2-11-1930

BELBANK 600 BURLEIGH DRIVE PASADENA Dear Di Rife :-The second letter just arrived from DE Kendree, and as I have Early tomorrow morning that to forward it as have . have what he says about Earing the beat of your corainene potent for the parple balis - do it as you did The typhen'd potient in chargo with DEK-How ald recome be a good fellow + write Arthur Journey he is wild to hear are about this work of your for Know how you would get if he had found something of consuming incaret & did not till your tout it - Son place write him & the him directly what you are doing - you can trust him not to till. In heat Sincerely your find There after ,

November 9, 1931

My dear Mr. Rife:

In the name of the other three gentlemen and myself I want to thank you for your most courteous reception and for giving us an opportunity to have a glance of your wonderful microscope. I want to say to you that we all spent one of the most instructive and interesting afternoons of our lives in your laboratory.

Opon returning to San Diego that evening I wired to Dr. Arthur I. Kendall of Chicago and gave him a brief description of what we had seen and our opinion of it, and upon my return to Pasadema this morning I received the following telegram from Dr. Kendall -"Expect to start for California Saturday night. Letter follows".

If he comes straight through, which I think he will, he will arrive in Pasadena on Tuesday, November 17 so be sure and have your microscope in perfect condition for the Big Chief when he arrives. - will bring him down to San Diego in my cer at which time you and Dr. Eendall can make such arrangements as you desire.

courtesy, I am

Yours very sincerely, Williebaul

Mr. Roy Hife 2500 Chatsworth Bldg. San Diego, Calif.

BOO BUILLICH DRIVE EAN PAPAEL NEIGHTE PARADENA

December 8, 1931

My dear Dr. Rife,

After talking with you I called up Mr. Babcock at Pasadens and he said his machine was set on another grating and it would be impossible for him, at this time, to change it.

I spoke to him about marking the grating in the next one and he said that you would have no trouble in finding the grating if you would hold the slide as directed in his letter and move it carefully back and forth, ad you would find a point where a perfect spectrum would be made by the light, and you would get a beautiful play of colors at the spot where the gratings were made.

Mr. Babcock said that he had examined them very carefully before sending them to you and that there were no particles inside the Light, that all had been removed. He said that the slides were beautifully cut, the lines were perfectly smooth, but he did say some of the lines on one end of the grating were a little deeper than at the other end.

He said to be sure and follow his letter very carefully. He expected you to have trouble in photographing the slides with transmitted light. Remember there are two gratings. The coarser one being exactly one light wave length apart, and the finer one being exactly one half of a wave length mart.

He also said that you would probably have to have some kind of fide illuminator in order to get a good view of these lines. I do not understand this at all because if you get a fide illumination you get a spectrum. However, it is your problem to work out. It is way over my head and I will have to leave it to you to use your own devices. Follow his letter very carefully. He placed great stress on that.

I shall be very such interested in knowing the result of your work so let me hear from you as soon as you have anything definite to report.

Yours sincerely,

BOO BURLEIGH ORIVE

January 19, 1952

My dear Dr. Rife,

It has just occurred to me that you might follow and gain from my experience. I have just read the section of the tubercle bacilli group, human, bowine, and avian, in Dr. Kendall's book.

There is so much in that that I did not know that it might be a good plan for you and I both to brush up on tubercle bacilli before Dr. Mellon arrives here so that we wont be altogether ignorant and will be able to follow him. This is just a suggestion. There is one particular section on the chamical composition of the tubercle bacilli which might be valuable to you in analyzing the germ for your polarization work.

I had a brief note from Dr. Mellon yesterday in which he said that he would be here shout the first of February with his whole menagerie of germs so please make your plans accordingly.

I have not heard from Dr. St. John but I do hope that you have sent him the drawings and the grids that he requested.

Yours very sincerely,

micourd John

Dr. Royal R. Rife 2500 Chatsworth Blvd. San Diego, Calif.

SAN BAFAEL HEIGHTS

Junuary 56, 1932

My dear Dr. Bife,

Shortly after you left my office yesterday, I received a letter from Dr. Wellon in thich be supe that he does not expect to arrive here until about February 15, so you asy still have plenty of time to get your new microscope ready. I hasten to tell you so that you may not be inconvenienced. I will keep you posted 12 there is any change in this program.

