

Open Letter to Sir Simon Stevens Director of NHS England

Dear Sir Simon Stevens

**You were appointed Director of NHS England in 2014, but why did you hide the fact that you spent 8 years as US President of giant healthcare corporation? The Department of Health and Social Care sold UK data to the US.<sup>1</sup> Was that in preparation for Donald Trump acquiring the NHS in future?**

In 2014, the *Guardian* Social Affairs Editor Robert Booth revealed something that wasn't on your CV. You were President of the global health division of UnitedHealth Group, a giant US private healthcare company for 5 years and CEO for 3 years.<sup>2</sup> You had been No 10 adviser on health care to Tony Blair from 2001-2004. After that you became President United Health Europe 2004-2006, founded to provide technology, care management and informatics support to Europe's public health systems. In December 2019, US drugs giants, including Merck (referred to outside the US and Canada as MSD, Merck Sharp and Dohme), Bristol-Myers Squibb and Eli Lilly, paid the Department of Health and Social Care, which holds data derived from GPs' surgeries, for licences costing up to £330,000 each in return for anonymised data to be used for research.

Sir Patrick Vallance, the Chief Scientific Advisor appointed by the British Government in March 2018 worked for GlaxoSmithKline for 12 years. When he had been a doctor he had specialised in vascular physiology, not public health. His advice was to let herd immunity kick in. He insinuated the price of deaths in the vulnerable would be acceptable. Boris Johnson added 'People will die' and **he nearly did.** Katharine Viner Editor-in-Chief of the *Guardian* had been paid by the Bill and Melinda Gates and the Rockefeller Foundations to promote vaccines and not to mention the weedkiller in our food.

Prof Stephen Powis is the Medical Director of NHS England. But he is also Director of Healthcare Services Laboratories LLP, a large private company which provides laboratory services to **The Doctors Laboratory, Royal Free London NHS Foundation Trust (the Royal Free London and University College London Hospitals NHS Foundation Trust (UCLH))?**

Jonathan Van-Tam, Deputy Chief Medical Officer, graduated in Medicine from the University of Nottingham in 1987 and after gaining clinical experience, underwent formal training in academic public health medicine in the UK. He became a Senior Lecturer at the University of Nottingham in 1997, before joining the pharmaceutical industry as an Associate Director at SmithKline Beecham, then Head of Medical Affairs at Roche, and finally UK Medical Director at Aventis Pasteur MSD. He moved to the UK Health Protection Agency in 2004, where he was Head of the Pandemic Influenza Office, and returned to Nottingham in late 2007 as Professor of Health Protection, maintaining throughout his special interest in influenza: epidemiology; transmission; vaccinology; and pandemic preparedness which now spans over 22 years.

**In 2018, samples of four oat-based UK cereals were sent to a Health Research Institute in the US** Dr Fagan the Director said: "These results are consistently concerning. The levels consumed in a single daily helping of any one of these cereals, even the one with the lowest level of contamination, is sufficient to put the person's glyphosate levels above the levels that cause fatty liver disease in rats (and likely in people).

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<sup>1</sup> <https://www.theguardian.com/politics/2019/dec/07/nhs-medical-data-sales-american-pharma-lack-transparency>

<sup>2</sup> <https://www.theguardian.com/society/2014/oct/23/simon-stevens-nhs-chief-private-past-uk>

Type of breakfast cereal marketed for children Product description	Glyphosate level ng/g	AMPA ng/g	Effective glyphosate level ng/g
Kelloggs No added sugar granola with Apricot & pumpkin seeds	499.90	ND	499.90
Quaker/Oat So simple/Original Microwaveable Oats	464.23	24.04	500.28
Weetibix Oatibix 100% wholegrain oats	318.85	16.96	344.28
Nestle Multigrain Cheerios Whole Grain Oat Flour 29.6% Whole Grain Wheat 29.6% Whole Grain Barley Flour 17.9% Whole Grain Corn Flour 2.1% Whole Grain Rice Flour 2.1%.	137.29	ND	137.29

A letter reporting these levels in UK children's cereals was rejected by the Letters' Editor of the *Guardian*, but the Health Editor in the *Daily Mail* wrote a long article about it.<sup>3</sup> The *Guardian* is supported by the Bill and Melinda Gates Foundation and the Rockefeller Foundation.

#### **Multiomics reveal non-alcoholic fatty liver disease in rats following chronic exposure to an ultra-low dose of Roundup herbicide.**<sup>4</sup>

Overall, metabolome and proteome disturbances showed a substantial overlap with biomarkers of non-alcoholic fatty liver disease and its progression to steatohepatitis and thus confirm liver functional dysfunction resulting from chronic ultra-low dose Glyphosate-Based Herbicide (GBH) exposure. The study is the first ever to show a causative link between consumption of Roundup at a real-world environmentally relevant dose and a serious disease. NAFLD currently affects **25% of the US population** and **similar numbers of Europeans**. Risk factors include being overweight or obese, having diabetes, or having high cholesterol or high triglycerides (a constituent of body fat) in the blood. However, some people develop Non-Alcoholic Fatty Liver Disease (NAFLD) even if they do not have any of these known risk factors. Liver cancer has gone from number 30 to number 24 to number 19 in the causes of deaths in the Global Burden of Disease Study 2017.

#### **1980–2017: a systematic analysis for the Global Burden of Disease Study 2017 Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017<sup>5</sup>**

**Funding Bill & Melinda Gates Foundation.**

The deaths over these three periods from Communicable, Maternal, Neonatal and Nutritional diseases (CMNN) comprises 18.6% (and have decreased by 22.2 %) and the Non-Communicable Diseases (NCDs) have increased to 73.4%.

