BEFORE THE PRESIDENTIAL SEARCH SUBCOMMITTEE INDEPENDENT CITIZENS' OVERSIGHT COMMITTEE OF THE CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE ORGANIZED PURSUANT TO THE CALIFORNIA STEM CELL RESEARCH AND CURES ACT REGULAR MEETING

DATE: MONDAY, AUGUST 1, 2005 3 P. M.

REPORTER: BETH C. DRAIN, CSR CSR. NO. 7152

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LOCATIONS: STANFORD UNIVERSITY JAMES H. CLARK BLDG. ROOM S-363 318 CAMPUS DRIVE WEST STANFORD, CALIFORNIA

> UC IRVINE NSI 3134, BLDG. 517 NATURAL SCIENCES 1 IRVINE, CALIFORNIA

330 PLAZA STREET HEALDSBURG, CALI FORNI A

NORTHSTATE CARDIOLOGY CONSULTANTS CONFERENCE ROOM 198 COHASSET ROAD CHICO, CALIFORNIA

CEDARS-SINAI HOSPITAL ROOM 207 PLAZA LEVEL (NORTH TOWER) 8700 BEVERLY BOULEVARD LOS ANGELES, CALIFORNIA

GENOPTIX, INC. CONFERENCE ROOM 3398 CARMEL MOUNTAIN ROAD SAN DIEGO, CALIFORNIA

11 SQUANTO DRIVE WEST CHATHAM, MASSACHUSETTS

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| 1 | I RVI NE, CALI FORNI A; AUGUST 1, 2005 |
|----|---|
| 2 | |
| 3 | CHAIRMAN KLEIN: WELCOME, EVERYONE. WE HAVE |
| 4 | PARTICIPANTS IN SEVEN LOCATIONS ON THE CALL. WE'RE |
| 5 | HERE AT STANFORD. ARE WE ON-LINE WITH SAN DIEGO? HOW |
| 6 | ABOUT CAPE COD? HOW ABOUT CHICO? CAN ANYONE HEAR US? |
| 7 | LET ME TRY AGAIN. HEALDSBURG? SAN DIEGO? CHICO? |
| 8 | L. A. |
| 9 | DR. MEYER: HERE. |
| 10 | CHAIRMAN KLEIN: CAPE COD? WELL, PART OF US |
| 11 | ARE WORKING. |
| 12 | MS. INGELS: IRVINE IS HERE. |
| 13 | CHAIRMAN KLEIN: IRVINE. OKAY. WHO JUST |
| 14 | JOI NED? |
| 15 | DR. NOVA: SAN DI EGO. |
| 16 | CHAIRMAN KLEIN: THANK YOU, SAN DIEGO. |
| 17 | DR. NOVA: WE ACTUALLY HAVE A PHONE THAT |
| 18 | WORKS. WE'RE DOING BETTER. |
| 19 | CHAIRMAN KLEIN: ALL RIGHT. LET'S DO THIS. |
| 20 | MAYBE WE CAN HAVE A ROLL CALL AND SEE HOW MANY OF THE |
| 21 | PARTICIPANTS WE HAVE WITH US. AMY DUROSS, WOULD YOU |
| 22 | CALL ROLL, PLEASE. |
| 23 | MS. DUROSS: SURE. JANET WRIGHT. BOB |
| 24 | BIRGENEAU. DAVID MEYER. |
| 25 | DR. MEYER: HERE. |

| 1 | MS. DUROSS: SUSAN BRYANT. |
|----|--|
| 2 | MS. INGELS: ON HER WAY. |
| 3 | MS. DUROSS: MI CHAEL GOLDBERG. |
| 4 | MR. GOLDBERG: HERE. |
| 5 | MS. DUROSS: BOB KLEIN. |
| 6 | CHAIRMAN KLEIN: HERE. |
| 7 | MS. DUROSS: RI CHARD MURPHY. |
| 8 | DR. NOVA: ON HIS WAY. |
| 9 | MS. DUROSS: WHO JUST JOINED? |
| 10 | DR. BI RGENEAU: BOB BI RGENEAU. |
| 11 | MS. DUROSS: TINA NOVA. |
| 12 | DR. NOVA: HERE. |
| 13 | MS. DUROSS: PHIL PIZZO. |
| 14 | DR. PIZZO: HERE. |
| 15 | MS. DUROSS: JOAN SAMUELSON. |
| 16 | MR. HARRISON: QUORUM IS EIGHT, BOB. |
| 17 | CHAIRMAN KLEIN: OKAY. WHILE WE'RE WAITING, |
| 18 | I WOULD JUST LIKE TO REMIND THE PUBLIC IS THERE |
| 19 | PUBLIC AT ANY OF THE SITES? NO SITES WITH PUBLIC? |
| 20 | FOR THE RECORD, IF THE PUBLIC ENTERS, WE'LL |
| 21 | REMIND THEM THAT PUBLIC COMMENTS ARE LIMITED TO THREE |
| 22 | MINUTES. |
| 23 | AND PERHAPS WHAT I CAN DO WHILE WE'RE WAITING |
| 24 | FOR THE QUORUM IS JUST INDICATE THAT WE HAVE HAD |
| 25 | SUBSTANTIAL PROGRESS SINCE THE LAST MEETING. SINCE THE |
| | |

LAST MEETING THAT WE LEFT, WE HAD TWO -- THREE MAJOR 1 2 ISSUES FACING US, AMONG OTHERS, BUT THE THREE PIVOTAL 3 ISSUES WERE, ONE, GETTING WORKING CAPITAL TOGETHER FOR THE NEXT YEAR. AND THANKS TO THE DOLBY FAMILY, WE HAVE 4 5 ACCOMPLI SHED THAT. WE HAD A LEGISLATIVE CONSTITUTIONAL AMENDMENT 6 THAT CREATED A SUBSTANTIAL UNCERTAINTY, AND WE HAVE A 7 8 WORKING PARTNERSHIP NOW WITH THE LEGISLATURE. 9 AND THE THIRD ITEM WE'RE GOING TO DISCUSS TODAY IN PUBLIC SESSION, WHICH IS THE SCIENTIFIC LAB 10 ISSUE AS IT RELATES TO THE PRESIDENT. SO WE'RE MAKING 11 12 QUITE A BIT OF PROGRESS. AND OBVIOUSLY FOR THE PUBLIC RECORD, WHICH 13 THE PRESS ALWAYS ENJOYS REVIEWING, IT SHOULD BE NOTED 14 15 THAT THE HEADQUARTERS IN SAN FRANCISCO IS PROGRESSING WELL. ALL OF THE PLANS HAVE BEEN CUSTOMIZED BY 16 17 GENSLER'S GROUP TO THE INSTITUTE AND WORKED OUT WITH ZACH VERY EFFECTIVELY, INCLUDING A NEW ENTRY TO THE 18 19 BUILDING AND THE LOBBY FOR THAT BUILDING. THE WORKING GROUPS HAVE BEEN PROCEEDING WITH 20 THE STANDARDS WORKING GROUP HAVING MET AND THE GRANTS 21 REVIEW WORKING GROUP MEETING THIS WEDNESDAY AND 22 23 THURSDAY, WITH SOME PHENOMENAL SCIENTIST, PHYSICIAN/ 24 SCIENTISTS FROM AROUND THE COUNTRY AS WELL AS PATIENT 25 ADVOCATES.

