour antigen-specific T-cell responses being worked out in models of tumour vaccination with cytokine gene transfected tumour cells.

1. Hryniuk WM, Figuerdo A, Goodyear M. Applications of dose-intensity to problems in chemotherapy of breast and colorectal cancer. *Semin Oncol* 1987, 14, 3–11.
2. Gulati S, Yahalom J, Acaba L. Treatment of patients with relapsed and resistant non-Hodgkin's lymphoma using total body irradiation, etoposide and cyclophosphamide and autologous bone marrow transplantation. *J Clin Oncol* 1992, 10, 936–941.
3. Brandt SJ, Peters WP, Atwater SK, *et al.* Effect of recombinant human granulocyte-macrophage colony-stimulating factor on hematopoietic reconstitution after high-dose chemotherapy and autologous bone marrow transplantation. *N Engl J Med* 1988, 318, 869–876.
4. Urba WJ, Maluish AE, Longo DL. Strategies for immunological monitoring. *Cancer Chemother Biol Res Mod Ann* 1987, 9, 484.
5. Creekmore SP, Urba WJ, Longo DL. Principles of clinical evaluation of biologic agents. In DeVita VT Jr, Hellman S, Rosenberg SA, eds. *Principles of Clinical Evaluation of Biologic Agents*. Philadelphia, JB Lippincott, 1991, 67–86.
6. Rosenberg SA, Lotze MT, Yang JC, *et al.* Combination therapy with interleukin-2 and alpha-interferon for the treatment of patients with advanced cancer. *J Clin Oncol* 1989, 7, 1863–1874.
7. Negrier S, Philip T, Stoter G, *et al.* Interleukin-2 with or without LAK cells in metastatic renal cell carcinoma: a report of a European multicentre study. *Eur J Cancer Clin Oncol* 1989, 25, suppl. 3, s21–s28.
8. Lindemann A, Brossart P, Hoffken K, *et al.* Immunomodulatory effects of ultra-low-dose interleukin-2 in cancer patients: a phase Ib study. *Cancer Immunol Immunother* 1993, 37, 307–315.
9. Golomb HM, Fefer A, Golde DW, *et al.* Report of a multi-institutional study of 193 patients with hairy cell leukemia treated with interferon alpha 2b. *Semin Oncol* 1988, 15, 7–9.
10. North RJ, Dye ES, Mills CD, Chandler JP. Modulation of anti-tumor immunity—immunological approaches. *Springer Semin Immunopathol* 1982, 5, 193–220.

**Acknowledgement**—The European School of Oncology gratefully acknowledges an educational grant from Chugai-Rhone-Poulenc which made the meeting possible.

## News

### International Microscopy and Image Analysis Conference

The Royal Microscopical Society is organising a conference which will include tutorials, reviews and technical lectures, and posters from experts in the field of instrumentation, analytical methodology in life sciences, cytometry, cytochemistry, cytology and image analysis. An exhibition of the latest microscopes, instrumentation and technology will run concurrently. MICRO 94 will be held on 12–15 September 1994 at the Earls Court Park Inn, Lillie Road, London, U.K. Further details are available from the Royal Microscopical Society, 37/38 St Clements, Oxford OX4 1AJ, U.K. Tel: 0865 248768; Fax: 0865 791237.

### Clinical Hyperthermia

The 17th International Symposium on Clinical Hyperthermia will be held in Pavia, Italy between 1–5 May 1994. For further information, please contact either: Secretariat Clinica Citta Di Pavia, Via Parco Vecchio 27, 27100 Pavia, Italy. Tel. 382 463201; Fax 382 576821 or Dr Homayoon Shidnia, Indiana University Medical Centre, 535 Barnhill Drive, Indianapolis, Indiana 46202-5289, U.S.A. Tel. 317 274-8809; Fax 317 274 2486.

### Hellenic Biomedical Diaspora

The Third World Conference of the Hellenic Biomedical Diaspora, organised by the Hellenic Medical Society of Great Britain, the Athens Medical Society and the Association Medicale Hel-

lenique de Belgique, will be held in Athens, Greece, between 21–23 October 1994. For further information, please contact: Conference Secretariat, 84 Hippocratous Street, 10680 Athens, Greece. Tel. and Fax 30 1 3626972.

### British Oncological Association

The Ninth Annual Meeting of the British Oncological Association will be held at the University of Surrey, Guildford, U.K., between 10–12 July 1994. For further details, please contact the Meetings Secretariat, BOA 1994, Congress House, 55 New Cavendish Street, London W1M 7RE, U.K. Tel. 071 486 0531; Fax 071-935 7559.

### Bone Marrow Transplantation

Sutter Cancer Center presents the 1994 International Symposium on Bone Marrow Transplantation on 17–19 September 1994 at the Fairmont Hotel in San Francisco, California, U.S.A. Designed for physicians and nurses, the program will include topics such as autologous transplantation, allogeneic transplantation, matched unrelated transplantation, peripheral blood stem cells, and the economics of bone marrow transplantation. For more information, contact Sutter Community Hospitals CME Department at 1-800-777-0231.