

Interesting Things and Things Worth Knowing about Viruses and Bacteria

Seven hundred and thirty fifth contact

Friday, 3rd April 2020, 11:48 pm

Ptaah Here I am, Eduard. Greetings. You had Florena call me, dear friend, what has arisen that is so urgent?

Billy To begin with, greetings and welcome, Ptaah, my friend. Have a look at this, I received this fax from Elisabeth, wherefore I think that an urgent answer to that could be necessary, because, if such thoughts as are mentioned in this fax are maintained and possibly spread, bad misunderstandings arise, and from that, anxiety. However, we must prevent that, for which reason it is necessary that you more fully explain everything that you explained during our last conversations in relation to that which is mentioned in this fax. Unfortunately, it is always the case that, if something is explained, it can never be enough, because out of all and everything, inconsiderate assumptions, bent thoughts and wrong interpretations come about. And, as a rule, this always happens because effective and real deep thinking and considering as well as fathoming of something that has been explained is not a strength of many human beings of Earth. The whole fax, which Elisabeth received via email, relates to that which you explained on the 3rd of February in point 17):

17) Our observations and cognitions also show that the coronavirus, which occasionally changes genetically, behaves very aggressively or fatally in the human organism, depending on the corresponding immune status, but, on the other hand, also behaves in a restrained form which leads to a recovery, but this does not correspond to a complete annihilation of the virus. Our cognitions show that certain genetic variants do not die off even with recovery, rather remain latent, but are not immediately recognisable and also not detectable, as is also the case with various other diseases. Concerning this insidious rampantly spreading corona disease, however, at some point after years or decades – for example, through intimate contacts – it can unexpectedly happen that the latent, dormant evil can be transmitted, in which case then an unusual phenomenon arises such that, due to the changed genetic variations of the known virus, a disease reaction takes place in a completely different form. However, it is impossible to fathom this fact through the terrestrial research with the medical and virological apparatuses and other technology, because, according to our future viewings, in the present third millennium the instruments necessary for this cannot be developed and constructed. Even though the Earth's human beings think that they have a highly developed technology of very highly developed value at their disposal, the truth is, which is to be said about it, that the entire terrestrial technology in every respect is equal to the first step out of the deepest darkness into a weak shimmer of a light that is still very far away.

That, dear friend, is in my opinion the reason for the fax, which I would like you to read ...

Ptaah ... (reads)

Beginning of the forwarded message:

From: FIGU <info@figu.org>

Subject: Fwd: form entry from: contact form

Date: 2nd April 2020 at 6:48:07 CEST

To: Elisabeth Gruber ...

----- Original Message -----

Subject: form entry from: contactform

Date: Thu, 2 Apr 2020 09:31:21 +0200 (CEST)

From: "A.B.

To: info@figu.org

Transmitted on Thursday, 2nd of April 2020 – 9:31 from

These values were entered:

First name and surname: A.B.

Preferred language: German

Your message to us:

I would like to pose some questions regarding the new vital information in relation to the rampantly spreading disease, as it has been published on the FIGU website:

- 1) Since, according to such recently published information, the virus is rapidly mutating and becoming more aggressive and, moreover, it behaves differently depending on the immune system of the respective peoples, one could assume that if a vaccination should be found at some point, it will not be effective or would only be partially effective, which means that the healthy human beings will either not be or will only be partially protected from the virus infection, because in the meantime the virus has already mutated so much that the vaccination provides no effective protection. If that were the case, it would mean that possibly only some kind of pharmaceutical means, that is to say, medication could treat and heal the viral disease.
- 2) What does it actually look like in this regard?
- 3) According to a statement that I recently found on the English FIGU FORUM in a post from the moderator, who quoted information received by phone from a FIGU core group member, there are currently several million infected worldwide. And according to the above-mentioned Plejaren source of information, it is the case that, in the body of the human beings infected by the virus, lasting traces of the virus remain in the genetic structure, which means that the disease can reappear after years and the infected persons, after recovery, can also still infect others. Although they no longer have symptoms, they have a negative result in the virus test and are therefore considered by terrestrial medicine to be healed. Therefore it looks like that this rampantly spreading disease cannot be stopped or is very difficult to combat, because a probable vaccination could only be given to healthy human beings and not those who have recovered from the viral disease and who are still contagious and therefore continue to spread the rampantly spreading disease, in fact for a long time into the future. This seems to be a hopeless situation unless some pharmaceutical is discovered and used which is capable of genetically destroying every trace of the virus in the body from the bottom up. Is that correct?