#### **Statistically significant increases between 2007 and 2017 in cancers and many other diseases**

I cannot find any discussion (or for that matter, what has caused them) about the statistically significant increases in deaths between 2007 and 2017 in cancers of the lip and oropharynx, oesophagus, stomach, colon and rectum, liver, gall-bladder and bile duct, pancreas, larynx, tracheobronchial and lung cancer, skin (malignant melanoma and squamous cell), breast, cervix, uterus, ovary, prostate, testicular, kidney, bladder, thyroid, mesothelioma, Non-Hodgkin's Lymphoma, all leukaemias, myelodysplasias, Alzheimer's Disease, Parkinson's disease, Multiple Sclerosis, Motor Neurone Disease, Stroke, eating disorders, Diabetes Mellitus Type 1 and Type 2, Chronic Kidney Disease, Congenital Malformations, Self-harming and Obesity.

<sup>3</sup> <https://www.dailymail.co.uk/health/article-6315209/Revealed-UK-cereals-contain-potentially-harmful-amounts-WEEDKILLER.html>

<sup>4</sup> <http://www.nature.com/articles/srep39328>

<sup>5</sup> <https://www.thelancet.com/action/showPdf?pii=S0140-6736%2818%2932203-7>

## Diseases of obesity

*“Our results show that a large number of deaths are known to be caused by high body-mass index, including cardiovascular diseases, neoplasms, dementia, asthma, hepato-biliary diseases, as well as diabetes and kidney diseases. The prevalence of obesity continues to rise in almost every country in the world, with more than 1 million deaths estimated as being due to type 2 diabetes, half a million deaths due to diabetes-related chronic kidney disease, and 180000 deaths due to NASH-related liver cancer and cirrhosis in this analysis. Non-Alcoholic Steato-Hepatitis (NASH) in the US (or NAFLD in Europe), is most often due to chronic insulin resistance secondary to obesity and might be present among 10–35% of the global adult population.”*

Leading causes of death: 1990	Leading causes of death: 2007	Leading causes of death: 2017
1 Neonatal disorders	1 Neonatal disorders	1 Ischaemic heart disease
2 Lower respiratory infections	2 Lower respiratory infections	2 Neonatal disorders
3 Diarrhoeal diseases	3 Ischaemic heart disease	3 Stroke
4 Ischaemic heart disease	4 Diarrhoeal diseases	4 Lower respiratory infections
5 Stroke	5 HIV/AIDS	5 Diarrhoeal diseases
6 Congenital anomalies	6 Stroke	6 Road injuries

Diabetes has moved steadily up from number 28 in 1990 to 17 in 2007 to 15 in 2017

Alzheimer’s Disease has moved steadily up from number 33 in 1990 to 23 in 2007 to 17 in 2017

Liver cancer has moved steadily up from number 30 in 1990 to 24 in 2007 to 19 in 2017

Ischaemic heart disease has moved steadily up from number 4 in 1990 to 3 in 2007 to 1 in 2017

Lung cancer (often in non-smokers) has moved steadily up from number 17 in 1990 to 14 in 2007 to 12 in 2017.

*Global Burden of Diseases 1990 - 2017*

*Figure 7 Leading Causes of Death 1990, 2007 and 2017 Progression shown of significant diseases Page 1767*

## Declarations of Interest

Ettore Beghi reports personal fees from MA-Provider and grants from the Italian Ministry of Health, UCB-PHARMA, American ALS Association, EISAI, and Shire. Yannick Bejot reports grants and personal fees from AstraZeneca and Boehringer Ingelheim and personal fees from Daiichi-Sankyo, Bristol-Myers Squibb (BMS), Pfizer, Medtronic, Bayer, Novex pharma, and Merck Sharpe & Dohme (MSD). Adam Berman reports personal fees from Philips. Boris Bikbov has received funding from the European Union’s Horizon 2020 research and innovation programme under Marie Skłodowska-Curie grant agreement No. 703226. Boris Bikbov acknowledges that work related to this paper has been done on the behalf of the GBD Genitourinary Disease Expert Group.

Louisa Degenhardt reports grants from Indivior, Mundipharma, and Seqirus. Panniyammakal Jeemon reports a Clinical and Public Health Intermediate Fellowship from the Wellcome Trust–DBT India Alliance (2015–20). Jacek Józwiak reports a grant from Valeant, personal fees from Valeant, ALAB Laboratoria and Amgen, and non-financial support from Microlife and Servier. Nicholas Kassebaum reports personal fees and other support from Vifor Pharmaceuticals. Srinivasa Vittal Katikireddi reports grants from NHS Research Scotland, the Medical Research Council, and the Scottish Government Chief Scientist Office. Jeffrey Lazarus reports personal fees from Janssen and CEPHEID and grants and personal fees from AbbVie, Gilead Sciences, and MSD. Stefan Lorkowski reports personal fees from Amgen, Berlin-Chemie, MSD, Novo Nordisk, Sanofi-Aventis, Synlab, Unilever, and non-financial support from Preventicus. Winfried März reports grants and personal fees from Siemens Diagnostics, Aegerion Pharmaceuticals, Amgen, AstraZeneca, Danone Research, Pfizer, BASF, Numares, and Berline- Chemie; personal fees from Hoffmann LaRoche, MSD, Sanofi, and Synageva; grants from Abbott Diagnostics; and other support from Synlab. Walter Mendoza is currently a Program Analyst for Population and Development at the Peru Country Office of the United Nations Population Fund. Ted Miller reports an evaluation contract from AB InBev Foundation. Frédéric Piel reports personal fees from Novartis. Postma Maarten reports grants from

