

Vaccine content issues

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Antigen ——— Adjuvant ——— Excipients ——— Contaminants

Antigen

- Incorrect simulation of immunity: TH2/antibody/humeral vs TH1/cellular + TH2
- Vaccine effectiveness
- Herd/community immunity
- Societal Immunological issues:
 - Opportunity costs
 - Vaxxed vs unvaxxed

Adjuvant — primarily Aluminum salts + macrophages

- Immunological damage
- Neurological
- Auto-immunity

Excipients — see table (http://dickatlee.com/vaccines/vaccines_by_excipient.html)

- Virus attenuators — e.g., formaldehyde
- Emulsifiers/surfactants — e.g., polysorbate-80
- Preservatives — primarily thimerosal (ethyl mercury)
- Human DNA fragments

Contaminants

- Metals
- and more