With kind regards,
A.B.

That really is inconsiderate, unpleasant and vexing and corresponds to that which you have said, namely that assumptions, wrong thoughts and likewise wrong interpretations are concocted, which can call forth anxiety and disaster, wherefore a further and more extensive explanation is obviously unavoidable.

Billy Indeed.

Ptaah I will do that and in ...

Billy I thought that you would not say no because it really is necessary. But I have to ask you, as is always necessary, that you should explain it in language that the Earthlings understand and in sufficient detail. Actually, also questions will certainly arise again when there is no longer anything to misunderstand, because, on the one hand, one thing or another will not be understood again.

Ptaah That will be the case, but also that some elements will question everything stupidly-brazenly in order to make themselves important with it. On the other hand, however, it will go even further, namely that elements who are addicted to an urge for know-it-all-ism, think up wrong theories and disseminate them as false information. Unfortunately, it will also be the case that professionals will not accept the truth either, because they are unreceptive to the instructions which are incomprehensible to them, are in their boastfulness unable to consider unfamiliar, foreign cognitions and a higher level of knowledge, and consequently can also not recognise it.

Billy That will be so, as they probably, in their narrow-mindedness, will also claim that everything is nonsense and only a work of my imagination and so forth, as is also claimed in this and that form with regard to our contacts, which are denounced as swindle, imagination, fantasy, delusion, lies and fraud. And

as you know, this is still happening today, even though for our contacts there are not only evidence photos and testimonials from many persons who have experienced various things in connection with our contacts, which was effectively more than merely exceptional. Also witness reports – in fact not only from FIGU members of the core and passive groups from all over the world, but also from persons independent of FIGU – prove that everything in terms of our contacts corresponds to reality. All of this and much more, however, will still be of no use stopping attempts to shoot me down in flames regarding the explanations of yours that are now circulating worldwide regarding the corona pandemic.

Ptaah Unfortunately, what you say is already the case today, because of the double bean-straw-like low intelligence of those who negate the truth, who search through your website on the internet and gain knowledge from it, while others insult you – in particular you – as a larger number of politicians and heads of state do, as we have already noticed repeatedly for decades through our observations. This also comes about in so-called UFO groups, which repudiate you and our contacts, on the one hand, because you were slandered by your former wife and former members who are friends with her and who have fallen for her, as well as by envious ones, in order to be able to be in your place and so forth, due to some pathologically conditioned but unfulfillable wishes.

Billy Good, you have said that now, and that about the ‘double bean-straw-like low intelligence’, which you obviously like, but we really shouldn’t talk about it again and again, even if I briefly touch on something about the fact that our contacts are questioned. It is simply not a good thing that my ex and the antagonists who unanimously agree with her, as well as the other opponents and the Christian-religious Mephistopheles who believe her, who call themselves theosophists and sect-fighters and so forth, are repeatedly brought up again.

Ptaah Sorry, I did not mean to hurt you. You have already rebelled against it several times, but sometimes I just feel urged to tell the truth because you do not defend yourself publicly against the insults, lies and slander and do not pay attention to the hostilities directed at you, which always and at any time can get very badly out of the control of the good human nature, as has already happened 23 times. You should think about that, my friend.

Billy I do already, but what has been said now should be enough, please.

Ptaah I ..., yes, you are right. Then I will make an effort to explain that which I said in my conversation on the 3rd of February, in more detailed explanations and with words that I can assume will be understood. I will begin with explaining once more something worth knowing regarding viruses and bacteria and for certain explanations I will also use the usual terrestrial terms:

To be said regarding the viruses, as I already explained on the 3rd of February, is that they correspond to simple infectious organic structures and therefore are of a completely different nature to bacilli, that is to say, bacteria. Viruses are lifeless structures consisting of one or several molecules, which in certain ones of the approximately 2.7 million species and various forms – such as sphere, rod or tail carrier and so forth – are also surrounded by a protein shell, but are also carriers of DNA or RNA and thus of the information of the genetic material of their proliferation. The molecules existing in the structure are carriers of the deoxyribonucleic acid, that is to say, the DNA, which corresponds to a double-strand, as well as the ribonucleic acid, that is to say, the RNA, which, as a rule, only has one strand, while both of them, however, carry the bases adenine, cytosine and guanine in them.