Mundipharma, Bayer, BMS, AstraZeneca, ARTEG, and AscA; grants and personal fees from Sigma Tau, MSD, GlaxoSmithKline, Pfizer, Boehringer-Ingelheim, Novavax, Ingress Health, AbbVie, and Sanofi; personal fees from Quintiles, Astellas, Mapi, OptumInsight, Novartis, Swedish Orphan, Innoval, Jansen, Intercept, and Pharmerit, and stock ownership in Ingress Health and Pharmacoconomics Advice Groningen. Kazem Rahimi reports grants from the National Institute for Health Research Biomedical Research Centre, Economic and Social Research Council, and Oxford Martin School. Mark Shrimme reports grants from Mercy Ships and Damon Runyon Cancer Research Foundation. Jasvinder Singh reports consulting for Horizon, Fidia, UBM, Medscape, WebMD, the National Institutes of Health, and the American College of Rheumatology; they serve as the principal investigator for an investigator-initiated study funded by Horizon pharmaceuticals through a grant to DINORA, a 501c3 entity; they are on the steering committee of OMERACT, an international organization that develops measures for clinical trials and receives arms-length funding from 36 pharmaceutical companies. Jeffrey Stanaway reports a grant from Merck & Co. Cassandra Szoek reports a grant from the National Medical Health Research Council, Lundbeck, Alzheimer's Association, and the Royal Australasian College of Practitioners; she holds patent PCT/AU2008/001556. Amanda Thrift reports grants from National Health and Medical Research Council, Australia. [Muthiah Vaduganathan receives research support from the NIH/National Heart, Lung, and Blood Institute and serves as a consultant for Bayer and Baxter Healthcare.](#) Marcel Yotebieng reports grants from the US National Institutes of Health. All other authors declare no competing interests. [Comment:](#) *I could only find the email addresses of a small number of these so called 'experts' who had received funding from key corporations.*

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### **Undeclared conflicts of interest**

A detailed study of The Global Burden of Disease 1990-2017 has revealed many conflicts of interest. Bayer and the Bill and Melinda Gates Foundation appear to have influenced the presentation of the document. Bayer has managed to conceal the unfortunate purchase of Monsanto. Roundup caused many cancers, not only Non-Hodgkin's Lymphoma, the dozens of other cancers and other diseases that have increased significantly since 2007. Glyphosate is ubiquitous: it is not only a major contaminant in food, but it's also been found in soil, rivers, lakes, streams and groundwater, and in blood, urine and breast milk. It's in rain and in the air and in lung tissue.

### **Bayer reneged on negotiated settlements 'because of the coronavirus'**

Just before lockdown, two men on quadbikes pulling trailers with tanks of Roundup sprayed weedkiller over the small weeds on the edge of the Marina and within a metre of our balcony. They sprayed passers-by as they went. Within a few days, the weeds became yellow and died. We have seen only 2 bumblebees since then. Bayer has decided it will continue to make money by spraying its poisoned cordon around cities during lockdown, so it has reneged on negotiated settlements with law firms. It will also make money from farmers using Roundup as a weedkiller before they plant crops in 2020 and later use preharvest Roundup as a desiccant.

*"Bayer AG is reneging on negotiated settlements with several U.S. law firms representing thousands of plaintiffs who claim exposure to Monsanto's Roundup herbicides caused them to develop non-Hodgkin lymphoma, sources involved in the litigation said on Friday."*<sup>6</sup>

<sup>6</sup> <https://usrtk.org/monsanto-roundup-trial-tacker/bayer-said-to-be-reneging-on-roundup-settlement-deals-as-virus-closes-courthouses/>

*The reversal comes as U.S. courts are closed to the public because of the spreading coronavirus, eliminating the spectre of another Roundup cancer trial in the near future. Bayer, which bought Monsanto in June of 2018, has been engaged in settlement talks for close to a year, seeking to put an end to mass litigation that has driven down the company's stock, spurred investor unrest, and thrust questionable corporate conduct into a public spotlight. The first three trials led to three losses for Bayer and jury awards of more than \$2 billion, though trial judges later reduced the awards. Bayer made [a public statement](#) this week saying that settlement talks have been slowed by the coronavirus pandemic, but multiple plaintiffs' lawyers said that was not true. According to the plaintiffs' attorneys, Bayer has been going back to law firms that had already completed negotiations for specified settlements for their clients, saying the company 'will not honor' the agreed-upon amounts."*

### **Public Health England's 'blog' on the Global Burden of Disease study for the UK 2017**

"The GBD study has recently published its [latest data](#), which is composed of five peer-reviewed papers, and for the UK we learned that:<sup>7</sup>

- A UK man born in 2016 can expect to live 79 years, an increase in life expectancy of 1.8 years over the past decade. A woman has a life expectancy of 82.9 years, up 1.4 years from 2006.
- But illness and injuries take away years of healthy life. A British male born in 2016 will live approximately 69.1 years in good health; a female only 71 years.
- The top five causes of premature death in the UK are ischemic heart disease, lung cancer, stroke, chronic obstructive pulmonary disorder, and Alzheimer's. The ailments that cause illness can be very different. Back pain, migraines, and hearing loss are the top causes of years that people live with disability in UK.

Moreover, in 2016, for the first time in modern history, fewer than 5 million children under age 5 died in one year globally, as compared to 1990 when 11 million died.

Again, we are being reminded that despite living longer, much of that extra time is spent in ill-health. This latest update underlines the importance of preventing the conditions that keep people out of work and put their long-term health in jeopardy, like musculoskeletal problems, poor hearing and mental ill-health."

