



Cover caption: Carcinoid tumour. Coloured transmission electron micrograph of a cancer cell from a carcinoid (neuroendocrine) tumour of the human gut. The large oval is the cell nucleus. The red patch inside it is the nucleolus, often prominent in cancer cells. The small red granules in the cytoplasm are packed with the hormone serotonin. Carcinoid tumours are the most common tumours of the small intestine. They arise from sparse hormone-secreting cells the gut wall and can spread cancer around the body with fatal results. High levels of serotonin, the hormone made by the cells, causes symptoms like flushing, wheezing & diarrhoea. Magnification x3000 at 6x4.5cm size. Cover credit: SCIENCE PHOTO LIBRARY.

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Editorial Office

Gut

BMJ Journals

BMA House, Tavistock Square

London, WC1H 9JR, UK

T: +44 (0)20 7383 6394

F: +44 (0)20 7383 6668

E: guteditorial@bmjgroup.com

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