1 THE FIRST GRANT PROGRAM, WE HOPE TO HAVE RECOMMENDATIONS TO THE BOARD FOR THE SEPTEMBER MEETING 2 AND, IF WE ARE FORTUNATE, FOCUS ON BRIDGE FUNDING BEING 3 AVAILABLE SOMETIME IN SEPTEMBER FOR OCTOBER 4 5 DI SBURSEMENT ON THE INFRASTRUCTURE TRAINING GRANTS. 6 MEDICAL AND ETHICAL RESEARCH STANDARDS IN PLACE, CONFLICTS STANDARDS ARE IN PLACE, THE OPEN MEETING 7 POLICIES ARE IN PLACE. SO THERE'S A GREAT DEAL THAT'S 8 9 BEEN RESOLVED IN THE INTERIM. 10 NOW, GIVEN THAT I'VE USED ALL MY FILLER TIME, WHO JUST JOI NED? 11 12 MS. PAGANO: THIS IS NICOLE PAGANO JOINING 13 FROM THE CIRM. CHAIRMAN KLEIN: OKAY. HAS ANYONE ELSE JUST 14 15 JOI NED? MS. ENGELS: SUE BRYANT IS OUT IN THE 16 HALLWAY. SHE'LL BE HERE IN JUST ONE MORE MINUTE. 17 CHAIRMAN KLEIN: OKAY. AMY, IF I CAN 18 19 REVIEW -- WHO JUST JOINED? MS. SAMUELSON: JOAN SAMUELSON. 20 CHAIRMAN KLEIN: THANK YOU, JOAN. OKAY. 21 LET'S REVIEW HERE WHO HAS JOINED. AMY DUROSS, COULD 22 23 YOU GO THROUGH THE ROLL CALL AGAIN. 24 MS. DUROSS: JANET WRIGHT. BOB BIRGENEAU. 25 DR. BIRGENEAU: HERE.

| 1 | MS. DUROSS: DAVID MEYER. |
|----|--|
| 2 | DR. MEYER: HERE. |
| 3 | MS. DUROSS: SUE BRYANT. MICHAEL GOLDBERG. |
| 4 | MR. GOLDBERG: HERE. |
| 5 | MS. DUROSS: BOB KLEIN. |
| 6 | CHAIRMAN KLEIN: HERE. |
| 7 | MS. DUROSS: RI CHARD MURPHY. |
| 8 | DR. NOVA: I HEAR HE'S ON HIS WAY. |
| 9 | MS. DUROSS: TINA NOVA. |
| 10 | DR. NOVA: HERE. |
| 11 | MS. DUROSS: PHIL PIZZO. |
| 12 | DR. PIZZO: HERE. |
| 13 | MS. DUROSS: JOAN SAMUELSON. |
| 14 | MS. SAMUELSON: HERE. |
| 15 | CHAIRMAN KLEIN: WE HAVE SUSAN IN THE HALL. |
| 16 | EVEN WITHOUT RICHARD? WE NEED SUSAN AND RICHARD. ALL |
| 17 | RIGHT. HAS JAMES CALLED IN? |
| 18 | MR. HARRISON: I AM. I'M ON, BOB. |
| 19 | CHAIRMAN KLEIN: JAMES, I THINK THAT WE COULD |
| 20 | BEGIN THE PUBLIC DISCUSSION WITHOUT ANY VOTES. |
| 21 | MR. HARRISON: YOU CAN. AND, ALSO, I THINK |
| 22 | AS SOON AS SUE BRYANT JOINS, YOU'LL HAVE YOUR SIXTH |
| 23 | MEMBER AND YOU WILL HAVE A QUORUM. |
| 24 | DR. BRYANT: I JUST ARRIVED. |
| 25 | CHAIRMAN KLEIN: THANK YOU VERY MUCH. |

AS WE BEGIN OUR SESSION TODAY, I WOULD POINT 1 2 OUT THAT THE REMAINING OPEN ITEM OF SIGNIFICANCE IN THE 3 PRESIDENTIAL SEARCH THAT WE LEFT THE LAST MEETING WITH AND HAVE NOT YET BEEN ABLE TO ADDRESS IS THIS ISSUE OF 4 5 LAB SPACE FOR THE PRESIDENT. AND, OF COURSE, THIS COULD APPLY TO CHIEF SCIENTIFIC OFFICER AS WELL. 6 BUT I WOULD BRING TO THE ATTENTION OF THE 7 8 BOARD, BEFORE I ASK MAYBE LISA PIEPER FOR SOME COMMENTS 9 ON THIS TOPIC, THE POINT THAT IS PART OF THE SAN FRANCISCO PROPOSAL, THERE WAS SPACE IN SAN FRANCISCO 10 GENERAL. AND IN OUR LAST PRESIDENTIAL SEARCH 11 12 COMMITTEE, WE EXPLORED THE IDEA CONCEPTUALLY OF THE PRESIDENT BEING ABLE TO TAKE SOME OF THAT SPACE AND USE 13 IT FOR A SCIENTIFIC LAB. 14 15 NOW, WITH THE HELP OF DR. ZACH HALL, WHO'S HERE, AND RUSTY DOMS, CHAIRMAN OF THE FACILITIES 16 17 COMMITTEE, AS WELL AS WALTER BARNES AND DAVID SERRANO-SEWELL, WHO IS THE CO-CHAIR OF THE FACILITIES 18 19 COMMITTEE, ADVISORY COMMITTEE, WITH RUSTY DOMS, WE 20 LOOKED AT THIS OPTION. AND I THINK I WOULD BE APPROPRIATE IN SUMMARIZING TO SAY THAT THERE ARE 21 SUBSTANTIAL SEISMIC ISSUES HERE THAT HAVE A RANGE IN 22 23 COMPLEXITY. THE ESTIMATES I'VE HEARD HAVE RANGED FROM 24 \$50 A FOOT TO \$200 A FOOT, AND THERE IS A GREAT DEAL OF UNCERTAINTY, AND IT WOULD REQUIRE SUBSTANTIAL TIME TO 25

1 SORT OUT THAT OPTION ON A SEISMIC BASIS.

2 IN ADDITION, THE PROBLEM HERE IS THAT WHILE 3 WE FOCUSED OUR RESOURCES ON A BUDGETARY BASIS TO 4 ADVANCING OUR SCIENTIFIC AGENDA, WE DON'T HAVE ANY 5 SIGNIFICANT UNCOMMITTED RESOURCES WE COULD USE TO TAKE 6 DOWN THIS SPACE IF WE SORTED OUT THESE ISSUES AT THIS 7 TIME.