### **Gates' Globalist Vaccine Agenda: A Win-Win for Pharma and Mandatory Vaccination**

**By Robert F. Kennedy Jr., Chairman, Children's Health Defense<sup>8</sup>**

Vaccines, for Bill Gates, are a strategic philanthropy that feed his many vaccine-related businesses (including Microsoft's ambition to control a [global vaccination ID enterprise](#)) and give him dictatorial control of global health policy.

Gates' obsession with vaccines seems to be fueled by a conviction to save the world with technology.

Promising [his share of \\$450 million](#) of \$1.2 billion to eradicate Polio, Gates took control of India's National Technical Advisory Group on Immunization (NTAGI) which mandated up to [50 doses](#) (Table 1) of polio vaccines through [overlapping immunization programs](#) to children before the age of five. Indian doctors blame the Gates campaign for a devastating [non-polio acute flaccid paralysis \(NPAFP\) epidemic that paralyzed 490,000](#) children beyond expected rates between 2000 and 2017. In 2017, the Indian government dialed back Gates' vaccine regimen and [asked Gates](#) and his vaccine policies to leave India. NPAFP rates dropped precipitously.

*[The most frightening \[polio\] epidemics in Congo, Afghanistan, and the Philippines, are all linked to vaccines.](#)*

<sup>7</sup> <https://publichealthmatters.blog.gov.uk/2017/10/02/global-burden-of-disease-twenty-years-of-ground-breaking-health-data/>

<sup>8</sup> <https://childrenshealthdefense.org/news/government-corruption/gates-globalist-vaccine-agenda-a-win-win-for-pharma-and-mandatory-vaccination/>

In 2017, the World Health Organization (WHO) reluctantly admitted that the global explosion in polio is [predominantly vaccine strain](#). The most frightening epidemics in [Congo, Afghanistan](#), and the [Philippines](#), are all linked to vaccines. In fact, by 2018, [70% of global polio cases](#) were vaccine strain.

In 2014, the Gates Foundation funded tests of experimental HPV vaccines, developed by Glaxo Smith Kline (GSK) and Merck, on [23,000 young girls](#) in remote Indian provinces. Approximately [1,200 suffered severe side effects](#), including autoimmune and fertility disorders. [Seven died](#). Indian government investigations charged that Gates-funded researchers committed [pervasive ethical violations](#): pressuring vulnerable village girls into the trial, bullying parents, forging consent forms, and refusing medical care to the injured girls. The case is now in the country's Supreme Court. *[South African newspapers complained, 'We are guinea pigs for the drug makers.'](#)*

In 2010, the Gates Foundation funded a phase 3 trial of GSK's experimental malaria vaccine, [killing 151 African infants](#) and causing serious adverse effects including paralysis, seizure, and febrile convulsions to [1,048 of the 5,949 children](#).

During Gates' 2002 MenAfriVac campaign in Sub-Saharan Africa, Gates' operatives forcibly vaccinated thousands of African children against meningitis. [Approximately 50 of the 500 children vaccinated developed paralysis](#). South African newspapers complained, *"[We are guinea pigs for the drug makers](#)."* Nelson Mandela's former Senior Economist, Professor Patrick Bond, describes Gates' philanthropic practices as *"[ruthless and immoral](#)."*

In 2010, Gates [committed \\$10 billion](#) to the WHO saying, "We must make this the decade of vaccines." A month later, Gates said in a [Ted Talk](#) that new vaccines "could reduce population". In 2014, Kenya's Catholic Doctors Association accused the WHO of chemically sterilizing millions of unwilling Kenyan women with a ["tetanus" vaccine campaign](#). Independent labs found a sterility formula in every vaccine tested. After denying the charges, WHO finally admitted it had been developing the sterility vaccines for over a decade. Similar accusations came from [Tanzania, Nicaragua, Mexico, and the Philippines](#).

[A 2017 study](#) (Morgenson et. al. 2017) showed that WHO's popular DTP vaccine is killing more African children than the diseases it prevents. DTP-vaccinated girls suffered 10x the death rate of children who had not yet received the vaccine. WHO has refused to recall the lethal vaccine which it forces upon tens of millions of African children annually.

*[\[Global public health officials\] say he has diverted agency resources to serve his personal philosophy that good health only comes in a syringe.](#)*

Global public health advocates around the world accuse Gates of steering WHO's agenda away from the projects that are proven to curb infectious diseases: clean water, hygiene, nutrition, and economic development. The Gates Foundation only spends about [\\$650 million of its \\$5 billion dollar budget](#) on these areas. They say he has diverted agency resources to serve his personal philosophy that good health only comes in a syringe.

In addition to using his philanthropy to control WHO, UNICEF, GAVI, and PATH, Gates funds [a private pharmaceutical company](#) that manufactures vaccines, and additionally is donating \$50 million to [12 pharmaceutical companies](#) to speed up development of a coronavirus vaccine. In his [recent media appearances](#), Gates appears confident that the Covid-19 crisis will now give him the opportunity to force his dictatorial vaccine programs on American children.

### **The Bill and Melinda Gates Foundation paid a PR firm to lobby the UN <sup>9</sup>**

Jonathan Latham of Independent Science News reports: *"The Bill and Melinda Gates Foundation this year paid a PR firm called [Emerging Ag](#) \$1.6 million to recruit a covert coalition of academics to manipulate a UN decision-making process over gene drives, according to emails obtained through Freedom of Information requests. Gene drives are a [highly controversial](#) new genetic extinction technology. They have been proposed as potentially able to eradicate malarial mosquitoes,*

<sup>9</sup> <https://www.independentsciencenews.org/news/gates-foundation-hired-pr-firm-to-manipulate-un-over-gene-drives/>

*agricultural pests, invasive species, as well as having potential military uses. Emerging Ag calls itself “a boutique international consulting firm providing communications and public affairs services.” Its president and founder is Robynne Anderson, a former international communications director of CropLife, the global lobby group for the biotechnology, seed, and pesticide industries.”*

### **Coalition for Epidemic Preparedness Innovations (CEPI)**

It was conceived in 2015 and formally launched in 2017 at the [World Economic Forum](#) (WEF) in [Davos](#), Switzerland. It was co-founded and co-funded with US\$460 million from the [Bill and Melinda Gates Foundation](#), [The Wellcome Trust](#), and a consortium of nations, being Norway, Japan, Germany; to which the European Union (2019) and Britain (2020) subsequently joined.