There is a big difference between viruses and bacteria, because in contrast to bacteria – which are life forms, consist of their own cell, have their own metabolism and thus their own energy production and are therefore capable of protein synthesis – the viruses, which are only 300 nanometres in size, as organic structures display no such abilities and no life at all.

Viruses exist everywhere, but human beings are only befallen by, become really sick or die from a certain small number of the roughly 2.7 million species. Viruses cause infections, for example, HIV/AIDS, severe gastro enteritis, also hepatitis, measles, German measles, commonplace herpes, colds and chicken pox, as well as deadly diseases and rampantly spreading diseases.

Viruses cannot simply be fought with medications, even not with antibiotics, because medications are ineffective against viral diseases. Certain antiviral medications can indeed be used against a few kinds of viruses, but really only against individual/specific ones, which, however, are usually ‘converters’. This means

that these viruses are constantly changing in a genetic-viral form, for example, the influenza virus, which is very flexible in terms of change, consequently new forms of flu are constantly emerging, which always challenge the immune system anew. And this is also the reason why each influenza vaccine only works for one single wave of influenza and therefore only for a certain number of months, but is then completely ineffective for the next generation of influenza. So the constantly changing influenza virus necessitates that it has to be researched annually and the vaccine has to be adapted to its new genetically modified properties/characteristics.

Influenza is not as harmless as is assumed due to the terrestrial human beings' unknowledge, because even if the public does not usually find out that it can be fatal, many thousands of people die every year when the waves of influenza emerge. Therefore vaccinations protect against influenza only for one single occurrence of the disease, thus not, on the contrary, as it is in regard to other diseases in which vaccinations offer protection for years. Furthermore, it is to be said that the immune system cannot adapt to a new wave of influenza quickly and easily and therefore takes a long time to cope with the virus. For other diseases in which the body's own defence can kill a germ, that is to say, pathogens, the organism becomes immune to the corresponding virus in many cases. This means that one cannot be infected a second time with the same pathogen.

If human beings are healthy and thus have an energy-rich, healthy immune system, then this usually reacts very quickly and quite successfully fights viruses that enter the organism. Nonetheless, however, major and life-threatening diseases can be triggered and called forth/caused by viruses. With that it is to be understood – which is unknown to terrestrial medical, immunological and virological specialists – that 'triggered' and 'called forth' correspond to two absolutely different factors. In fact, 'triggered' means that a disease that has accumulated and is dormant in the human organism is activated and breaks out, while in the other case the 'called forth' means that through a new pathogen that has actively penetrated the organism a disease is created, that is to say, 'called forth' and an active outbreak of a disease occurs. Thereby the fact comes to the fore that a disease that has been acute once, however, has undergone recovery but has accumulated as a medically undetectable impulse symptom in the entire organism, has again changed genetically as such or as a result of an impulse-symptom change and is called forth as a new disease. However, this is unknown to all terrestrial medical, immunological and virological sciences, which I will discuss however in more detail later in connection with the coronavirus.

Viruses penetrate not only the organisms and thus the cells of human beings, but also all genera and species of mammals, animals and countless other life forms, as well as plants of all kinds. If viruses do not find any host cells in their environment wherever they exist or in any life form, then they paralytically deteriorate and dissolve in their organic structure, because they cannot die away or die because they are effectively lifeless and are not life forms. Therefore all explanations in this regard by terrestrial 'professionals' that viruses would die off and die in the absence of host cells, correspond to complete nonsense because that which does not exist in the true sense of life cannot become lifeless and also cannot die, but can only deteriorate and dissociate, decompose and dissolve.

Although viruses are lifeless structures, they need living host cells of any kind of life forms for their proliferation. When viruses penetrate a body and dock at host cells, then an infection of the entire organism ensues, as well as a very rapidly spreading proliferation, and the cells rapidly produce structural elements that are required by the viruses. Once the viruses have released their genome in the host cells, then the host cells must unrestrainedly produce multiple virus particles and put them together as new viruses, after which the host cell dies off and egests thousands of new viruses. They immediately look for new host cells, for example, muscle cells, liver cells or others, as well as red and white blood cells and so forth. Once human beings fall ill with viruses, they usually become infectious and transmit the pathogens directly or indirectly to other human beings or possibly also to other life forms.

