E. Coli Epidemic Uncovers Massive Negligence in German Health System

by Wolfgang Lillge, M.D.

June 14—The epidemic of the new, very aggressive *E. coli* (EHEC) bacteria that started in the city of Hamburg in early May, was not the surprise it was made out to be in the media and by many experts. As the La-Rouche movement warned two years ago, in the context of the swine and avian flus, the creation of new epidemics is the necessary consequence of the world-wide destruction of health infrastructure and, the spread of hunger and poverty. However, today another factor has been added: The radical ecological shift in agriculture has had the effect of creating new breeding grounds for dangerous pathogens, of which the biogas plants, built in Germany by the hundreds, are only the leading example.

While the origin of the EHEC outbreak is not definitively resolved, the pathogen responsible for the severe conditions must have been created under ideal conditions. In fact, the pathogen is not the same *coli* bacterium that was responsible for earlier EHEC outbreaks in Japan and elsewhere; rather, what happened is, that two different pathogenic *E. coli* types crossbred, producing a new, extremely aggressive bacterium (serotype O104:H4).

The first EHEC case, and also the first case of the life-threatening Hemolytic-uremic Syndrome (HUS) was reported to the German Robert Koch Institute, the central federal institution responsible for disease control and prevention, on May 1. Since then (as of June 8), a total of 2,648 persons have come down with HUS or EHEC, and 25 died.

Over a short timespan, it became obvious that the hospitals in northern Germany were completely overwhelmed by the rapidly rising number of severely sick patients. Most dangerous, and very difficult to treat, is HUS, which is caused by bacterial toxin. In most cases, patients need a "blood purification" (plasmapheresis), and immediate dialysis in the case of kidney failure, which can only be done under intensive care conditions.

Even though medical personnel and equipment were transferred from southern Germany into the treatment centers in the north, there was already an open discussion about triage—selective treatment of patients—the victims of which would have been primarily older patients.

An important breakthrough, however, came from scientists of the Beijing Genetic Institute, who announced on June 5 that they had successfully sequenced the genome of the bacterium. Several genes were identified that render the new bacterium resistant to eight different antibiotics, and lead to the production of large amounts of toxin that enters the bloodstream, causing HUS. In collaboration with specialists of the University Clinic of Hamburg Eppendorf, the Chinese had previously succeeded in isolating the two bacteria that had combined to form the new aggressive strain.

There was evidence of a similarity between one of these bacteria with a pathogen recently discovered in Africa. If that were confirmed, it would be underlined again that it was criminal negligence on part of the international community to let epidemics in Africa spread, because bacteria were provided ample time to mutate. At the time of the avian and swine flu epidemics two years ago, it was already feared that such a genetic recombination would occur.

Will Green Kill You?

In searching for the origin of the EHEC outbreak, not only fresh vegetables like cucumbers, tomatoes, salad greens, and sprouts were targeted by health officials, but some experts raised suspicion of a very different type: Would it be possible that the dangerous germ was bred in a biogas plant? In biogas plants, liquid manure, dung, certain energy-rich plants like corn or rape, other natural garbage, and even slaughterhouse waste, are being fermented by aid of microbes at an ideal temperature of 38°C. The resulting gas is

June 24, 2011 **EIR** Science 53

then used for energy production.

In an article in *Welt am Sonntag*, Bern Schottdorf, founder of a large medical laboratory in Augsburg, was quoted as saying that he could very well imagine that biogas plants could contribute to the creation and spread of new EHEC varieties. "In these plants, bacteria crossbreed and fuse together," he said. "What exactly happens there, is unexplored, by and large." This unprecedented mixture of pathogens is then brought onto the fields. While it is necessary to purify the material for one hour at 70°C, it is doubtful whether all the pathogens are really killed by that process. Furthermore, there is little or no inspection of these plants.

Schottdorf thinks, therefore, "that all biogas plants in Germany must quickly be investigted for potential pathogens. Otherwise, there is the danger that in the future we will experience epidemics with known or new agents."

Actually, in Internet blogs of the biogas lobby there is a discussion of how to avoid current regulations establishing hygienic requirements. In the blog "Biogas Community," a farmer from Luneburg posed the question: "Do I eventually kill, by hygienization, biological processes, so that the result is little or no gas production in the storage depot?" The blog moderator replied: "That actually is no problem. I am heating my container with an external heat exchanger, in which the substrate is heated briefly to more than 60°C. My biology, however, is in excellent condition." Another blogger added to that: "But then there would be no hygienization effect."

Any eco-fanatic would of course deny vehemently such suspicion against biogas plants, where everything is "completely natural." What is actually happening in the huge containers of these massively subsidized biogas plants, nobody really wants to know. These plants are a much more effective breeding ground for new pathogens than the creation of resistant strains caused by wrongly applying antibiotics, which also lead to recombinations and cross-overs in the patient's system. However, a biogas reactor has no immune system, that could eliminate invading pathogens!

Organic farming, as a whole, represents a significant hygienic step backwards in food production, because fertilization with liquid manure, dung, and other "natural" products, rather than with chemical fertilizers, significantly raises the risk of spreading pathogens. For some time now, in agriculture, "chemicals" have been demonized, and allegedly "good" organic farming

hyped—the green mantra with which we have been brainwashed for decades. However, if it is confirmed that the dangerous EHEC bacterium originated from an organic farm in Lower Saxony, which eschews "artificial fertilizers" and genetic engineering, then there should be some fissures in the image of the idyllic world of organic farming. And isn't it ironic, that the evil "chemistry," of all things, in the form of modern drugs and suspicious "technologies," as well as high-tech machines, would save patients who fell sick because of "bio"?

Bacteriological War?

It is quite plausible, that the outbreak of EHEC corresponds, directly or indirectly, with the anti-human intentions of Lord Bertrand Russell and British Crown consort Prince Philip. Russell's plans were expressed clearly in his 1951 book, *The Impact of Science on Society*: "At present the population of the world is increasing at about 58,000 per diem. War, so far, has had no very great effect on this increase, which continued throughout each of the world wars.... War has hitherto been disappointing in this respect... but perhaps bacteriological war may prove effective. If a Black Death could spread throughout the world once in every generation, survivors could procreate freely without making the world too full. The state of affairs might be unpleasant, but what of it?"

Prince Philip's intent was most succinctly put during an interview with the Deutsche Presse Agentur in August 1988: "In the event I am reborn, I would like to return as a deadly virus, in order to contribute something to solve overpopulation."

Given the dominance which Prince Philip's policy of genocide has over the international "environmentalist" movement, seated in the World Wildlife Fund and beyond, and which the City of London has over the bankrupt world financial system, now struggling to survive, it is clear that mass death of "excess" population is the policy of the British-dominated oligarchical elite. Can anyone confidently claim that the spread of deadly diseases is not the intended result of those powers?

The outbreak of EHEC clearly shows the urgency to immediately launch a worldwide crash Apollo-style program for medical research. Europe should take China as an example: The Beijing Genetics Institute has the world's largest DNA-sequencing capability, with more than 180 machines and over 4,000 employees. Moreover, it has developed a test that can verify EHEC bacteria within two to three hours.

54 Science EIR June 24, 2011