### **Bill Gates plans to issue a passport to travel to prove that people have received the vaccine<sup>10</sup>**

### **Cancer Research UK was taken over by the founder of Syngenta: ‘pesticides don’t cause cancer’**

In 2010, David Cameron recruited the founder of Syngenta to run Cancer Research UK to ‘control the narrative’ about the causes of cancer and Dr Sally Davies, as Chief Medical Officer. She was a consultant haematologist specialising in haemoglobinopathies (not an expert in Public Health) to place the blame firmly onto the people for what were in fact the effects of pesticides. CRUK and the CMO blamed the people for lifestyle choices; alcohol, smoking and obesity. Alcohol allegedly causes seven different types of cancer and obesity allegedly causes 13 different types of cancer.<sup>11</sup>

### **The Government has recently classified the most vulnerable people that need help to isolate; 70,000 in Wales and 1.5 million in England. In Wales that is 4.6% of the population compared with 3.6% of the population in England: why are the people of Wales sicker than those in England?**

### **The Westminster Government collaborated with Monsanto and Bayer**

Monsanto says its presence in the UK has evolved significantly since its origins here in 1919, when the company entered into a partnership with R.A. Graesser Chemical works in Ruabon, N.Wales.<sup>12</sup> In 1949 after the Nuremberg Trials following WW2, Clement Atlee invited Monsanto to set up a factory in Newport, South Wales, as far from Westminster as possible, to manufacture toxic chemicals; Vinyl chlorides, naphthalene, DDT, dioxins and PCBs. Westminster also cosied up to Bayer Crop Science, the former IG Farben, the private chemical company that collaborated with the Nazis and ran a factory and a concentration camp at Auschwitz, leading to an estimated 30,000 deaths of European Jews.

### **In 1971 Ted Heath agreed to ramp up production of PCBs at the Monsanto plant in Newport**

In 1968 US documents showed that Monsanto tried to decide whether or not to come clean about the dangers of the chemicals. They stopped making polychlorinated biphenyls (PCBs) in Anniston US in 1971 because of scandals about PCBs on the health of the population and wildlife. However, the British government led by Ted Heath agreed to ramp up the production of PCBs at the Monsanto plant in Newport.

Alabama is more than 50 million square miles: Wales is 8,000 square miles.

Toxic waste from the increased production was dumped at five other quarries in Wales and one in the north of England. The UK government, which knew of the dangers of PCBs in the environment in the 1960s, allowed their production in Wales until 1977.<sup>13</sup> In 2003 when toxic effluent from the quarry starting leaking into people’s streams in Grosfaen just outside Cardiff, the Environment

<sup>10</sup> [https://www.youtube.com/watch?v=OGsgtF0Mhll&feature=emb\\_logo](https://www.youtube.com/watch?v=OGsgtF0Mhll&feature=emb_logo)

<sup>11</sup> <http://www.cancerresearchuk.org/about-us/cancer-news/press-release/2016-04-01-9-in-10-dont-link-alcohol-and-cancer>

<sup>12</sup> <http://www.monsantoglobal.com/global/uk/whoweare/Pages/monsanto-in-the-uk.aspx>

<sup>13</sup> <https://www.theguardian.com/guardian/2007/feb/12/frontpagenews.uknews>

Agency - a government agency concerned with flooding and pollution – was hired to clean up the site in 2005. *“Firstly, the Agency repeatedly failed to hold Monsanto accountable for its role in the pollution (a role that Monsanto denied from the outset). Secondly, the Agency consistently downplayed the dangers of the chemicals themselves, even claiming that they offered no “identifiable harm or immediate danger to human health” in their official report.”*

According to engineering company WS Atkins, in a report prepared for the agency and the local authority in 2005 **but never made public**, the site contains at least 67 toxic chemicals. Seven PCBs have been identified, along with vinyl chlorides and naphthalene.<sup>14</sup> The unlined quarry is still leaking, the report says. *“Pollution of water has been occurring since the 1970s, the waste and groundwater has been shown to contain significant quantities of poisonous, noxious and polluting material, pollution of ... waters will continue to occur.*

### **Number of pesticide active ingredients sprayed on crops rose alarmingly between 1975 and 2014**

At the Royal Society of Medicine Conference on pesticides safety the Soil Association organised by its Policy Director, the late Peter Melchett, presented alarming figures.<sup>15</sup> New evidence suggests pesticide use has seen a massive increase in the UK over the last 40 years, with potential impacts on human health, delegates at a Royal Society of Medicine conference have heard today [1]. This is in sharp contrast to the claim by the pesticide industry that use has halved [2].

Under FOI request FERA Science (previously a government agency, now privatized) provided figures that showed that the number of active ingredients applied to wheat had risen **12-fold** from 1.7 in 1974 to 20.7 in 2014; that those applied to potatoes had risen **5.8** times from 5.3 in 1975 to 30.8 in 2014; that those applied to onions and leeks had risen **18-fold** from 5.3 in 1975 to 30.8 in 2014.