8 NOW, IF WE DO NOT EXERCISE OUR OPTION, WHICH 9 WE WOULD HAVE TO DO BY THE 15TH OF AUGUST, THAT IS, 10 AFTER NEXT BOARD MEETING, THEY WILL CONVERT THIS SPACE PURPORTEDLY TO A COMMERCIAL ENTERPRISE AS A SUBLEASE 11 12 FROM THE GLADSTONE INSTITUTE AND, THEORETICALLY AT 13 LEAST, WITH OTHER SCIENTIFIC USES MIXED IN AT THIS FACILITY IN ADDITION TO OTHER SCIENTIFIC SPACE 14 15 CURRENTLY IN USE AT THAT SITE. SOME SPACE MIGHT BE AVAILABLE POTENTIALLY IN THE FUTURE, BUT IT DOES NOT 16 APPEAR THAT WE HAVE A CURRENT OPPORTUNITY TO CAPTURE 17 THAT SPACE IF WE WERE TO DECIDE THAT IT WOULD BE 18 19 ADVISABLE TO HAVE THAT SPACE AS AN OPTION. 20 I WOULD PROVIDE THAT AS BACKGROUND AND ASK LISA TO COMMENT ON THE IMPORTANCE IN THE SEARCH PROCESS 21 OF THE SCIENTIFIC RESEARCH SPACE OPTION. AND THEN IN 22 23 THE PUBLIC SESSION WE CAN ADDRESS THIS ISSUE OF WHETHER 24 WE ARE MAKING THE RIGHT DECISION IF WE PASS ON THE SAN

25 FRANCI SCO GENERAL SPACE AT THIS TIME. LISA.

1 DR. PIEPER: LISA PIEPER FROM SPENCER-STUART. 2 I THINK THE DISCUSSION BROKE DOWN INTO TWO BROAD 3 CATEGORIES ON THE LAB SPACE. AS YOU WILL ALL RECALL, THIS WAS AN ISSUE FOR A NUMBER OF THE APPLICANTS AND 4 5 ONE THAT SURFACED THROUGHOUT THE SEARCH. IT FELL INTO TWO CATEGORIES. ONE WAS SORT OF POLICY LEVEL 6 DISCUSSION OF WHETHER OR NOT THE BOARD FELT THAT IT WAS 7 APPROPRIATE FOR THE PRESIDENT TO BE ENGAGED IN 8 9 RESEARCH. AND WERE THE ANSWER TO THAT QUESTION BE YES, THEN WHERE MIGHT SUCH RESEARCH BE CONDUCTED. AND A 10 SUBTEXT HERE OBVIOUSLY WAS WHETHER OR NOT THAT WOULD 11 12 BE, IF YOU WILL, AFFILIATED OR UNAFFILIATED SPACE, CALLING TO QUESTION ALL OF THE ISSUES THAT THAT THEN 13 MIGHT RAISE. 14 15 I THINK, THEN, WE FORMALLY PAUSED A FEW MONTHS BACK, KNOWING THAT WE WOULD HAVE TO READDRESS 16 17 THIS ISSUE TO ALLOW FOR SOME ADDITIONAL ACTIVITIES AND 18 ACCOMPLISHMENTS TO ENSUE. AND IT'S BACK ON THE TABLE 19 TODAY. CHAIRMAN KLEIN: OKAY. WHO JUST JOINED? 20 WHILE WE'RE WAITING FOR SOMEONE TO POTENTIALLY REJOIN, 21 IF SOMEONE IS IN A CAR, IF THEY COULD PUT THEIR PHONE 22 23 ON MUTE, IT WOULD BE GREAT. 24 BUT ZACH IS HERE WITH US IN THE PUBLIC SESSION, DR. ZACH HALL. IN TERMS OF THE SUMMARY OF THE 25

1 DUE DILIGENCE DONE AND THE CONCLUSIONS ON THAT AS THE 2 SAN FRANCISCO GENERAL SPACE, WOULD YOU COMMENT ON THE 3 SUMMARY THAT I'VE PROVIDED?

DR. HALL: I'M SORRY. I WASN'T LISTENING TO 4 5 THE DETAILS OF WHAT YOU SAID. LET ME JUST SAY THAT THE SPACE IN SAN FRANCISCO GENERAL CONSISTS OF TWO FLOORS. 6 ONE ABOUT 40,000 SQUARE FEET AND OTHER ABOUT EIGHT OR 7 NINE. THEY HAVE BEEN PREVIOUSLY OCCUPIED BY THE 8 9 GLADSTONE. AND WE INQUIRED OF BOTH BERKELEY AND UCSF IF THEY WOULD BE INTERESTED IN DEVELOPING FOR THAT STEM 10 CELL RESEARCH, AND BOTH OF THEM FOR DIFFERENT REASONS 11 12 SALD NO.

13 THE LARGER PARCEL APPARENTLY IS IN VERY BAD CONDITION IN TERMS OF SEISMIC RATING, AND UCSF SAID 14 15 THAT THE BOARD OF REGENTS WOULD NOT ALLOW THEM TO OCCUPY THAT SPACE WITHOUT BASICALLY GIVING UP OTHER 16 17 SPACE. THEY' RE ONLY ALLOWED TO HAVE SO MUCH SEI SMI CALLY CHALLENGED SPACE, AND THEY' RE AT THE 18 19 ABSOLUTE LIMIT AND THEY WEREN'T WILLING TO DO THAT. AND THE SMALLER SPACE WAS THE SMALLER PARCEL, WHICH WAS 20 IN BETTER SHAPE, WAS TOO SMALL FOR THEIR NEEDS. 21 I HAVE BEEN IN THAT SPACE, NOT RECENTLY, BUT 22 23 SOME YEARS AGO. AND WHILE IT'S, I THINK, PERFECTLY ADEQUATE AS A LAB, IT'S AN OLDER LAB THAT PROBABLY WAS 24 RENOVATED AROUND 1990 OR SOMETHING LIKE THAT AT THE 25

LATEST. AND IT ALSO IS, I THINK, A NOT VERY ATTRACTIVE
 ENVIRONMENT FOR AN ACTIVE SCIENTIST. MOST OF THE GOOD
 LABORATORY SCIENCE AT UCSF IS MOVING OUT TO MISSION
 BAY, INCLUDING THE GLADSTONE.

5 SO I THINK IT'S IN AN OLDER BUILDING WITH 6 SORT OF UNKNOWN NEIGHBORS. HALF OF THE SPACE IS ANIMAL QUARTERS. I THINK IF YOU HAD A CANDIDATE IN HAND, IT 7 MIGHT BE POSSIBLE TO TAKE THAT CANDIDATE THERE AND SAY 8 9 IS THIS LAB SPACE THE SIZE YOU MIGHT CONSIDER. BUT I THINK WITHOUT SOMEBODY, I THINK YOU RUN THE RISK THAT 10 THEY WOULD NOT BE INTERESTED. I DON'T THINK IT'S THAT 11 12 ATTRACTIVE, QUITE FRANKLY.

DR. PIZZO: ZACH, AS YOU KNOW VERY WELL, THE 13 PROBLEM IS NOT JUST THE INVESTIGATOR, BUT IT'S ALSO 14 15 GRADUATE STUDENTS AND OTHERS WHO WOULD BE PART OF IT. WHAT I WAS SAYING IS THAT A BAD LABORATORY IS BAD IN 16 ITS OWN RIGHT; BUT IF IT'S NOT AN ENVIRONMENT THAT'S 17 GOING TO BE CONDUCIVE TO GETTING STUDENTS, GRADUATE 18 19 STUDENTS AND POST DOCS, TO COME TO IT, THAT IT'S ALMOST 20 NONFUNCTI ONAL.