Yours very sincerely,

Jack same - Tores

Dr. Royal R. Rife 2510 Chatsworth Blvd. San Diago, California

SOD SUNLEIDH DRIVE SAN RAFAEL HEIGHTS FERADENA

February 19, 1982

My dear Arthur,

Dr. Rife and Dr. Mellon have just concluded their experiments with the filterable form of tubercle bacilli. Dr. Rife with his usual patience and helpfulness stayed by the guns from start to finish and succeeded in demonstrating the filterable form in a very conclusive way.

Tou might be interested in knowing that the filterable form of tuberule bacilli are a red, not quite an eosin color - a wee bit darker but still clear and distinct a red. The rods even being this color. There was one slide, however, that Dr. Mellon gave to Rife in which there were a few of these red circular bodies which of course as you know are non-motile. After the work was all over Dr. Mellon said that these bodies were taken from an unplanted control in Medium K. This was rather confusing. Whether or not a mistake was made I do not know.

Dr. Mellon's specimens were brought here in sealed test tubes with the ends drawn togethar and fused and carefully labelled with typewritten labels. They were, however, prepared by someone else in his absence. As to whether there was an error in this control tube I am not prepared to say but I think there was. He had some very peculiar ways of labelling his tubes and they were all old cultures, had not been recently incubated, in fact were not incubated during his stay here at all. His Medium K, to my mind, was not a Medium K. While he apparently used the same method of preparing the base of this Medium K that you use and it looked just like your Medium K, he added to your mixture glucose, glycerine, and asparagin. With the carbohydrates such as the glycerine and the glucose, it seems to me that the whole purpose of the Medium K was defeated by such additions.

As a matter of fact the rod form of the tubercle bacilli were found in all of his filtrates after growth showing that there was not a tremendous lot of inducement for the least of the rods to change to the filterable form. Aside from the finding of some of these red filterable bodies in the control specimens, the experiments were perfectly successful. Of course in Dr. Mellon's opinion who naturally has faith in his cultures, the finding of these bodies in that control tube vitiated all of the rest of the work.

His attitude of working with a man like Hife differed very materially from your attitude, namely - that of mutual helpfulness. While he did acknowledge that there must be something to this absorption of certain rays of light as demonstrated there, he seemed to be more desirous of preventing definite results from being gotten than he was to aid in getting them. Of course I may be prejudiced in your favor but I like your method better. I think it will get farther in the long run and is equally safe.

Rife has made a very beautiful new microscope which he brought along with him but it has so many bugs in it yet that have not been worked out that we could not get very satisfactory results with it. However, as the old microscope had not been disturbed we got all of our satisfactory regults with it in the latter part of the experiments.

Of course we had many discussions with Mellon during the course of the experiments and he talked a great deal about how long he had had these filterable forms, I think he said something like fifteen or twenty years. He was very enrious to impress us with his wonderful knowledge of filterable forms and how long he had worked in this regard and how many papers he had prepared in this line. We let him talk and say what he liked to say and we said very little in return.

The conclusions that both Dr. Rife and I came to after the experiment was all over was that there was unquestionably a filterable form of tubercle bacilli, that in his culture medium grow equally well the filterable and non-filterable form.

I am inclined to think that his cultures seemed to be at times contaminated with other organisms because some of his cultures unquestionably contained many motile bodies. Of course there may be varied forms of the tubercle bacilli. The time was too short and the opportunity did not present itself for any re-culture work.

I guess Dr. Rife will write you himself on the subject so you will get both view points.

There was no unpleasantness of any kind during the whole list of experiments. Dr. Foord and the Hospital were just as courteous as they could be and everything want along beautifully.

I hope that you will see your way clear to come out for ewhile this Spring and go on with some of this work but don't forget to bring some filters along with you when you come.

