Br. J. Cancer (1973) 27, 406

THE EMERGENCE OF DRUG RESISTANCE IN TUMOURS: <u>A CHARACTERISTIC WHICH MAY BE EXPLOITED</u>

THERAPEUTICALLY

M. H. N. TATTERSALL

From the Department of Haematology and M.R.C. Leukaemia Unit, Royal Postgraduate Medical School, Du Cane Road, London W12

Received 3 January 1973. Accepted 31 January 1973

UNTIL now, attempts to identify in pounds which were activated by this

tumour cells a selective biochemical differ- enzyme. The homofolates are activated ence which might be susceptible to in this way but their use in this context

selective chemical attack have not been has been frustrated by their chemical

	drug which is activated by deaminatio is, in general, a non-toxic agent (Koechli	on who have been treated with cytosing in arabinoside. It is planned to tread	e t
. / <u> </u>			
_	17		
			ł
. P			
[
<u>f</u>			
			1
ļ			
L			
-			i
	······································		
[7			
_			

ן : י

1 1

¥. ---

407

<u> </u>	408M. H. N. TATTERSALL					
		marshly damaged by	REFERENCES			
		1 ja				
-1						
,						
1						
· · · · · · · · · · · · · · · · · · ·	the folate depletion	a. Experience has in- BI	uce, W. R., Meeker, B. E. & Vai	LERIOTE, F. A.		
۰	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
<u> </u>						
))	<u>_</u>			1		
	3					
۶	t					
	_					
(-					
		<i>v</i>				
и И						
- <u>-</u>						
, <u>e</u>						
_						
·						

ŝ