21 DR. HALL: I THINK IT'S THE LATTER THAT IS 22 THE PROBLEM. I THINK IF IT WERE SITUATED PERHAPS IN 23 THE MIDDLE OF THE BUILDING HERE, I THINK IT COULD BE 24 MADE INTO A WORKING LAB, BUT I THINK THE COMBINATION OF 25 BEING A SLIGHTLY OLDER LAB AND BEING -- RUNNING THE

1 RISK OF BEING ISOLATED. IF WE DON'T KNOW WHO WILL BE 2 IN IT AT A FUTURE DATE, I THINK, WILL MAKE IT A VERY 3 SORT OF DUBIOUS PROPOSITION. DR. PIZZO: ALONG THAT LINE, ZACH, ONE OF THE 4 5 CHALLENGES IS TRYING TO FIND AN ENVIRONMENT THAT'S GOING TO HAVE SOME CRITICAL MASS FUNCTIONALITY 6 ASSOCIATED WITH IT THAT'S NOT AT ONE OF OUR 7 8 UNI VERSI TI ES. 9 DR. HALL: IT IS FURTHER COMPLICATED BY THE FACT THAT, LET'S SAY, THAT WERE FREESTANDING SPACE THAT 10 SOMEHOW WERE LOANED TO CIRM OR CIRM PAID FOR, ALL OF 11 12 THE VARIOUS FUNCTIONS ASSOCIATED WITH RUNNING A LABORATORY ARE GOING TO HAVE TO BE FARMED OUT TO 13 SOMEBODY. AND IT WILL BE AN ADDITIONAL RESPONSIBILITY 14 15 FOR THE INSTITUTE; THAT IS, ALL THE BUSINESS OF RADIOACTIVITY, WITH GRANT MAKING, WITH ALL THE OTHER 16 STUFF, WHO RUNS THE CONTRACTS, YOU CAN FARM THAT OUT 17 18 WITH GOOD WILL, BUT IT, I THINK, AGAIN, THE 19 RESPONSIBILITY WILL BE THAT OF THE CIRM. AND I THINK TO THINK ABOUT MANAGING THOSE FUNCTIONS FOR A SINGLE 20 LAB IS CHALLENGING. 21 22 MS. SAMUELSON: THIS IS JOAN. SORRY TO 23 INTERRUPT. I'M JUST THINKING IN TERMS OF TIME. IF IT 24 SEEMS THAT ISN'T A VIABLE IDEA AND WE DON'T HAVE A PRESSING NEED, WE JUST SHOULD MOVE ALONG. 25

CHAIRMAN KLEIN: WHAT I HAD SAID, ZACH, TO 1 TRY AND SUMMARIZE, IS, A, SEISMICALLY WE DON'T HAVE THE 2 3 TIME TO GET OUR HANDS AROUND THE PROBLEM, AND WE DON'T HAVE THE BUDGET TO DEAL WITH IT RIGHT NOW. SO BEYOND 4 5 ALL THIS DETAIL, IT DOESN'T SEEM LIKE IT'S VIABLE FOR 6 US TO SEIZE THIS OPPORTUNITY. DR. PIZZO: I AGREE WITH THAT. THIS IS PHIL 7 BUT THE ONLY REASON I WAS DWELLING ON THIS IS 8 AGALN. 9 MORE NOT ABOUT THIS SPACE, BUT JUST SETTING THE PRINCIPLES UP FOR WHATEVER SPACE WE DO LOOK FOR. 10 AND MAYBE THE SEISMIC ISSUES WON'T APPLY, BUT THE OTHER 11 12 ONES WILL. WE JUST HAVE TO BE PREPARED. THIS ONE IS 13 EASY TO DO WITH SAN FRANCISCO GENERAL. THE TIMING ISN'T RIGHT AND THE SPACE ISN'T RIGHT, BUT THE OTHER 14 15 PROBLEMS ARE STILL GOING TO BE AROUND FOR US. CHAIRMAN KLEIN: SO IS THERE -- IS THERE 16 17 SOMEONE WHO WILL MAKE A PROPOSED MOTION TO PASS ON THE SAN FRANCISCO GENERAL SPACE? 18 19 DR. PIZZO: SO MOVED TO PASS. 20 CHAIRMAN KLEIN: IS THERE A SECOND? DR. BRYANT: SECOND. 21 CHAIRMAN KLEIN: MOVED AND SECONDED. 22 THERE' S 23 NO PUBLIC ON ANY OF THESE SITES; IS THAT CORRECT? I 24 DON'T HEAR ANY PUBLIC. SO NO PUBLIC COMMENT. ANY OTHER BOARD COMMENT? 25

DR. NOVA: DR. MURPHY HAS JOINED THE MEETING 1 IN SAN DIEGO FOR THE ROLL CALL. 2 3 DR. WRIGHT: JANET WRIGHT JOINED FROM CHICO. CHAIRMAN KLEIN: THANK YOU BOTH. WHAT WE'RE 4 5 VOTING ON RIGHT NOW, DR. MURPHY AND DR. WRIGHT, IS A MOTION THAT WE'RE GOING TO PASS ON THE SAN FRANCISCO 6 GENERAL HOSPITAL SPACE IN TERMS OF A SCIENTIFIC LAB 7 OPPORTUNITY BECAUSE THERE'S SEISMIC PROBLEMS WE DON'T 8 9 HAVE THE TIME TO FULLY GET OUR ARMS AROUND, AND WE DON' T HAVE THE BUDGET TO LOCK THE SPACE UP BY AUGUST 10 15TH WHEN OUR OPTION EXPIRES EVEN IF WE WERE TO DECIDE 11 12 IT WERE DESIRABLE, AND THERE ARE PROBLEMS WITH ITS 13 DESI RABI LI TY. WOULD EITHER OF YOU LIKE ADDITIONAL DETAILS 14 15 TO THE DISCUSSION BEFORE THIS VOTE ON THIS MOTION? DR. WRIGHT: NO. 16 CHAIRMAN KLEIN: OKAY. THE MOTION HAS BEEN 17 MADE AND SECONDED. I CALL FOR THE QUESTION. WE HAVE 18 19 TO DO IT BY ROLL CALL. MS. DUROSS: JANET WRIGHT. 20 DR. WRIGHT: HERE. AND I AM IN FAVOR OF THE 21 22 MOTION. 23 MS. DUROSS: RI CHARD MURPHY. 24 DR. MURPHY: IN FAVOR. MS. DUROSS: BOB BI RGENEAU. 25

| 1 | DR. BIRGENEAU: IN FAVOR. |
|----|--|
| 2 | MS. DUROSS: DAVID MEYER. |
| 3 | DR. MEYER: IN FAVOR. |
| 4 | MS. DUROSS: SUE BRYANT. |
| 5 | DR. BRYANT: IN FAVOR. |
| 6 | MS. DUROSS: MI CHAEL GOLDBERG. |
| 7 | MR. GOLDBERG: IN FAVOR. |
| 8 | MS. DUROSS: BOB KLEIN. |
| 9 | CHAIRMAN KLEIN: FAVOR. |
| 10 | MS. DUROSS: TINA NOVA. |
| 11 | DR. NOVA: FAVOR. |
| 12 | MS. DUROSS: PHIL PIZZO. |
| 13 | DR. PIZZO: YES. |
| 14 | MS. DUROSS: JOAN SAMUELSON. |
| 15 | MS. SAMUELSON: YES. |
| 16 | CHAIRMAN KLEIN: OKAY. THANK YOU. DID |
| 17 | SOMEONE ELSE JUST JOIN? |
| 18 | WHAT I'D LIKE TO DO IS AT THIS POINT ASK IF |
| 19 | WE WOULD LIKE TO HAVE ADDITIONAL DISCUSSION ON THE |
| 20 | SCIENTIFIC LAB QUESTION BEFORE GOING INTO EXECUTIVE |
| 21 | SESSION. |
| 22 | DR. BIRGENEAU: THIS IS CLEARLY, AS WE FOUND |
| 23 | IN THE SEARCH, HAVING A LABORATORY IS GOING TO BE |
| 24 | IMPORTANT TO A NUMBER OF OUR TOP CANDIDATES. IT'S ALSO |
| 25 | CLEAR THAT THE PERSON WILL BE IN A VERY DIFFICULT |
| | |

