

*This report contains the collective views of an international group of experts and does not necessarily represent the decisions or the stated policy of the World Health Organization.*

**WORLD HEALTH ORGANIZATION  
TECHNICAL REPORT SERIES**

No. 232

# **CHEMOTHERAPY OF CANCER**

## **First Report of an Expert Committee**

	Page
1. Introduction . . . . .	3
2. Some general principles of cancer chemotherapy . . . . .	4
3. The chemotherapeutic agents . . . . .	6
4. Towards greater selectivity . . . . .	12
5. Biological testing and standardization . . . . .	15
6. Effectiveness of chemotherapy alone and in the combined treatment of neoplastic disease . . . . .	19
7. Clinical trials of new drugs and the assessment of results . . . . .	28
8. Promotion of the use and further development of chemotherapy in the treatment of neoplastic disease . . . . .	33
References and bibliography . . . . .	37
Annex 1. Structural formulae and some synonyms of certain anticancer drugs . . . . .	43
Annex 2. Screening procedures . . . . .	49

WORLD HEALTH ORGANIZATION

GENEVA

1962