A recovery from a virus disease does not necessarily guarantee a complete end to the pathogens, because often they are still expelled through infectious substances, for example, as a result of expulsions of excrements, the breath, saliva, spit and expiration droplets, however, also through blood as a result of wounds as well as intimate contact or a moist speech and so forth, which can still occur sometime following an illness.

If a human being becomes infected by the coronavirus – or another virus – and recovers, that is to say, survives the rampantly spreading disease, then this will not be the result of any kind of medication that is beneficial and used directly against the virus and which would kill off the virus. Such medical remedies do not exist because a virus is not a life form, but corresponds to an infectious organic structure that, in

contrast to bacteria, cannot independently absorb food and consequently cannot absorb any medication and has no metabolism. Thus a recovery can only occur by the immune system fighting the whole of an existing virus activity, if it musters the necessary energy and power to prevent the virus in its function in such a form that it falls into a paralysed state in the organism of the human being. Only in this regard can medications with antibodies be useful, if they strengthen the immune system and also make it powerfully defensive, where through the immune system can call forth/cause a paralysis of the virus. In a complete paralysis, a virus can no longer have any effect, because an absolute function-negative state prevents any movement and the virus dissolves in its entire structure and therefore no longer exists. As a result, in the entire organism of the human being – as with other life forms – it follows that if this structural dissolution occurs, the virus can no longer be detected in any form, except if antibodies are formed while fighting certain viruses of the approximately 2.7 million kinds.

When a recovery occurs, as I have already mentioned, it is fact that a disease which has been acute and which one has recovered from, can no longer be medically proven, even though impulse symptoms of the virus have settled in the entire organism. Such deposits, which can be described as impulse-symptom-change, do not show up as pathogens, but, as the explanation says, only as swinging-wave-based impulse symptoms that have super-fine frequencies and can only be determined using appropriate equipment. However, such apparatuses are neither known to the relevant terrestrial technologies and sciences, nor are there any approaches to knowledge about them.

Also, the deposits of the impulse symptoms and their transformation with genetic changes are completely unknown to the terrestrial medical, virological and immunological sciences, and consequently also that these impulse symptoms last for life and can trigger new but changed diseases; in fact not the original ones from which these impulse symptoms originated, but as a result of the changes in genes which are altered and which can attack the organism with a weak immune system. As already mentioned, however, that is completely and absolutely unknown by the entire terrestrial medical, immunological and virological sciences.

However, the explanation does not mean at all that the human being is therefore marked by the virus, because all of it remains only a virus gene modification image, that is to say, continues to exist as a swinging-wave-based impulse symptom in the human organism, in fact without the danger that it could become active again in its original form.

However, this can no longer be determined medically and virologically, and so forth, that is to say, it can no longer be detected because it is effectively a virus-image-symptom and, due to its extremely fine swinging wave, can only be detected by frequency detection equipment. However, currently the entire sciences of the terrestrial electromagnetic technology, medicine, virology and immunology as well as chemistry and so forth, are not yet capable of that and will still not be for centuries.

Only the swinging-wave-based impulse-symptom settles in the entire organism – as is inevitably the case with any viral disease – but these impulse-symptoms survive, indeed without causing any damage. However, that means that under certain circumstances – when the opportunity arises – these impulses can, due to their genetic mutation, promote other and new diseases and help them to break out actively. However – and I have to explain this repeatedly – the entire terrestrial medical, virological and immunological sciences have no knowledge of that, nor do they have any knowledge of how the mutations and new gene variations emanating from the virus are stored as a symptom of impulses in the human organism, and indeed for the life of the human being. It must therefore be made clear that that which is stored is not a pathogen itself, but only an impulse-symptom-swinging-wave that integrates itself into the entire organism. As explained, however, this is not a direct pathogen that continues to exist, but only a dormant factor of impulse-swinging-waves, which possibly can serve as an indicator for the triggering of hidden germs that are present or of new ones penetrating the organism. However, the whole thing can also be such that the original disease, which had arisen from a virus attack and created impulse-symptom-swinging-waves, can be called forth again by a new infection if there is no proper medication and therefore no appropriate vaccination, and consequently a repeated disease of the same kind can occur. Therefore, in this form alone, a susceptibility to further infection of the same kind or to a similar or a completely new illness can be predefined, if an infection is not prevented as a preventive measure by an appropriate vaccination, in which case germ-appropriate vaccinations may have to be repeated from time to time. This is because with certain vaccinations their effectiveness wears off after a certain time and a routine refresher must take place, for example, a tetanus vaccination which, depending on the state of the immune system, loses its protective effect after 8 to 10 years. An initial immunisation for tetanus therefore does not mean that it would provide