1 SITUATION IF THEIR LAB IS AT ONE OF THE NEIGHBORING UNIVERSITIES WHO WILL WANT TO PARTICIPATE BECAUSE OF 2 3 STEM CELL RESEARCH AND FUNDED BY CIRM. IT WILL BE SUCH A COMPLICATED SITUATION POLITICALLY. 4 I WONDER IN TERMS OF THE BIOTECH COMPANIES IF 5 6 THERE ARE ANY BIOTECH COMPANIES, GENENTECH, JUST TO MAKE UP ONE, WHO WOULD NOT BE PARTICIPATING IN THE STEM 7 CELL INITIATIVE, WHO MIGHT HAVE LABORATORY SPACE 8 9 AVAILABLE AND WHO DO PROVIDE THE KIND OF ENVIRONMENT WHICH WOULD BE ATTRACTIVE TO NOT JUST THE CANDIDATES, 10 BUT TO POST DOCS AND GRADUATE STUDENTS? 11 12 DR. HALL: THAT MAY BE FROM THE FRYING PAN INTO THE FIRE IN TERMS OF PUBLIC PERCEPTION. I DON'T 13 14 KNOW. 15 DR. BRYANT: THAT'S MY THOUGHT. DR. PIZZO: THE CAVEAT IS NOT PARTICIPATING 16 IN STEM CELL RESEARCH. I THINK, BOB, THAT'S WHY YOU 17 STATED THAT, RIGHT? IF THEY'RE NOT DOING IT AT ALL, 18 19 CLEARLY NOT DOING IT AT ALL, THAT MIGHT BE MORE 20 ACCEPTABLE. 21 DR. BRYANT: BUT WHAT IF THEY GOT INTO IT? DR. PIZZO: THAT'S A PROBLEM. 22 23 DR. BIRGENEAU: THAT WOULDN'T WORK. 24 DR. HALL: I THINK IT MAKES SENSE, BUT I THINK IT ALSO FEEDS THE KIND OF PARANOIA. 25

DR. PIZZO: WHAT WE'RE REALLY FACING IS, TO 1 2 BE VERY BLUNT, IS HOW FEASIBLE IS IT TO COME UP WITH 3 THE KIND OF SPACE THAT WE'RE TALKING ABOUT, NOT A SET OF LABS, BUT SPACE THAT HAS PROXIMITY TO OTHER 4 5 COLLEAGUES THAT'S WON'T BE COMPETING IN SOME WAY FOR 6 FUNDING IN CALIFORNIA FOR STEM CELL RESEARCH. WE'D HAVE TO BE A VERY UNIQUE ENVIRONMENT. AND IF IT'S SO 7 8 UNIQUE, THAT THERE'S NOBODY DOING COMPARABLE RESEARCH 9 IN DEVELOPMENTAL BIOLOGY OR THINGS LIKE THAT, I THINK THE PROBLEMS THAT WE'VE TALKED ABOUT EARLIER WITH 10 GETTING STUDENTS TO COME WILL BE JUST A HUGE ISSUE. 11 12 MS. SAMUELSON: I'M WONDERING IF THERE'S ANY REASON WE MIGHT NOT JUST RAISE THIS AGAIN IN THE 13 CONTEXT OF A SPECIFIC CANDIDATE THAT WE'RE QUITE 14 15 DETERMINED TO RECRUIT. AND THEN THERE MAY BE ASPECTS OF THIS ISSUE THAT WE JUST DON'T HAVE TO SPEND TIME ON, 16 OR DO WE NEED TO RESOLVE IT IN ADVANCE? I'M THINKING 17 THAT WE PROBABLY DON'T. 18 19 CHAIRMAN KLEIN: IT SOUNDS AS THOUGH WHAT 20 WE'RE GOING TO IS WE RECOGNIZE IT'S A VERY IMPORTANT ISSUE, BUT PERHAPS WOULD ONLY BE RESOLVED RELATED TO A 21 SPECIFIC CANDIDATE. LISA, I THINK YOU PREVIOUSLY HAVE 22 23 SUGGESTED TO ME THAT THERE MIGHT BE AN OPPORTUNITY 24 WITHIN THE MISSION BAY AREA BECAUSE THERE ARE GROUPS

25 THAT ARE PUTTING TOGETHER MULTIUSE BUILDINGS THAT WILL

HAVE SCIENCE LABS IN THEM WHERE YOU INDIVIDUALLY LEASE 1 2 OUT LAB SPACE SO THAT THE WHOLE BUILDING IS FILLED WITH 3 UP-TO-DATE, MODERN, VERY ADVANCED LABS. SOME MAY BE PRIVATE AND SOME MIGHT BE PUBLIC. THAT MIGHT BE A 4 5 POSSIBILITY, AND IT'S PROXIMATE TO UNIVERSITIES, BUT NOT PART OF A UNIVERSITY. 6 SO THERE'S SOME POTENTIAL THERE. IT SOUNDS 7 AS THOUGH THIS ISSUE REALLY RELATES TO A SPECIFIC 8 9 CANDIDATE AND WHAT THE BALANCE IS THAT THE COMMITTEE 10 WOULD LIKE TO THINK ABOUT. DR. PIZZO: EXCEPT IF WE DO GO OUT AGAIN AND 11 12 START SEEKING CANDIDATES, JUST AS WE FOUND LAST TIME, IT'S AN ISSUE RIGHT OFF THE TOP. SO I THINK WE WILL 13 HAVE TO TAKE A POSITION AT SOME POINT WHETHER, IF AND 14 15 WHEN WE OPEN THE SEARCH AGAIN FOR CANDIDATES, WHAT OUR POSITION IS WITH REGARD TO LAB SPACE. 16 17 DR. BRYANT: COULD I SUGGEST THAT WE COULD GO BACK INTO THE SEARCH AND SAY THAT IF -- AND HAVE IT 18 19 AGREED AMONGST US THAT IF THIS ISSUE COMES UP, THAT WE 20 WILL ATTEMPT TO ADDRESS IT RATHER THAN SAY WE'LL DO IT THIS WAY OR THAT WAY, BUT WE RECOGNIZE THAT IT'S A 21 CONCERN AND THAT WE WILL TRY TO FIND A SOLUTION THAT 22 23 FITS THE INDIVIDUAL. 24 DR. MEYER: I WOULD TEND TO THINKING ABOUT IT