### **Each year there are steady increases in the numbers of new cancers in the UK and increases in deaths from the same cancers, with no treatments making any difference to the numbers.**

In the UK there were 13,605 new cases of Non-Hodgkin Lymphoma in 2015 (and 4,920 deaths in 2016)<sup>16</sup>; there were 41,804 new cases of bowel cancer in 2015 (and 16,384 deaths in 2016); 12,547 new cases of kidney cancer in 2015 (and 4,619 deaths in 2016); 5,736 new cases of liver cancer in 2015 (5,417 deaths in 2016); 15,906 new cases of melanoma in 2015 (2,285 deaths in 2016); 3,528 new cases of thyroid cancer in 2015 (382 deaths in 2016); 10,171 new cases of bladder cancer in 2015 (5,383 deaths in 2016); 8,984 new cases of uterine cancer in 2015 (2,360 deaths in 2016); 7,270 cases of ovarian cancer in 2015 (4,227 deaths in 2016); 9,900 new cases of leukaemia in 2015 (4,712 deaths in 2016); 55,122 new cases of invasive breast cancer in 2015 (11,563 deaths in 2016); 47,151 new cases of prostate cancer in 2015 (11,631 deaths in 2016); 9,211 new cases of oesophageal cancer in 2015 (8,004 deaths in 2016); and 5,540 new cases of myeloma in 2015 (3,079 deaths in 2016); 2,288 new cases of testicular cancer in 2015 (57 deaths in 2016); 9,921 new cases of pancreatic cancer in 2015 (9,263 deaths in 2016); 11,432 new cases of brain cancer in 2015 (5,250 deaths in 2016); 46,388 new cases of lung cancer in 2015 (and 35,620 deaths in 2016). In the US in 2014 there were 24,050 new cases of myeloma.

### **Cancer deaths worldwide: in 2011, 7 million deaths; predicted to rise to 12 million by 2030.**

These UK figures for cancers are similar to the figures for the Global Burden of Disease 1990 to 2017. But the GBD figures are concealed in 53 pages of dense jargon, many abbreviations, a profusion of words and complicated diagrams. The declarations of financial interest reveal that financial contributions are provided by many pharmaceutical and agrochemical corporations. The Funding

<sup>14</sup>

[http://www.theecologist.org/The\\_Brofiscin\\_Monsanto\\_Files/777777/burying\\_the\\_truth\\_the\\_organic\\_ecologist\\_investigation\\_into\\_monsanto\\_and\\_brofiscin\\_quarry.html](http://www.theecologist.org/The_Brofiscin_Monsanto_Files/777777/burying_the_truth_the_organic_ecologist_investigation_into_monsanto_and_brofiscin_quarry.html)

<sup>15</sup> <https://www.soilassociation.org/news/2017/november/rapid-increase-in-pesticide-use-and-new-evidence-of-health-impacts-of-very-low-doses/>

<sup>16</sup> <https://www.cancerresearchuk.org/health-professional/cancer-statistics/statistics-by-cancer-type/non-hodgkin-lymphoma>

was provided by the Bill and Melinda Gates Foundation. Have Dr Gregory Roth and Dr Christopher Murray written this paper in order to protect Bayer and to please the BMGF?

### **Childhood obesity in the early years at school is caused by multiple pesticide residues in the Schools Fruit and Vegetable Scheme provided by the Department of Health**

Pesticide Action Network UK's analysis of the last 12 years of residue data published by the Expert Committee on Pesticide Residues in Food (PRiF) shows that there are unacceptable levels of pesticides present in the food provided through the Department of Health's School Fruit and Vegetable Scheme (SFVS).<sup>17</sup> **Residues of 123 different pesticides were found**, some of which are linked to serious health problems such as cancer and disruption of the hormone system.

In many cases, multiple residues were found on the produce. This is another area of serious concern as the scientific community has little understanding about the complex interaction of different chemicals in what is termed the 'cocktail' effect. We have also found that the levels of residues contained on SFVS produce are higher than those in produce tested under the national residue testing scheme (mainstream produce found on supermarket shelves). When PAN-UK sent its 2017 findings to the Department of Health, it was told that **pesticides are not the concern of the DoH**. The Department of Health had at least 130 meetings with representatives of industry between May 2010 and the end of 2013.

**The gut microbiome; the collective genome of organisms inhabiting our body. Obesity is associated with low bacterial richness in the gut.**

### **We can only absorb nutrients via trillions of bacteria in our gut, the gut microbiome**

This is the term for the collective genome of organisms inhabiting our bodies. Glyphosate disrupts the shikimate pathway within these gut bacteria, without which we cannot survive. Glyphosate is a strong chelator of essential minerals, such as cobalt, zinc, manganese, calcium, molybdenum and sulphate. In addition, it kills off beneficial gut bacteria and allows toxic bacteria such as *Clostridium difficile* to flourish. Two key problems caused by glyphosate residues in our diet are nutritional deficiencies, especially minerals and essential amino-acids, and systemic toxicity.<sup>18</sup>

### **Richness of human gut microbiome correlates with metabolic markers: we are facing a global metabolic health crisis provoked by an obesity epidemic**

Chatelier, E.L. *et al.* Richness of human gut microbiome correlates with metabolic markers *Nature* 29 August 2013; 500: 541-550.<sup>19</sup>

*"We are facing a global metabolic health crisis provoked by an obesity epidemic." In a multi-author study of obese and non-obese individuals, those with "low bacterial richness in the gut (23% of the population) are characterized by more marked overall adiposity, insulin resistance and dyslipidaemia and a more pronounced inflammatory phenotype when compared with those with high bacterial richness. Low richness of gut microbiota has been reported in patients with inflammatory bowel disorder. Also, notable diversity differences were observed between the urban US population and rural populations from two developing countries."*