a lifelong protection against the lock jaw bacteria. In my opinion, all of this, my friend, was still to be explained, with which now everything that is necessary should have been described, in order to prevent further excesses of irrational interpretations, anxieties and theories.

Billy Everything you have explained should really suffice now. On the other hand, however, it will be the case that the majority of the so-called professionals – for example, general practitioners and other medical professionals, virologists, immunologists, chemists and all kinds of know-it-alls as well as wisdom-squibs and so forth – in their narrow-mindedness will all-knowingly dispute everything and will condemn everything to the realm of imagination and illusion.

Ptaah That will be the case, because the know-all-ism, as you rightly call the behaviour of such terrestrial human beings, corresponds to a delusion of arrogance and a self-opinionatedness and claiming to be in possession of an all-knowingness.

Billy That is well said, but what I would like to add to this is that such earthlings consider themselves to be smart-alecks and smart-clever ones, but in reality they are just knockers who have low-intelligence, impudent ones as well as cavillers, hair splitters, pedants and quibblers as well as paragraph riders and just know-it-alls, as you have said. However, basically they are nothing other than equivocators, criticasters, principle-riders and naggers. And that is probably all that is to be said about it.

What I still have here is this advertising letter, 'Corona virus: bacteria are virus catchers' – Interview with Dr. Anne Katharina Zschocke. If you want to read this advertising stuff and give your opinion on it?

Ptaah I can do that ...

It is incomprehensible that such half-truths and partial senselessness are allowed to be spread. The very nonsense, 'There are no good and no bad bacterial strains, none that make you sick or that make you healthy, and certainly none that attack anyone. Microbes also do not fight each other either,' and so on, is so absurdly nonsensical that the prospectus is not only maliciously misleading, but should be prohibited. To that I see myself prompted to explain a few things:

The mere claim that there are no good and no bad strains of bacteria corresponds to a brazen lie, because some bacteria are good and useful, while others are bad, harmful, even dangerous and deadly. Fundamentally, however, the good bacteria are much more useful for the health and well-being of all life forms than the harm bad ones call forth!

With regard to humans alone, bacteria are both useful helpers as well as pathogens, which in a number of well over 100 million-million (On the 22.08.2011 it was decided with Billy, not to use 'trillion' for the German term 'Billion' and not to use 'billion' for the German term 'Milliarde' as it can lead to confusion. Therefore the German term 'Milliarde' (1000 million) should be translated as 'thousand-million' (<http://dict.figu.org/node/9250> and the German term 'Billion' should be translated as 'million-million' <http://dict.figu.org/node/9248>.) per human being populate his/her entire organism as tiny, nasty and harmful pathogens or as good and even very necessary and vital life forms, beginning from the skin right into the heart and all organs in total, the most important bacilli-carrier-factors being the intestine and the stomach.

There are also numerous bacteria on the skin of the body, namely a million-million, which form a protective film and normally ward off pathogens, as I already explained on the 3rd of February, in connection with disinfectants, which kill the essential skin bacteria when disinfecting hands with disinfectants. Most bacteria, however, are predominantly located in the large intestine, whereby they break down food residues in it and therethrough support digestion.

Good and useful intestinal bacteria, such as lactic acid bacteria and bifido bacteria, are directed at displacing bad and disease-causing bacteria, and additionally they help with breaking down food and form short-chain fatty acids, which in turn provide the intestinal mucosa with energy.

On the one hand, bacteria are pathogens, such as Salmonella, especially with regard to colds and other infectious diseases. Most strains of bacteria are harmless or even do good and essential things, consequently human beings – like all other life forms – could hardly live or not live at all without bacteria. Already the skin alone, which covers the entire body, is protected by a dense bacterial film comprising a million-million units. This while other million-million bacteria in the stomach and intestine digest the food. All bacteria display different peculiarities, which I would like to list as follows:

- 1) Microscopically bacteria are smallest life-forms.