24 DR. MEYER: I WOULD TEND TO THINKING ABOUT TT 25 SOONER RATHER THAN LATER. IF YOU HAVE A CANDIDATE THAT

1 IS EXPRESSING SERIOUS INTEREST, YOU HAVE TO HAVE 2 THOUGHT ABOUT IT. AND IF YOU JUST SAY, OH, WELL, WE'LL 3 START LOOKING INTO IT NOW BECAUSE YOU' RE REALLY INTERESTED, BY THAT TIME THINGS COULD COOL OFF GREATLY 4 5 BEFORE YOU COME UP WITH AN ANSWER. I THINK IT'S 6 STARTING OFF ON THE WRONG FOOT AND SENDING THE WRONG MESSAGE. I THINK WE SHOULD CONTINUE TO THINK ABOUT IT 7 VERY SERIOUSLY AND HAVE SOMETHING READY TO GO WHEN WE 8 9 START LOOKING AGAIN. 10 DR. PIEPER: LISA PIEPER HERE FROM SPENCER-STUART. I THINK I UNDERSCORE THAT. GIVEN THE 11 12 REQUIREMENTS TO BRING ALL OF YOU TOGETHER AND TIME THAT'S OFTEN INVOLVED, OBVIOUSLY AS WE INITIATE IN 13 WHATEVER FASHION YOU INSTRUCT US TO DO SO IN THE 14 15 SEARCH, IT WOULD BE EXTREMELY HELPFUL TO HAVE THAT AT LEAST POLICY POSITION MADE AS WE INITIATE OR WE LAUNCH. 16 17 DR. BIRGENEAU: IT SEEMED TO ME THAT THE COMMITTEE HAS AGREED THAT IN PRINCIPLE, RIGHT, THAT WE 18 19 DO NOT OBJECT TO A PERSON LEADING CIRM AND THEN HAVING

20 THEIR OWN RESEARCH PROGRAM FOR A RELATIVELY SMALL
21 PERCENTAGE OF THEIR TOTAL TIME AS LONG AS THERE'S NO
22 CONFLICT WITH THEIR RESPONSIBILITIES AS PRESIDENT AND
23 AS LONG AS IT DOESN'T SIGNIFICANTLY IMPACT ON THEIR
24 PERFORMANCE.

25 SO THAT WAS MY UNDERSTANDING. IS EVERYONE

1 AGREED TO THAT? AND THAT'S THE ISSUE WE'RE DISCUSSING. 2 IT'S A VERY DIFFICULT PRACTICAL ISSUE OF IF WE FIND A 3 CANDIDATE WHO WANTS TO SPEND 20 OR 30 PERCENT OF THEIR TIME DOING RESEARCH OR WANTS TO SPEND WEEKENDS DOING 4 5 RESEARCH, HOW DO WE DEAL WITH THE CONFLICT ISSUE? DR. HALL: I'D LIKE TO PUT MY TWO CENTS WORTH 6 IN. THE JOB MIGHT TAPER OFF. RIGHT NOW THIS IS MORE 7 THAN A FULL-TIME JOB. I SPEND WEEKS AND WEEK NIGHTS 8 9 AND WEEKENDS WORKING ON THIS JOB. I THINK TO HAVE 10 ANYBODY KEEP A VIABLE RESEARCH LAB GOING, UNLESS THINGS CHANGE SUBSTANTIALLY, I THINK IT'S A NICE THOUGHT, BUT 11 12 NOT A VERY REALISTIC ONE. THERE ARE PEOPLE WHO ARE ABLE TO DO THAT, BUT 13 MOST MORTALS CAN'T. I COUNT AMONG THE IMMORTALS DAVID 14 15 BALTIMORE, HAROLD VARMIS, AND MIKE BISHOP, ALL WHO HAVE BEEN ABLE TO DO THAT. BUT THESE ARE EXTRAORDINARY 16 17 PEOPLE; AND I THINK WERE CIRM FORTUNATE ENOUGH TO GET SOMEBODY OF THAT CALIBER, IT WOULD BE A DIFFERENT 18 19 STORY. I THINK THERE ARE VERY FEW OF THEM. AND MY OWN VIEW IS YOU'RE CHASING A KIND OF CHIMERA TO DO THIS. 20 I THINK YOUR FIRST PASS SHOULD BE TO LOOK FOR 21 SOMEBODY WHO IS A GOOD ADMINISTRATOR AND HAS GOOD 22 23 SCIENTIFIC TASTE, WHICH I THINK IS KEY AND NOT 24 NECESSARILY ALWAYS TIED TO THE TOP OF ACHIEVEMENT. 25 DR. BRYANT: I COMPLETELY AGREE WITH YOU.

DR. HALL: IF YOU DO GO THAT WAY, PHIL 1 2 PIZZO'S IDEA IS TO USE SOMETHING LIKE THE GALLO 3 INSTITUTE, GALLO CENTER, WHICH IS FREESTANDING. IT'S MEMBERS ARE AFFILIATED WITH UCSF, BUT IT'S 4 5 FREESTANDING, IT HAS ALL THE SUPPORT YOU WOULD NEED, IT 6 DOES NOT DO STEM CELL RESEARCH. IN FACT, IT'S ON FLOORS TWO AND THREE IN THE BUILDING WE OCCUPY IN 7 EMERYVILLE. IT'S CLOSE ENOUGH TO BERKELEY SO THAT YOU 8 9 COULD WORK OUT ARRANGEMENTS OR YOU COULD WORK OUT AN ARRANGEMENT WITH UCSF. BUT THE POINT WOULD BE THAT IT 10 WOULD BE SEPARATED FROM ANY INSTITUTION AND WOULD NOT 11 12 CARRY THE, QUOTE, UNQUOTE, TAINT OF THE PRIVATE SECTOR, WHICH I THINK IS THE LIABILITY IN TERMS OF PERCEPTION. 13 DR. BRYANT: I COMPLETELY AGREE WITH ZACH'S 14 15 COMMENTS. ACTUALLY I DO SEE THIS JOB AS AN EXTREMELY HARDWORKING JOB WITHOUT THE KIND OF SUPPORT THAT'S 16 PRESENT IN A POSITION SUCH AS A CHANCELLOR OF A 17 18 UNIVERSITY OR PRESIDENT OF A UNIVERSITY. AND SO I 19 THINK IT IS ASKING -- WE ARE ASKING THIS PERSON TO COME 20 IN AND WORK NIGHT AND DAY. DR. HALL: THE FUNCTION OF A LAB IS MOSTLY AS 21 THERAPY. 22 23 CHAIRMAN KLEIN: YOU KNOW, I HAVE TO SAY, 24 ZACH, I'D RATHER THINK OF YOU AS EXTRAORDINARY THAN AS 25 A CHIMERA.

