



Claim...

"Good nutrition leads to healthier and happier teens and young adults."



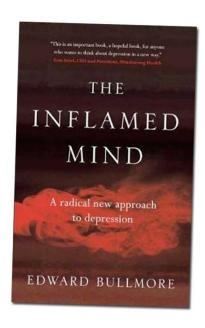
Why do our teens need a healthy diet?

- Healthy weight & growth
- Happy hormones
- Gut health
- Inflammation
 - Metabolism
 - Immunity
 - Mental health
 - Behaviour & learning
 - Skin Health link with acne



What is Inflammation?

 Inflammation is the body's immune system responding to adversity.





www.naturedoc.shop/product/inflamed-mind-edward-bullmore youtu.be/fLeHsJ_ui5A doi:10.1001/jamapsychiatry.2014.1332

What does inflammation do?

- Inflammation is probably the root cause of many modern diseases, such as diabetes, heart disease and chronic pain.
- Research at Bristol University found that inflammation aged 9 was a predictor for depression and psychosis aged 18.
- Research from Cambridge University also links inflammation with mental health and depression.



What causes inflammation?

Pro-inflammatory

- Trauma
- Infections
- Toxins
- Stress

And

- Fake foods
- Ultra-processed foods
- Dehydration





How fake ingredients affect your kids

- MSG and the glutamate story
 - Link to depression
 - Link to risky behaviours
- Fake sugars
 - Link to diabetes
 - Link to weight gain



Glutamate & depression doi:10.1007/7854_2016_40 Fake sugar & diabetes tonykirby.com/diabetes/abstractsweeteners.pdf Fake sugar & weight gain doi:10.1016/j.appet.2014.08.003

Ultra-processed foods

What they are

- Industrially processed foods that would be almost impossible to recreate in your kitchen
- e.g. cereals, noodle pots, cakes, biscuits, fizzy sweet drinks, crisps, nuggets and chewing gum

What they do

- Trigger inflammation
- Generally raised glycaemic response

How to recognise them

 Ingredients include modified starches, maltodextrin, fructoseglucose syrup etc.



What reduces inflammation

Anti-inflammatory

- Exercise/movement
- Yoga/meditation
- Sleep
- Mediterranean diet
- Healthy microbiome
- Omega 3



Inflammation & Exercise doi: 10.1038/nri3041 Inflammation & Yoga doi:10.4103/jehp.jehp_65_17 Inflammation & Sleep doi:10.1016/j.biopsych.2015.05.014

When to start reducing inflammation

- Now!
- A young person's brain is still developing up until their mid-twenties, so feed them some of the Good Stuff right away!



Facts about your microbiome

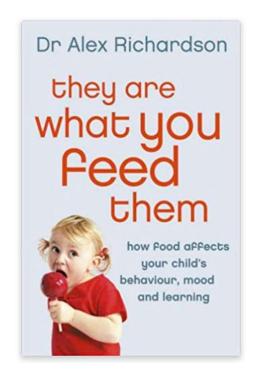
- The importance of a healthy microbiome.
- The gut-brain connection
 - our second brain!
- What makes a healthy microbiome? (hint: fruit & veg)





Fab facts about Omega 3

- O-mazing Omega-3
- Pioneering research from Oxford
- How can you tell if they are deficient?





Practical implications



What is a healthy diet?

- Eat more wholefoods
- Especially more fruit & veg
- Eat a greater variety
- Limit your sugar
- Balance between carbs, fats & protein
- Cook from scratch



Winning with fruit & veggies

- Stock your fridge with the Good Stuff
- Leave a bowl of healthy food on the table
- 5-a-day minimum
- As much variety as possible





Source: NHS



How To Build Healthy Microbiome

- Fresh Air
- Variety of plant-based foods
- Fibre
- Fermented Foods: Yoghurt, Kefir, Apple Cider Vinegar, Miso
- Ditch the fake foods



What if they won't eat fish?

- Organic whole milk
- Chia seeds
- Flax seeds
- Walnuts
- Eggs (some)



Put it into action

- Get buy-in from everyone in the household
- Teens are hard to motivate, but not impossible
- Don't try to do too much, too quickly
- Keep going
- Lead by example
- ENJOY!!







Thank You!!

Lucinda Miller MGNI MRNI MH

Lucinda founded NatureDoc. With her team of brilliant naturopaths and nutritional therapists, they take a scientific and holistic approach to identifying health problems, using laboratory testing and gentle, natural interventions to provide health solutions.

She is a also a fully qualified NLP coach and mentor for kids with ADHD and Autism and a mother of three children, aged from 10 to 17.