### **When Glyphosate was reassessed in 2004, Professor Alan Boobis was Chairman of the UN's JMPR meeting on pesticide residues.<sup>20</sup>**

Page 98 Table 3. Mean tissue concentration of radioactivity (ppm) at 168 h in rats given <sup>14</sup>C-labelled glyphosate as single or repeated doses. Glyphosate was present in whole blood, liver, brain, kidney,

<sup>17</sup> <http://www.pan-uk.org/food-for-thought/>

<sup>18</sup> <https://www.mdpi.com/1099-4300/15/4/1416>

<sup>19</sup> <http://www.nature.com/nature/journal/v500/n7464/abs/nature12506.html>

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[https://apps.who.int/iris/bitstream/handle/10665/43624/9241665203\\_eng.pdf;jsessionid=B0AAD3975D65BB30FFFE902DD40DF27C?sequence=1](https://apps.who.int/iris/bitstream/handle/10665/43624/9241665203_eng.pdf;jsessionid=B0AAD3975D65BB30FFFE902DD40DF27C?sequence=1)

spleen, lung, heart, testes/ovary, stomach, small intestine, colon, bone, bone marrow, abdominal muscles, shoulder muscles. So why did [Dan Goldstein](#), Senior Science Fellow and Lead, Medical Sciences and Outreach, Monsanto on Friday, 12/20/2013 3:16 pm: claim: *“If ingested, glyphosate is excreted rapidly, does not accumulate in body fat or tissues, and does not undergo metabolism in humans. Rather, it is excreted unchanged in the urine?”*

### **Glyphosate causes serious multi-generational health damage to rats**

Washington State University (WSU) researchers have found a variety of diseases and other health problems in the second- and third-generation offspring of rats exposed to glyphosate, the world’s most used weed killer. In the first study of its kind, the researchers saw descendants of exposed rats developing prostate, kidney and ovarian diseases, obesity and birth abnormalities.<sup>21</sup>

Michael Skinner, a WSU professor of biological sciences, and his colleagues exposed pregnant rats to the herbicide between their eighth and 14th days of gestation. The dose—half the amount expected to show no adverse effect—produced no apparent ill effects on either the parents or the first generation of offspring.

But writing in the journal *Scientific Reports*, the researchers say they saw “dramatic increases” in several pathologies affecting the second and third generations. The second generation had “significant increases” in testis, ovary and mammary gland diseases, as well as obesity. In third-generation males, the researchers saw a 30 percent increase in prostate disease – three times that of a control population. The third generation of females had a 40 percent increase in kidney disease, or four times that of the controls. More than one-third of the second-generation mothers had unsuccessful pregnancies, with most of those affected dying. Two out of five males and females in the third generation were obese. Skinner and his colleagues call this phenomenon “*generational toxicology*” and they’ve seen it over the years in fungicides, pesticides, jet fuel, the plastics compound bisphenol A, the insect-repellent DEET and the herbicide atrazine. At work are epigenetic changes that turn genes on and off, often because of environmental influences.

### **Study reported on 13/04/2020: Olive oil industry under increasing threat from 'olive leprosy'<sup>22</sup>**

One of southern Europe’s most important staples, [olive oil](#), is under pressure from a [potentially deadly disease](#) that new research shows could infect nearly all of the productive areas of Italy, Greece and Spain. Economic losses could be as high as €5bn over the next 50 years for Italy, where [at least 1m trees have already died](#), if nothing is done to halt the spread of the disease and olive groves are not replanted, [the study found](#). In Spain, losses could total €17bn over the same period, and Greece could suffer to the tune of about €2bn.

### **Dr Don Huber’s confirmation that glyphosate is associated with diseases in plants and trees<sup>23</sup>**

Abstract: Glyphosate, N-(phosphonomethyl) glycine, is the most extensively used herbicide in the history of agriculture. Weed management programs in glyphosate resistant (GR) [field crops](#) have provided highly effective weed control, simplified management decisions, and given cleaner harvested products. However, this relatively simple, broad-spectrum, systemic herbicide can have extensive unintended effects on nutrient efficiency and disease severity, thereby threatening its agricultural sustainability. A significant increase in disease severity associated with the wide spread application of the glyphosate herbicide can be the result of direct glyphosate-induced weakening of plant defenses and increased pathogen population and virulence. Indirect effects of glyphosate on disease predisposition result from immobilization of specific micronutrients involved in disease resistance, reduced growth and vigor of the plant from accumulation of glyphosate in meristematic root, shoot, and reproductive tissues, altered physiological efficiency, or modification of the

<sup>21</sup> <https://www.nature.com/articles/s41598-019-42860-0>

<sup>22</sup> <https://www.theguardian.com/world/2020/apr/13/olive-oil-industry-under-increasing-threat-from-olive-leprosy>

<sup>23</sup> <https://www.sciencedirect.com/science/article/abs/pii/S1161030109000628>

soil **microflora** affecting the availability of nutrients involved in physiological disease resistance. Strategies to ameliorate the predisposing effects of glyphosate on disease include judicious selection of herbicide application rates, micronutrient amendment, glyphosate detoxification in meristematic tissues and soil, changes in cultural practices to enhance micronutrient availability for plant uptake, and biological amendment with glyphosate-resistant microbes for **nitrogen fixation** and nutrient availability. Given that recommended doses of glyphosate are often many times higher than needed to control weeds, we believe the most prudent method to reduce the detrimental effects of glyphosate on GR crops will be to use this herbicide in as small a dose as practically needed. Such a frugal approach will not only curtail disease predisposition of GR crops, but will also benefit the grower and the environment.

