BEFORE THE

INDEPENDENT CITIZENS' OVERSIGHT COMMITTEE AND THE APPLICATION REVIEW SUBCOMMITTEE TO THE

CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE ORGANIZED PURSUANT TO THE CALIFORNIA STEM CELL RESEARCH AND CURES ACT

REGULAR MEETING

LOCATION: CALIFORNIA INSTITUTE FOR

REGENERATIVE MEDICINE

1999 HARRISON STREET, SUITE 1650

OAKLAND, CALIFORNIA

DATE: MARCH 23, 2017

11 A.M.

REPORTER: BETH C. DRAIN, CSR

CA CSR. NO. 7152

FILE NO.: 2017-10

INDEX

| ITEM DESCRIPTION F | | | NO |
|---------------------|--|-----|--------|
| OPE | OPEN SESSION: | | |
| 1. | CALL TO ORDER | | 3 |
| 2. | ROLL CALL | | 3 |
| 3. | CONSIDERATION OF APPLICATIONS SUBMITTED IN RESPONSE TO CLIN1: PARTNERING OPPORTUNITY FOR LATE STAGE PRECLINICAL PROJECTS | | 5 |
| 4. | CONSIDERATION OF APPLICATIONS SUBMITTED IN RESPONSE TO THE PARTERNING OPPORTUNITY FOR TRANSLATIONAL RESEARCH PROJECTS | 1 | .1 |
| CLOSED SESSION NONE | | | ΙE |
| 5. | DISCUSSION OF CONFIDENTIAL INTELLECTUAL PROPERTY OR WORK PRODUCT, PREPUBLICATION DATA, FINANCIAL INFORMATION, CONFIDENTIAL SCIENTIFIC RESEARCH OR DATA, AND OTHER PROPRIETARY INFORMATION RELATING TO APPLICATIONS SUBMITTED IN RESPONSE TO CLIN1: PARTNERING OPPORTUNITY FOR LATE STAGE PRECLINICAL PROJECTS AND THE PARTNERING OPPORTUNITY FOR TRANSLATIONAL RESEARCH PROJECTS | | Ċ D |
| 6. | PUBLIC COMMENT | NON | ΙE |
| 7. | ADJOURNMENT | 2 | 26 |

| 1 | THURSDAY, MARCH 23, 2017 |
|----|---|
| 2 | 11 A.M. |
| 3 | |
| 4 | CHAIRMAN THOMAS: I'D LIKE TO WELCOME |
| 5 | EVERYBODY THIS IS J.T TO THE REGULAR MEETING |
| 6 | OF THE ICOC AND THE APPLICATION REVIEW SUBCOMMITTEE |
| 7 | FOR MARCH 2017. WE ARE BROADCASTING TO YOU FROM THE |
| 8 | CITY OF HOPE WHERE WE'RE IN THE PROCESS TODAY OF A |
| 9 | MOST INFORMATIVE AND INTERESTING ALPHA CLINIC |
| 10 | SYMPOSIUM THAT THE CITY OF HOPE IS HOSTING FOR OUR |
| 11 | ALPHA CLINIC NETWORK. |
| 12 | AND WE HAVE FOLKS HERE FROM MEMBERS OF THE |
| 13 | PUBLIC. WOULD LIKE TO HAVE MARIA CALL THE ROLL. |
| 14 | MS. BONNEVILLE: GEORGE BLUMENTHAL. DAVID |
| 15 | BRENNER. KEN BURTIS. DEBORAH DEAS. ANNE-MARIE |
| 16 | DULIEGE. HOWARD FEDEROFF. JUDY GASSON. SAM |
| 17 | HAWGOOD. DAVID HIGGINS. |
| 18 | DR. HIGGINS: HERE. |
| 19 | MS. BONNEVILLE: STEVE JUELSGAARD. |
| 20 | DR. JUELSGAARD: HERE. |
| 21 | MS. BONNEVILLE: SHERRY LANSING. KATHY |
| 22 | LAPORTE. |
| 23 | MS. LAPORTE: HERE. |
| 24 | MS. BONNEVILLE: BERT LUBIN. SHLOMO |
| 25 | MELMED. LAUREN MILLER. |
| | 3 |