DR. HALL: I DON'T HAVE A LAB. I DID IT FOR 1 2 THREE YEARS AT NIH. AND I WENT BY THE LAB ONE EVENING 3 AND SORT OF SATURDAY MORNING AND IT WASN'T ENOUGH. COULDN'T KEEP UP WITH THE PEOPLE IN THE LAB, AND I FELT 4 5 IT WASN'T BE RESPONSIBLE TO KEEP IT UP. CHAIRMAN KLEIN: I WAS THINKING EXTRAORDINARY 6 7 WITHOUT THE LAB. THERE WAS A COMMENT THAT DR. BIRGENEAU MADE 8 9 THAT WE HAD IN CONCEPT REACHED AN UNDERSTANDING. THAT IS CONSONANT WITH MY MEMORY. IS THAT CONSONANT WITH 10 YOURS, DR. PIZZO? 11 12 DR. PIZZO: IT IS CONSONANT WITH THAT. I THINK ALL OF US HAD MANY OF THE SAME CONCERNS THAT ZACH 13 EXPRESSED, BUT WE RECOGNIZE THAT THERE WERE GOING TO BE 14 15 INDIVIDUALS WHO WOULD REALLY WANT THIS. AND WE HAVE PEOPLE ON OUR COMMITTEE WHO ARE RUNNING LABS AND STILL 16 CARRYING ON VARIOUS KINDS OF ADMINISTRATIVE FUNCTIONS. 17 18 BUT, YOU KNOW, THERE ARE DIFFERENCES. I DON'T WANT TO 19 GET INTO THOSE QUALITATIVE DIFFERENCES. WE'RE TALKING 20 ABOUT STARTING SOMETHING UP HERE THAT'S A MAJOR EFFORT. AND, YOU KNOW, MY OWN BLAS IS THAT I'M VERY SENSITIVE 21 TO SOMEONE COMING IN AND WANTING TO DO RESEARCH. I 22 23 SUPPORT THAT, BUT I THINK THAT TO ME THE REAL IMPORTANT 24 QUALITY THAT I'D BE LOOKING FOR IS SOMEONE WHO REALLY WANTS TO MAKE CIRM WORK. I'M LESS CONCERNED ABOUT 25

SOMEONE MAKING THEIR OWN LIFE WORK BETTER, YOU KNOW, IN
 TERMS OF THE THERAPY PART OF IT BECAUSE I THINK THAT IS
 A BIT OF IT.

I DON'T THINK THAT THE ARGUMENT TO ME IS VERY
PERSUASIVE THAT BECAUSE YOU'RE DOING A LITTLE BIT OF
RESEARCH, YOU'RE MORE ENGAGED IN THE MISSION. YOU CAN
DO THAT BY BEING CONVERSANT WITH THE TOPIC AND READING
ABOUT IT AS WELL.

9 CHAIRMAN KLEIN: I THINK THAT IF THERE'S -10 IS THERE ANY OTHER BOARD COMMENT, OR WOULD WE LIKE TO
11 SEE IF THERE IS PUBLIC COMMENT? ANY OTHER BOARD
12 COMMENTS?

MS. SAMUELSON: THIS IS JOAN JUST BRIEFLY. I 13 HAD NOT BEEN PERSUADED THAT WE SHOULD GIVE THIS A LOT 14 15 OF ATTENTION BECAUSE I THINK THAT THE JOB IS A MUCH GREATER JOB AND AN EXTREMELY IMPORTANT ONE IN ITS OWN 16 RIGHT. THE COMMENTS OF THE SEVERAL CANDIDATES WE SAW 17 18 MOST RECENTLY CONVINCED ME THAT IF WE HAVE A CANDIDATE 19 THAT WE'RE FOR OTHER REASONS TREMENDOUSLY ENTHUSIASTIC 20 ABOUT, THAT THAT WOULD BE A REASONABLE THING TO THROW IN. IN THE MIX, IF WE'RE ENTHUSIASTIC ON OTHER FRONTS, 21 WE WILL THINK THAT IT'S APPROPRIATE. SO THE LAB IS 22 23 OKAY WITH ME, ALTHOUGH I DON'T THINK IT'S THE MOST 24 IMPORTANT THING IN MY OWN MIND. DR. BIRGENEAU: I AGREE WITH WHAT JOAN SAID. 25

LET ME ALSO JUST SAY THAT THERE MAY BE PEOPLE, AS IN 1 2 DAVID BALTIMORE'S SITUATION, WHERE THEY HAVE A 3 FUNCTIONING LAB AT MIT AND IT WAS A MATTER OF BASICALLY MOVING HIS LAB TO EQUIVALENT SPACE IN CAL TECH. 4 5 MIGHT ADD, BY THE WAY, SINCE I WAS INVOLVED WITH HIM WHEN HE LEFT, THAT WHEN HE WAS LEAVING, I OVERSAW HIS 6 SPACE AMONG OTHER THINGS, HE TOLD ME HE WASN'T GOING TO 7 HAVE A LAB AT CAL TECH ACTUALLY. HE WANTED TO KEEP HIS 8 9 LAB AT MIT JUST LONG ENOUGH TO RAMP IT DOWN TO ZERO. BUT, IN FACT, ENDED UP DOING THE OPPOSITE ONCE HE GOT 10 COMFORTABLE AT CAL TECH. 11 12 IT MAY BE THAT WHEN THE CANDIDATE -- WHEN WE FIND THE IDEAL CANDIDATE AND THEN IT TURNS OUT THAT THE 13 CANDIDATE WANTS TO DO RESEARCH, THAT WE WILL BE IN A 14 15 SITUATION OF HAVING TO EXPLAIN TO THE CANDIDATE WHAT THE LIMITATIONS ARE, WHICH ARE REALLY QUITE SEVERE, AND 16 17 THAT CANDIDATE THEMSELVES MAY BE SUFFICIENTLY RESOURCEFUL THAT THEY MAY HAVE A SOLUTION. 18 19 DR. WRIGHT: JUST AS YOU SAID IN THE 20 BALTIMORE CASE, THERE MAY BE A TRANSITIONAL PERIOD THAT WILL GIVE US A LITTLE TIME AND PERHAPS RESOURCES TO 21 MAKE THAT TRANSFER. 22 23 DR. PIZZO: THAT'S HOW WE INITIALLY THOUGHT 24 OF THIS, JUST GOING WAY BACK, WAS THAT CANDIDATES WERE COMING OUTSIDE OF CALIFORNIA, THEY NEED TIME TO CLOSE 25

DOWN THEIR LABORATORY OPERATIONS, AND WHAT REALLY
 CONFOUNDED IT WAS TRYING TO FIND THE SPACE HERE IN
 CALIFORNIA.

4 LISA HAS RAISED PRIVATELY THE ISSUE OF THE 5 CSO FUNCTION AS WELL, WHICH MAY OR MAY NOT PLAY INTO 6 THIS. I DON'T KNOW WHETHER WE WANT TO THINK ABOUT THAT 7 TOO.

DR. PIEPER: ONE OF THE THINGS WE TALKED 8 9 ABOUT IS ONCE WE'VE HAD SOME CLARITY AROUND THE APPOINTMENT OF THE PRESIDENT, THEN SOME OF THE SEARCHES 10 THAT WOULD SUBSEQUENTLY ENSUE WOULD BE FOR A COO AND A 11 12 CSO. AND IT JUST OCCURS TO ME THAT THIS POLICY DECISION AROUND WHETHER SOMEBODY IS PERMITTED TO 13 CONDUCT RESEARCH AND THE LOCATION IN WHICH SUCH AN 14 15 INDIVIDUAL WOULD CONDUCT THAT RESEARCH, WERE IT ALLOWED, WOULD STILL APPLY EVEN IF YOU ELECTED NOT TO 16 17 HAVE A PRESIDENT CONDUCTING ACTIVE RESEARCH. THE CSO, AGAIN, PROBABLY EVEN MORE LIKELY IS GOING TO REQUEST 18 19 THAT HE OR SHE BE ALLOWED TO DO RESEARCH. AGAIN --20 DR. HALL: DEPENDS ON WHAT YOU LOOK FOR. DR. PIZZO: I THINK ACTUALLY ZACH'S LAST 21 COMMENT IS A REALLY IMPORTANT ONE. IT DOES DEPEND ON 22 23 WHAT WE LOOK FOR. AND WE ARE -- TO BE BLUNT ABOUT IT, 24 WE ARE OF MIXED MINDS ABOUT THAT. WE HAVE VERY STRONG POSITIONS IN FAVOR OF LOOKING FOR A WORKING SCIENTIST 25