*“Given the reliance of many plant defenses on the shikimic acid pathway, and the fact that glyphosate blocks this pathway, it is not surprising that this herbicide would render plants more susceptible to pathogens. Glyphosate stimulation of fungal growth and enhanced virulence of pathogens such as *Fusarium*, *Gaeumannomyces*, *Phytophthora*, *Pythium*, and *Xylella* can have serious consequences for sustainable production of a wide range of susceptible crops and lead to the functional loss of genetic resistance that is dependent on metabolites through the shikimate pathway. It is important to understand the effect of glyphosate on the chemical and biological properties of soils and its overall effects on the agricultural production system to permit its judicious use. Ignoring potential non-target detrimental side effects of any chemical, especially used as heavily as glyphosate, may have dire consequences for agriculture such as rendering soils infertile, crops non-productive, and plants less nutritious (Altman and Campbell, 1977). To do otherwise might well compromise not only agricultural sustainability, but also the health and well-being of animals and humans (Ozturk et al., 2008).”*

#### **Where have all the swallows gone? In May 2019 no sign of them in our farmyard<sup>24</sup>**

Robin Page, a Cambridgeshire farmer, broadcaster, author and activist says: *“There are none on the small farm in Cambridgeshire where I was born, and where I still live and work. There have been swallows on the farm for most of my life and when I was a boy, their nests got well into double figures each summer. Over recent years we have had just three or four. And today, there is no sign of them in my yard. Before we smugly blame the decline of the swallow and the house martin entirely on the ignorance of rapacious overseas hunters, however, it is important to recognise the part that we in Britain play, too. Bear in mind the huge loss of insects through the overuse of insecticides in our gardens and on farms. It is a tremendous concern. And people who use nets to prevent birds nesting at their favoured sites are a plain embarrassment. Sadly, many British farms and homes are now too clean and tidy for nature. Incredible as it might seem, there are still people who illegally smash the mud nests of house martins as they try to build them on house walls and under eaves. On my farm I go to the other extreme. I have a mud puddle for any swallows or house martins that might want to use it for nesting material. So, we should all strive to make Britain as hospitable as possible for our superb summer visitors. There is a lot of work to do.”*

#### **The Institute for Health Metric and Evaluation (IHME) prediction**

The Institute for Health Metric and Evaluation (IHME) predicts that in the UK there will be 66,000 deaths from COVID-19 by August and a peak of 3,000 a day. How do they know? Dr Christopher Murray heads both the IHME **and** the Global Burden of Disease studies.

#### **Global burden of disease study 2010 shows declines in the health of the UK**

Between 1990 and 2010, Britain has slipped down the scale of health compared with other wealthy nations.

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<sup>24</sup> <https://www.dailymail.co.uk/news/article-6993621/Where-swallows-gone.html>

*“The performance of the UK in terms of premature mortality is persistently and significantly below the mean of EU15+ and requires additional concerted action... premature mortality from several major causes such as cardiovascular disease and cancers...In terms of premature mortality worsening ranks are most notable for men and women aged 20-54 years. Increases in Alzheimer’s disease, breast cancer, oesophageal cancer, congenital anomalies “and a growing burden of disability, particularly from mental disorders” are all acknowledged.<sup>25</sup>*

### **Neurotransmitter changes in the brain from exposure to Glyphosate-based herbicides**

Many papers come from Latin American countries where they grow almost exclusively GM Roundup Ready Crops that Monsanto forced on them in 1996. Here are three papers. The European Glyphosate Task Force excluded scientific papers from South America in their re-assessment of glyphosate.

Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice.<sup>26</sup>

*Taken together, our findings demonstrate that intranasal (IN) exposure to commercial Gly-BH produces alterations in locomotor activity, anxiety and memory in adult mice. These observations could be a consequence of alterations in neurotransmission systems comprising the GABAergic, dopaminergic, serotonergic and/or cholinergic systems.”* In this research paper there are references to many papers from around the world that confirm the glyphosate-based herbicides are damaging to the development of the foetal brain and that repeated exposure is toxic to the adult human brain and may result in alterations in locomotor activity, feelings of anxiety and memory impairment.

Martínez, M. A., Ares, I., Rodríguez, J. L., Martínez, M., Martínez-Larrañaga, M. R., & Anadón, A. (2018). Neurotransmitter changes in rat brain regions following glyphosate exposure. *Environmental Research*, 161, 212-219.<sup>27</sup>

Highlights:

- Glyphosate oral exposure caused neurotoxicity in rats.
- Brain regions were susceptible to changes in CNS monoamine levels.
- Glyphosate reduced 5-HT, DA, NE levels in a brain regional- and dose-related manner.
- Glyphosate altered the serotonergic, dopaminergic and noradrenergic systems.

Mechanisms underlying the neurotoxicity induced by glyphosate-based herbicide in immature rat hippocampus: Involvement of glutamate excitotoxicity.<sup>28</sup>

**To see how many human brains have been drained since 1975 when Roundup was first introduced: contrast the quality of debate between Tony Benn and Roy Jenkins in the European Communities Referendum in 1975<sup>29</sup> with the debate on Brexit in 2019**

**The next generation will curse the present generation for having destroyed human health and nature simply as a result of corruption and greed**

Rosemary Mason 16 April 2020

<sup>25</sup> <http://www.ncbi.nlm.nih.gov/pubmed/23668584> UK health performance: findings of the Global Burden of Disease Study 2010

<sup>26</sup> <https://www.sciencedirect.com/science/article/pii/S0892036217301526>

<sup>27</sup> <https://www.sciencedirect.com/science/article/pii/S0013935117316730>

<sup>28</sup> <https://www.sciencedirect.com/science/article/pii/S0300483X14000493>

<sup>29</sup> <https://www.youtube.com/watch?v=zBFh6bpcMo>