| | BEITI C. BRAIN, CA CSR NO. 7132 |
|----|--|
| 1 | MS. MILLER: HERE. |
| 2 | MS. BONNEVILLE: LLOYD MINOR. ADRIANA |
| 3 | PADILLA. |
| 4 | DR. PADILLA: HERE. |
| 5 | MS. BONNEVILLE: JOE PANETTA. |
| 6 | MR. PANETTA: HERE. |
| 7 | MS. BONNEVILLE: FRANCISCO PRIETO. CARMEN |
| 8 | PULIAFITO. ROBERT QUINT. |
| 9 | DR. QUINT: HERE. |
| 10 | MS. BONNEVILLE: AL ROWLETT. |
| 11 | MR. ROWLETT: HERE. |
| 12 | MS. BONNEVILLE: JEFF SHEEHY. |
| 13 | SUPERVISOR SHEEHY: HERE. |
| 14 | MS. BONNEVILLE: OS STEWARD. |
| 15 | DR. STEWARD: HERE. |
| 16 | MS. BONNEVILLE: JONATHAN THOMAS. |
| 17 | CHAIRMAN THOMAS: HERE. |
| 18 | MS. BONNEVILLE: ART TORRES. |
| 19 | MR. TORRES: HERE. |
| 20 | MS. BONNEVILLE: KRISTINA VUORI. DIANE |
| 21 | WINOKUR. |
| 22 | CHAIRMAN THOMAS: THANK YOU, MARIA. |
| 23 | MS. WINOKUR: THIS IS DIANE WINOKUR. |
| 24 | MS. BONNEVILLE: THANK YOU, DIANE. |
| 25 | CHAIRMAN THOMAS: WE'RE GOING TO MOVE TO |
| | 4 |
| | 4 |

| 1 | ITEM 3 IN THE AGENDA, WHICH IS CONSIDERATION OF |
|----|--|
| 2 | APPLICATIONS SUBMITTED IN RESPONSE TO CLIN1: |
| 3 | PARTNERING OPPORTUNITY FOR LATE STAGE PRECLINICAL |
| 4 | PROJECTS. AT THIS POINT I WILL TURN THE MEETING |
| 5 | OVER TO SUPERVISOR SHEEHY. |
| 6 | SUPERVISOR SHEEHY: THANK YOU, CHAIRMAN |
| 7 | THOMAS. DR. SAMBRANO, DO YOU HAVE A PRESENTATION? |
| 8 | DR. SAMBRANO: YES, I DO. |
| 9 | SUPERVISOR SHEEHY: GREAT. THANK YOU. |
| 10 | DR. SAMBRANO: GOOD MORNING, EVERYONE. |
| 11 | THIS IS AN APPLICATION THAT WE ARE BRINGING FOR YOUR |
| 12 | CONSIDERATION THAT WAS REVIEWED IN JANUARY. IT WAS |
| 13 | RESPONDING TO THE CLIN1, CLINICAL PROGRAM FOR |
| 14 | IND-ENABLING WORK. THE APPLICANT APPEALED THAT, IT |
| 15 | HAS NOW BEEN RESOLVED, AND SO WE'RE BRINGING THIS |
| 16 | FOR YOUR CONSIDERATION TODAY. |
| 17 | A REMINDER OF A COUPLE OF NOTES IN THE |
| 18 | PROCESS. WHEN WE CONDUCT THE GWG REVIEW, WE HAVE |
| 19 | ALL MEMBERS OF THE GWG VOTE ON WHETHER THEY FELT |
| 20 | THAT THE REVIEW WAS CONDUCTED IN A SCIENTIFIC |
| 21 | RIGOROUS WAY, THAT THERE WAS SUFFICIENT TIME ALLOWED |
| 22 | FOR ALL VIEWPOINTS TO BE HEARD, AND THAT THE SCORES |
| 23 | REFLECT THE RECOMMENDATION OF THE GWG. OUR PATIENT |
| 24 | ADVOCATE MEMBERS WHO ARE ALSO MEMBERS OF THIS BOARD |
| 25 | ALSO VOTE ON WHETHER THEY FEEL THE REVIEW IS CARRIED |
| | |

| 1 | OUT IN A FAIR MANNER AND WAS FREE FROM UNDUE BIAS. |
|----|--|
| 2 | IN THIS CASE, AS WAS FOR ALL THE APPLICATIONS |
| 3 | REVIEWED DURING THIS CYCLE, THE VOTE WAS UNANIMOUS |
| 4 | IN FAVOR OF BOTH STATEMENTS THAT WERE CONSIDERED ON |
| 5 | THAT DAY. |
| 6 | A REMINDER OF THE SCORING SYSTEM FOR THESE |
| 7 | APPLICATIONS. THESE ARE SCORED ON A 1-2-3 BASIS. A |
| 8 | SCORE OF 1 MEANS THAT THEY HAVE EXCEPTIONAL MERIT |
| 9 | AND WARRANT FUNDING; SCORE OF 2 MEANS THE |
| 10 | APPLICATION NEEDS IMPROVEMENT, BUT CAN BE SUBMITTED |
| 11 | TO ADDRESS THE AREAS FOR IMPROVEMENT; AND A SCORE OF |
| 12 | 3 MEANS THAT THE APPLICATION IS SUFFICIENTLY FLAWED |
| 13 | THAT IT DOESN'T WARRANT FUNDING AND THIS PROJECT |
| 14 | SHOULD NOT BE SUBMITTED FOR SIX MONTHS. |
| 15 | THE APPLICATION THAT IS BEING CONSIDERED |
| 16 | IS CLIN1-09759. THIS IS A PRECLINICAL DEVELOPMENT |
| 17 | PROJECT FOR A CELL THERAPY TO TREAT PARKINSON'S |
| 18 | DISEASE. THE THERAPY IS A HUMAN EMBRYONIC STEM |
| 19 | CELL-DERIVED NEUROPROGENITOR CELL THAT EXPRESSES |
| 20 | MEF2C, A TRANSCRIPTION FACTOR. IT IS FOR PATIENTS |
| 21 | WITH MODERATE TO SEVERE PARKINSON'S DISEASE. |
| 22 | THE GOAL OF THE PROJECT IS TO COMPLETE |
| 23 | PRECLINICAL ACTIVITIES THAT WILL ENABLE THEM TO FILE |
| 24 | AN IND FOR TESTING THE CELL THERAPY PRODUCT IN THE |
| 25 | CLINIC. SOME OF THE MAJOR PROPOSED ACTIVITIES |
| | |