WHO WOULD SPEND A PORTION OF HER TIME OR HIS TIME IN
 THIS. OBVIOUSLY WE HEARD A RANGE DURING THE SEARCH.
 WE HAD ONE CANDIDATE WHO THOUGHT THEY WOULD SPEND 50 TO
 60 PERCENT OF THEIR TIME ON RESEARCH AND THE REST
 RUNNING THE OPERATION TO MOST SAYING THAT IT WAS LESS
 THAN A 20-PERCENT EFFORT.
 YOU KNOW, MY RECKONING, TO BE CLEAR, LESS

8 THAN A 20-PERCENT RESEARCH EFFORT IS A PRETTY TRIVIAL 9 AMOUNT OF TIME TO BE SPENDING ON RESEARCH EVEN IF 10 YOU' VE GOT AN INTERESTING LAB RUNNING, REALLY DOING CUTTING EDGE RESEARCH DURING THAT TIME. SO IT IS MORE, 11 12 YOU KNOW, MORE OF A WINDOW DRESSING KIND OF EFFORT AS OPPOSED TO A LARGE -- I DON'T WANT TO BE SO BLUNT AS TO 13 SAY THAT'S ALL IT IS BECAUSE THERE ARE MANY WHO CAN 14 15 MAKE THAT WINDOW LOOK PRETTY ATTRACTIVE AS WELL. DR. HALL: SOME. I THINK IT'S AN UNUSUAL 16

PERSON. I JUST NOTE THAT DAVID BALTIMORE NOT ONLY KEPT
HIS LAB, HE JUST WON A GRAND CHALLENGE. IF YOU COULD
GET A DAVID BALTIMORE, WE'D MOVE HEAVEN AND EARTH TO
FIND A PLACE FOR HIM.

21 DR. PIZZO: DAVID BALTIMORE WAS A NOBEL 22 LAUREATE AT THE AGE OF 37, I THINK.

23 CHAIRMAN KLEIN: AT THIS POINT IT SOUNDS AS
24 THOUGH WE'RE AT AN APPROPRIATE POINT TO GO INTO
25 EXECUTIVE SESSION UNLESS BOARD MEMBERS WOULD LIKE

1 ADDITIONAL DISCUSSION.

DR. MURPHY: FIRST OF ALL, I THINK I AGREE 2 3 WITH JOAN, THAT IN THE ABSENCE OF A CANDIDATE, WE COULD BE SPINNING OUR WHEELS PLANNING TOO FAR IN ADVANCE FOR 4 5 OPPORTUNITIES FOR SCIENCE. I ALSO THINK WE NEED TO PAY SPECIAL ATTENTION TO WHAT ZACH SAID, THAT THE PERSON WE 6 END UP WITH MAY WELL BE A PERSON WHO IS A TERRIFIC 7 ADMINISTRATOR BECAUSE I THINK ZACH IS LIVING PROOF THAT 8 9 THAT IS GOING TO BE A MAJOR RESPONSIBILITY HERE, BUT SOMEONE WHO HAS A TASTE FOR SCIENCE. THERE ARE WAYS TO 10 SUPPORT THAT PERSON WITH A STRONG CSO WITH GOOD 11 12 COMMITTEES. AND AS LONG AS A PERSON KNOWS HOW TO PUT ALL THE PIECES OF THE PUZZLE TOGETHER, I THINK THAT CAN 13 BE TREMENDOUSLY VALUABLE. 14 15 AND IF WE GO IN THAT DIRECTION, WE MAY END UP NOT LOOKING FOR THE SUPER SCIENTIST, BUT LOOKING FOR 16 SOMEONE WHO, FOR EXAMPLE, HAS HAD A LEADERSHIP POSITION 17 AND A SUCCESSFUL ONE IN BIOTECH AND IN OTHER AREAS THAT 18 19 ARE RELEVANT TO STEM CELLS. I ALSO THINK THAT THE EXAMPLES OF DAVID AND 20 HAROLD AND OTHERS, YOU GOT TO REALIZE THAT THEY ARE 21 INTO UNIVERSITIES OR ORGANIZATIONS WITH A SUPER 22

23 INFRASTRUCTURE ALREADY THERE. AND I'M NOT MINIMIZING

24 THE TALENT THAT THEY HAVE. THEY' RE ALL EXCEPTIONAL

25 PEOPLE, BUT WE DON'T HAVE AN INFRASTRUCTURE TO SUPPORT

1 WHOEVER TAKES THIS JOB. AND I THINK EVEN DAVID 2 HIMSELF, IF HE WERE TO COME INTO THIS POSITION, HE 3 WOULD PROBABLY HAVE DIFFICULTY RUNNING A LAB AND DOING WHAT WE WANT HIM TO DO. 4 SO I THINK WE'VE GOT A LOT OF THINKING TO DO. 5 AND I THINK ONE OF THE THINGS WE SHOULD DO IS MAINTAIN 6 MAXIMUM FLEXIBILITY AT THIS POINT AND CONTINUE TO 7 8 SEARCH FOR THE BEST CANDIDATE WITH QUALITIES THAT WE'RE 9 NOT SURE WHAT HE OR SHE WILL HAVE. 10 DR. BRYANT: AGREED. CHAIRMAN KLEIN: WITH THAT GOOD SUMMARY 11 12 STATEMENT, I'D LIKE TO GO TO CLOSED SESSION WHERE WE WILL DISCUSS PERSONNEL ISSUES DEALING WITH THE 13 PRESIDENTIAL SEARCH. AND ALL OF THE MEMBERS OF THE 14 15 PUBLIC, IF ANY HAVE JOINED, NEED TO BE ASKED TO LEAVE THE ROOM. AND WE NEED TO CALL IN ON THE CLOSED SESSION 16 LINE. DOES EVERYONE HAVE THE CLOSED SESSION NUMBER, 17 DIAL-IN NUMBER? IT WILL BE E-MAILED TO YOU, JOAN. 18 19 MS. SAMUELSON: I ACTUALLY HAVE IT. IT WAS 20 GIVEN TO ME. 21 CHAIRMAN KLEIN: EVERYONE SHOULD CALL BACK. (THE COMMITTEE THEN WENT INTO CLOSED 22 23 SESSION, WHICH WAS NOT REPORTED, NOR HEREIN 24 TRANSCRIBED. OPEN SESSION WAS THEN RECONVENED AS FOLLOWS:) 25

| 1 | CHAIRMAN KLEIN: LET ME MAKE A VERY SIMPLE |
|----|---|
| 2 | STATEMENT. |
| 3 | (INTERRUPTION IN PROCEEDINGS.) |
| 4 | CHAIRMAN KLEIN: AT THIS POINT CAN YOU HEAR |
| 5 | THAT I AM ADJOURNING THE MEETING? THE MEETING IS |
| 6 | ADJOURNED. THERE IS NOTHING TO REPORT. THANK YOU. |
| 7 | (THE MEETING WAS THEN ADJOURNED AT 05:17 |
| 8 | P. M.) |
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