- 3) Bacteria are monads.
- 4) Bacteria have a metabolism.
- 5) Bacteria can reproduce by themselves, that is to say, procreate.
- 6) Bacteria can be up to a hundred times larger than viruses.
- 7) Bacteria multiply by means of cell division.
- 8) Bacteria have manifold forms, for example, coccal, rods or spirals.
- 9) Bacteria consist of one single living cell.
- 10) Under the right conditions, bacteria multiply with tremendous speed.
- 11) Bacteria are extremely adaptable and quickly adapt to any situation.
- 12) Bacteria are aerobes that require oxygen.
- 13) Bacteria are anaerobes that require no oxygen; some can do both.
- 14) Bacteria can cope with temperatures that are either extremely low or high.

There are many kinds of bacteria, however, the majority is not connected to the human being and therefore has no relationship regarding his/her health and existence, nor regarding his/her life.

The majority of all kinds of bacteria correspond to natural 'peaceful' and useful forms, while only a small number of them cause diseases, suffering and death, which, however, can be very violent in this regard. Many other bacteria are hermaphrodite cells between good or bad, causing problems only under certain conditions, for example, when they multiply too much, when any kinds of changes occur, their environment changes, or when a host organism becomes weak and so forth.

The bad and vicious bacteria naturally include the pathogens, namely especially the Escherichia coli germ, which causes serious infections in the gastrointestinal system as well as in other parts of the body. Then there is also the salmonella, which cause severe diseases as a result of poisoning, such as typhoid, paratyphoid and enteritis, that is to say, inflammation of the intestine, which in severe cases can only be combated with antibiotics. Caries is also caused by bad bacteria, but there are also various staphylococci and streptococci to be mentioned that cause skin infections and mucosal infections, namely both in children and also in adults. And also in immunoincompetent human beings, for example, the bad gram-positive bacteria cause infections and severe and dangerous inflammations. Those were the explanations that I still wanted to give.

Billy Thank you for your statements and explanations. Then I still have a question about wearing protective masks against the coronavirus. Even though you have already said much about it recently, I would like to know to what extent and where it makes sense to wear such masks in the near future.

Ptaah I have already explained what makes sense in this regard, but I am happy to repeat and explain it again:

If protective masks against infections from pathogens are to be worn, then it only makes sense if they are specially made for them and, accordingly, their design, density and appropriate filtering fulfil the purpose of preventing infection. Fundamentally, such products actually only correspond to medical masks, but suitable valuable masks can also be used as protection to prevent one's own secretions by mouth and respiratory organs at closer distance and with regard to transmission to other persons, as also secretions from the mouth and respiratory organs of other persons are blocked by suitable valuable masks. However, such simple masks do not protect against viruses and bacteria, because if this purpose is aimed at, then this requires appropriate medical masks.

Simple protective masks, as I have called them, can of course be worn anywhere, but it is senseless and pointless if they are worn everywhere outdoors and no other persons are around or only those who are widely scattered and stand several meters apart.

Wearing high-quality protective masks only makes an effective sense if they are also used sensibly, but this cannot be the case if they are used in the described form in daily life.

A necessity only exists for busy pedestrian traffic on the street and in buildings used by numerous persons and so forth, precisely where it is necessary, for example, in clinics, places of supply such as food shopping places of all kinds, for essential community activities with several employees, as well as for conversations in small circles or other small groups of persons, for gatherings of human beings, or in the close or narrow area of those befallen by diseases or rampantly spreading diseases, may it be in rooms or outdoors.

But now, Eduard, I have to go if you do not have anything else to discuss?

Billy No, I have not, but thank you very much, and Bernadette will process what you have explained and pass it on to all FIGU members, after which it will also be put on the internet.

Ptaah Then it should be our entire conversation without anything removed.

Billy You mean that the entire contact report ...?

Ptaah That is the sense of my statement. But now, Eduard, my friend, now I really have to go. Good bye.

Billy Okay, so be it. See you later, thank you and good bye.

Source: 'Billy' Eduard Albert Meier, FIGU, Semjase-Silver-Star-Center, 8495 Schmidrüti, Switzerland.
Translation: Vibka Walder, Australia; corrections: Vivienne Legg, Australia, and Christian Frehner, Switzerland.