Very sincerely, your friend,

Second Kry Adde in Apresses in

MILEANK JOHNSON

Dr. Arthur I. Kendall Medical School Borthwestern University Chicago, Illinois

February 25, 1952

My dear Dr. Rife,

I called up the Metlox Factory today and talked with Mr. Thomas Warren, the man who made your ultra violet light for the microscope and submitted the following figures to him:

Jefferson Transformer, Serial #99-6109 Catalogue #938-195 Primary Volts 110-120 Cycles 60 Capacity vs 100 Secondary Volts 5,000 S. P. C. W. A. 15

Warran says that this transformer will work O. K. on that conductor. He calls especial attention to the fact that you will have to take the glass lense off the front of it or you will get no ultra violet emanations. To get the best results there should be a quarts substituted for the glass.one.

I am sending you today under separate cover a secondary cord to be attached to your transformer with a fitting on the cord to fit the handle of your instrument.

Mr. Warren expecially cautions - the voltage on this light will be 5000, which is dangerous and great cars must be used by you. Second, never pull the plug out of the handle while the current is on.

Put a reliable switch in the primary circuit and be sure that the switch is open before you pull out the plug or otherwise monkey around the business and of this machine. He says, "Be sure and tell Dr. Rife that there is not joks about this and to be sure and follow directions explicitly or somebody will be hurt."

Yours sincerely,

+ 0 80 +

Dr. Royal R. Rife 2500 Chataworth Blvd. San Diego, California

600 BURLEIGH DRIVE BAN RAFAEL HÉIDHTS RASADENA

Apr11 27, 1952

My dear Dr. Rife,

I am anxious to communicate with Mr. M. H. Timken. Will you, therefore, ascertain for me what would be his mailing address at this time.

How are you getting on with your microscope? I have not heard from you in so long I am anxious to know how everything is going. You told me that you were coming up to Los Angeles shortly after Mr. Timken went. If you expect to be up in the near future please let me know.

I will be down in San Diego where I speak at the annual meeting of the Tarpayers' Association on the evening of May 4. If it would not hore you too much you can come down and hear what I will have to say and I will have a chance to chat with you at the same time.

Yours very sincerely. Tuica-

Dr. Royal R. Rife 2500 Chatsworth Blvd. San Diego, Calif.

SAN RAFAEL HEIGHTS PERADENA

May 7, 1932

My Dear Dr. Rife,

In accordance with your request I have interviewed Dr. John F. Kessel, the head of the Bacteriology Department of the University of Southern California. I proposed to him, as you requested, that you bring your microscope to the University and work with him a few days with it and have them test its capabilities. He told me that nothing would give him more pleasure but that he would first have to discuss with Dr. McKibben, the Dean, before he said definitely. Dr. McKibben was also delighted as he telephoned me last night and they are ready to go ahead with these tests. He wanted to get some work that he had on his hands off so that he could devote more time with you. He, therefore, saked if next Friday, May 13, would be astisfactory to you, or Saturday would be all right if you would perfer it.

Please let me know and I will make definite arrangements as to time. I think it best for you to accept this invitation at this time, if it is possible, so as not to get in too close to the hurry and confusion of examinations and commencement the last part of May and the early part of June.

I told him that you thought it would take possibly two or three days to do what would be required. He said to ask you if you could bring your little camera along as he would like to take comparative micro-photographs of the same specimens with both the ordinary microscope and with yours believing that they would be more convincing than any personal opinion that either may have. Of course they have all the facilities out there for developing the pictures but if you have your own developer you better bring it along.

Yours sincerely,

Wiltend John

Dr. Royal R. Rife 2500 Chataworth Blvd. San Diego, Calif.

SOC BUHLEIGH DRIVE SAN MAPAEL HEIGHTS PASADENA

May 11, 1932

My dear Doctor,

Dr. Arthur I. Kendell is coming West to receive from the University of Southern California the degree of Doctor of Science. As he will be my house guest at that time I am giving him a little stag dinner Friday evening, June 3, at seven o'clock, at my residence 600 Burleigh Drive, Pasadens.

I am hoping very much that you will be able to sttend this dinner. Please let me know if you can come.

