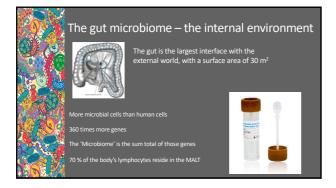


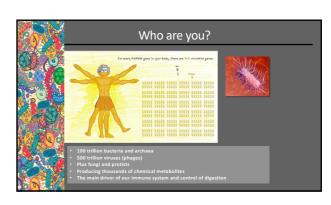
Lecture objectives

- Give you a new perspective on who you are, and who your patients are!
- Consider how a "new organ" the gut microbiome might relate to
 - the development of frailty
 - acute presentations in the elderly
- Introduce a potential role of oral and urinary microbes in geriatric syndromes
- Consider the impact of your prescriptions in light of current understanding.

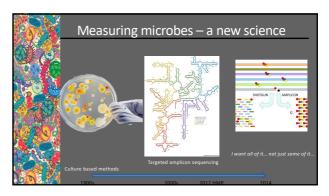
Mr George M-B.

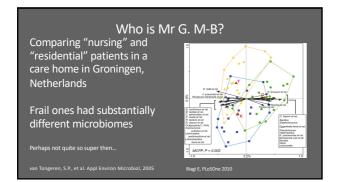
- 88 year old man
- Presented with a fall to AE
- Weight loss and "change in bowel habit"
- Mild mixed anaemia and chronically raised inflammatory markers
- CT enema fat stranding in colonic mesentery ? Inflammation
- Colonoscopy negative but faecal calprotectin up.
- Lands on elderly care ward, frail, reduced mobility, overflow constipation, intermittent delirium

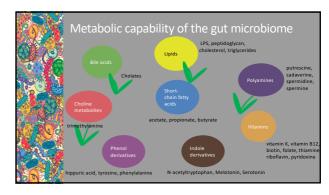




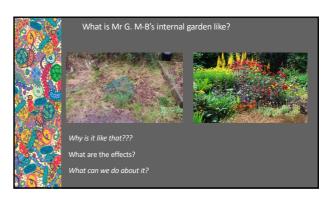




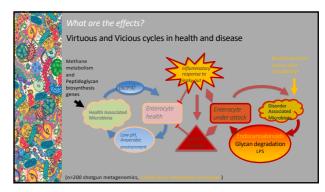




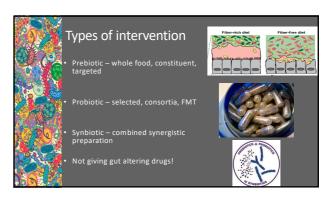




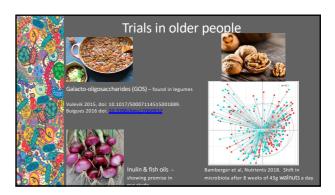


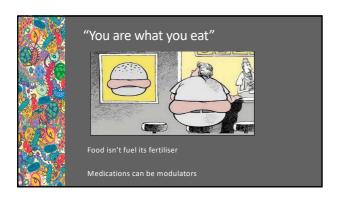












Mrs Ursula M-B

- 80 year old ladySeen in A&E with new onset confusion and incontinence
- "Off legs"
- Urinary dipstick shows + leucocytes + nitrites +protein
- Admitted and treated for UTI by medical team
- MSU comes back with mixed growth, no significant wcc