Sincerely,

Dr. Royal R. Rife 2500 Chatsworth Blvd. San Diego, California

The rest of the "fang" will be three as SOO SURLEIGH DRIVE SAN NAFAEL HEIGHTS PASADENA

August 2, 1932

My dear Dr. Rife,

I sent you under separate cover a Rinley (?) rotating prism. Dr. Heitger did not have any except those attached to a big head frame with a double prism in it which he uses for examination.

I borrowed this one from a wholesale house and I am sending it to you for experimental purposes. If it works accept it. Let me know and I will pay for it. If it does not work, send it back as soon as you can.

Yours very sincerely, Tuella

Dr. Royal B. Rife 2500 Chatsworth Blvd. San Diego, California

I know that this ustrement is not prop-Why Colibrate, but it will show you whater a glass prism will do the work

BOG BURLEISH DAVE

By dear Mr. Ott,

Replying to your letter of August 15 inviting no to call upon you and new your factory at Buffele, I an sorry to say that it will be impossible for no to make my plans fit with your request. I have to preside at a measion of the Mational Tax Association in Columbus, Ohio on September 15, and as I only arrive in New York by stemmer on September 12, you can readily see that I cannot go to Buffalo before the meating of the Mational Tax Association.

Rowever, I will have with as both the Rife monoshromatic light source and his new objective that converts the ordinary compound microscope into a three thousand diameter instrument so as to make visible the filterable forms of hectoris in color "without staining".

I think it would be better to meet you in Chicago at Dr. Kendall's laboratory. Thure he has microscopes and also an unlimited supply of these filterable forms of bacteris. Then you can see the apparatus actually at work and judge better its possibilities and its difference from the ordinary equipment.

I will arrive at the Brake Hotal in Chicago the morning of September 17. I hope that you will meet as there for there is a great deal that I would like to say to you. This seems to be a providential opportunity both to nest you and at the same time to demonstrate to you this new superstus. If the above arrangement is satisfactory to you, plause write to my office in Los angeles and my secretary will eog unicate with me.

Hoping to see you in Chicago, I an

Yours very sincerely, Milbank Johnson (Signed)

Mr. B. M. Ott , President Spencer Lens Company Buffalo, New York

July 28, 1952

My dear Dr. Rife,

I am sanding you, under separate cover, a copy of "Devils, Drugs, and Doctors" which I have found most interesting. Historically it is accurate and highly instructive, but from your angle I think it will be very very interesting. It is very conclusive from the history of medicine and surgery going back to the old Greek days telling how every improvement and discovery has been met by the most violent possible objections, religious objections, as well as any other excuse has been made to prevent the acceptance of any new discovery. Gelileo was not the only one who suffered for being shead of his time. Please accept this book with my compliments but I do hope that you will read it. It is not very good to pass around to a Sunday school class but I don't believe that its contents will hart you. You are probably sufficiently hard boiled by this time not to permit a thing like this to upset your balance. However, it is historically accurate and highly informative.

I sent a photostatic copy of your letter from Dr. Rosenow to Dr. Kendall. I received a letter from him yesterday and while he does not mantion receiving that Rosenow letter, he does say that Rosenow had promised to write to him and had not done so up to that time.

He said in his letter that he had not heard from you since you returned to San Diego and asked me if you were offended or just a natural born poor correspondent. I hastaned to tell him that you were not offended and that you had a darn good time in Chicago but that you were so busy trying to get your stuff together so that when you want back to Chicago you would be able to supply a better Armamentarium than you had at the last trip so that you would be able to do more work, but that there was no doubt that you were a real rotten correspondent; and while personally I had nothing to complain of, you chucked most people's letters in the waste basket without even looking at them. You must not do this anymore. Remember that you are grown up now and these childish tricks will only make enemies for you. You should appoint Mrs. Rife as your private secretary with instructions to open all of your muil and bring to you such letters as she things you ought to see,

SAN BAFAEL HEIGHTE PARADENA Reply to everything because that is just common politeness and under ordinary circumstances you are the most polite man I know. I know that intentionally you would not offend a kitten. Fame and greatness may be distanteful to you but they are a cross that the great must carry because admiration and respect, if neglected and scorned, lead to hatred and vilification and no man can stand the loss of friends.

Excuse my philosophy. It is just the result of observation through the microscope of life. I have looked through a lot of things with that kind of a microscope, and like myself, you have undoubtedly seen some things that maybe the rest of the world has not seen.

When are you coming up to Los Angeles again? I had my teach out last Saturday and here it is Thursday and it is about the first day I have been able to come to the office to do anything. I never had anything knock me out so completely as this has done. However, I am all right again and in a few days I hope to forget my unpleasant experience.

Very sincerely, your friend, Tuce

P.S. If you have an opportunity, look at the Journal of the American Medical Association, Vol. 99, #1, July 2, 1952, page 67 and read the report on Dr. Kendall's paper given at the annual meeting of the Association of American Physicians at Atlantic City. Knowing what I do about the work that you two have done, I think Dr. Zinsper's discussion is very weak. Dr. Kendall's reply to him at the bottom of his closing of his discussion when he quotes Lucretius who, in the year 50 B.C., wrote of germs existing in two states, one of which was insoluble, was certainly a rebuke to him that he will remember for the rest of his days.

October 6, 1952

My dear Doctor,

Inclosed please find a clipping I just took out of the Los Angeles Examiner which will probably interest you.

Your telegram said that you ware going East but you did not say how long you ware going to stay or what you ware going for so I am addressing this latter to San Diego with the request that it be forwarded to you. If you are in San Diego I should like vary much to see you and discuss with you what I did with the Spancer Lens people. I asked Dr. Kendall to try and get in touch with you back East.

Let me hear from you so that I may know something of your plans and I will write you fully about the whole situation.

Sincerely your friend, Thieso

Dr. Hoyal H. Rife 2500 Chatsworth Blvd. San Diego, Calif.

BOD BURLEIGH DRIVE BAN RAFAEL HEIGHTS PASADENA

October 25, 1952

My dear Dr. Bife,

I received your very welcome letter yesterday. I had just been thinking about you and wondering where in the world you were. The last I heard from you you were just about to start for Canton.

I am sorry that Mrs. Rife has had such a hard time. I hope she will be very much better on account of the operation. I know you told me she was to be operated on in San Diego. I suppose you must have changed your mind for some good reason.

If you can get away for a night scortine scon come up and stay at the house. There are lots of things I would like to talk over with you. Don't think for one minute that the California Tech. people have capitulated. They are just as much opposed as ever to anything that does not originate there.

If you can come up in the near future, let me know the day before and we will arrange to have a good long chat. Did you do anything with the Spencer people. I started the ball rolling and I am anythous to know where it landed.

Icurs very sincerely Willow

Dr. Boyal H. Rife 2500 Chatsworth Blvd. San Diego, Calif.

BOG BURLENSH DRIVE BAN RAFAEL HEIGHTE PARADENA

November 12, 1932

My dear Dr. Rife,

I have just received your very welcome letter of November 10 in which you say you can come up to Los Angeles next Tuesday. I am hastening my reply to say that Tuesday will be perfectly satisfactory to me. Come by the office when you have finished your shopping Tuesday and go out home with me and stay all night.

Hoping to see you soon, I

....

Iours very sincarely, THUS

Dr. Boyal R. Rife 2500 Chatsworth Blvd. San Diego, Galif.

BOD BURLEIGH DRIVE BAN RAFAEL HEIDHTE PABADENA By dear Arthor,

Dr. Hife and I are not sliting in my office. He stayed all night out at Belbank last night. We have had a good long talk over many things so I thought that this sorning shile everything is froch in my mind I would write you about it.

Before we want to bed the foctor and I were discussing in a good doul of dotall some of the life cycles of the protosan tribe. After this rather lenghty discussion I wunt to had but could not go to alsop without thinking. When I did go to alsop I continued to work on and in my draws I found the Rife Laboratory all built in Son Diago and you and Rife and I work all working in it. We were working on malaris and we were studying the phenomena of the disappearance of the malaris organisms from the red blood corpheolesisitar the onset of the chill.

We thrught that the protons sight have some selective affinity for colors with the monochromatic light of the hife primes and we had found this to be true. Therefore, after watching very carefully for a long time unner the roy of light that was most confortable for these organisms, we found that these protons in the corputate before the selecte of the chill practically exploded at that period like sporescarp sending out a shower of granules into the plasme of the blood of these minute spores which later all re-entered the corpuscies and gree until that life cycle came back to its point of beginning.

All three of us had lots of fun. Of course I know that you and Rife did not enjoy this work very much because somehow ar other you were just there, but the draws was so vivid that I am repeating it to you. Rife is much interested in the draws and he is going to see whather or not dreams to contrary. /erhaps these spore like bodies which were thrown off by these adult organisms in the esepusales may be related rikettale.

As the human body is so much easier to study, feed, and house than the louse it sight be a good idea to use the bound being in this case. Anyhor Dy. Rife is out with his not trying to enumare a malaris patient, throw his down, take some of his blood away from his, and now if so down actually see the drawn phenomena take place.

He told as proverbing this sorning that I was very much surprised to hear and thes was that he can see the spirochasts pallids without the dark stage under the proper illusination with the prises. This gave as hepe that maybe sy dream was not as far aff as it sight have been and it is right along this line that you are now doing with the spirochasts.

Dr. Fife also said that he would like to receive from you, if there was any way of shipping it, a culture of the strain of spirochasts that you are using so that he can do some experimenting with thes.

Heving seen in the paper of your announcement in Hilvankse of the cold gars, ir. hifs wants to get a culture of the filterable form of this cold gars from you. Seal up some and sond them to him so that he con go on and get their optical index number and save you a lot of time in the future.

We certainly missed you last night. You should have been in our "-lk feast. We had a lot to talk about and it was really like a revival of old times, mobody also around, just choosing the rage until we had lint on the lung.

As my official netrologer was is especially suplayed to translate my dreams, I expect you to some back with a solution of what the handwriting on the wall means. Dr. Rife who is sitting here grinning at the asiminity of this letter uends his vary best regards to you. We both hope that the lines of fate will bring all three of us together in the near future when we can give to the world something brand new.

Very sincerely, your friend,

Wilbank Johnson (Signed)

Dr. Arthur I. Kendell School of Medicine Northwestern University Chicago, Ill. PAGIPIC HUTUAL LIFE BLDG.

November 25, 1932

My dear Dr. Rife,

I am inclosing a letter that I just received from Dr. Kendall in answer to the letter I dictated while you were hare. After you have finished reading it, I would like very much to have you return it to me for my files.

I am wondering if you have been able to find any malaria patients down there. If you can not find any I will see what I can do up here.

Yours very sincerely. Mile

Dr. Royal R. Rife 2500 Chatsworth Blvd. San Diego, Calif.

BOO BURLEIGH DRIVE BAN RAFAEL HEIDHTB PABADENA

Movember 28, 1952

My dear Dr. Rife,

I am just in receipt of your latter of November 26 and I immediately got hold of a Los Angeles Times and saw what Sutton had to say. I am not quite sure that a thing of this kind is worth answering. It might be if it had appeared in the scientific press but we can not try scientific problems or cases in the lay press. Truth will out. They can't keep it down anyhow, so why worry about it. Let us go right on working and let the layman believe what he wants to. Perhaps you will be able to "fool"some photograph plates with the filterable form.

I am not much of a Bacteriologist but I certainly was very much surprised to learn that the things you and Arthur were working with turned out to be Shiga's bacilli and I thought they were B Typhosus. They are not the same things at all, one being motile and the other non-motile. Just because Wyckoff could not get any sign of them on six thousand feet of film does not mean anything in the world to me. I am going to send a copy of this page of the Times to Dr. Mendall for his edification.

I am leaving for San Francisco tomorrow night, Nov. 29, and I will be back on Dec. 5. I will be glad to see you any time after that. If you can get some good pictures bring them up with you and don't forget that guitar that you promised to bring up, the one hundred string one.

Remember that any time after Saturday morning I will be home and I will be glad to see you.

Yours very sincerely, Turesan

Dr. Royal Rife San Diego, Calif.

SAN RAFAEL HEIGHTS PASAGENA