| 1 | INCLUDE MANUFACTURING THE PRODUCT, SOME PRECLINICAL |
|----|--|
| 2 | DOSE RESPONSE EFFICACY, TOXICITY AND SAFETY STUDIES, |
| 3 | AND, OF COURSE, TO PREPARE AND FILE THE IND. |
| 4 | THE REQUESTED AMOUNT IS 4.8 MILLION FOR |
| 5 | THIS APPLICATION. |
| 6 | THE APPLICATION UNDERWENT A BUDGET REVIEW |
| 7 | FOR THE ACTIVITIES THAT WERE PROPOSED AND THE COSTS |
| 8 | THAT WERE ASSOCIATED WITH THAT. IT PASSED THAT. |
| 9 | HOWEVER, AT THE GWG REVIEW, REVIEWERS SCORED THIS A |
| 10 | 3, WHICH MEANS THEY DO NOT FEEL IT WARRANTS FUNDING, |
| 11 | AND THE VOTE ON THIS WAS UNANIMOUS, THIRTEEN MEMBERS |
| 12 | OF THE GWG ALL SCORING A SCORE OF 3. THE CIRM TEAM |
| 13 | ALSO, IN REVIEWING AND ASSESSING THE PROCESS OF THE |
| 14 | REVIEW, AGREES WITH THE DO NOT FUND RECOMMENDATION |
| 15 | IN THIS CASE. MR. SHEEHY. |
| 16 | SUPERVISOR SHEEHY: THANK YOU, DR. |
| 17 | SAMBRANO. DO I HAVE A MOTION TO EITHER FUND OR NOT |
| 18 | FUND THIS APPLICATION? |
| 19 | CHAIRMAN THOMAS: I MOVE THAT WE NOT FUND. |
| 20 | SUPERVISOR SHEEHY: DO I HAVE A SECOND? |
| 21 | MS. LAPORTE: I SECOND THAT. |
| 22 | SUPERVISOR SHEEHY: DO WE HAVE ANY |
| 23 | DISCUSSION? DO WE HAVE ANY PUBLIC COMMENT? I THINK |
| 24 | THERE'S INDIVIDUALS IN LOS ANGELES, MEMBERS OF THE |
| 25 | PUBLIC. |
| | _ |

| 1 | CHAIRMAN THOMAS: NO PUBLIC COMMENT HERE, |
|----|---|
| 2 | JEFF. |
| 3 | SUPERVISOR SHEEHY: GREAT. THANK YOU. |
| 4 | THEN, MARIA, CAN WE HAVE A VOTE? |
| 5 | MS. BONNEVILLE: YES. |
| 6 | ANNE-MARIE DULIEGE. DAVID HIGGINS. |
| 7 | DR. HIGGINS: CAN I SUBMIT MY VOTE WITH |
| 8 | COMMENTARY, OR DO I HAVE TO DO THAT OUTSIDE? VERY |
| 9 | BRIEF COMMENT, IS THAT POSSIBLE? |
| 10 | MR. TORRES: I SUGGEST WE SUSPEND THE ROLL |
| 11 | CALL AND LET DAVID SPEAK, THEN PROCEED. |
| 12 | DR. HIGGINS: I'M SORRY FOR THAT. SO THIS |
| 13 | IS DAVID HIGGINS AT CITY OF HOPE. I THINK IT |
| 14 | PROBABLY GOES WITHOUT SAYING THAT I HAVE A VESTED |
| 15 | INTEREST IN THIS AREA OF RESEARCH AND THIS AREA OF |
| 16 | FUNDING FOR CIRM. AND I ALSO WANT TO POINT OUT THAT |
| 17 | THE APPLICANT IS A WORLD-CLASS SCIENTIST THAT HAS A |
| 18 | LONG CAREER OF TOPNOTCH SCIENCE AND CARE FOR |
| 19 | PATIENTS. AND THAT IS NOT IN QUESTION. |
| 20 | I THINK IT ALSO GOES WITHOUT SAYING THAT |
| 21 | CIRM'S BEST INTEREST IS TO FUND THE LARGEST NUMBER |
| 22 | OF THE BEST PROPOSALS THAT WE CAN FIND IN ORDER TO |
| 23 | GET NEW THERAPIES AND EVEN CURES FOR DISEASES, |
| 24 | INCLUDING PARKINSON'S. SO IT'S IN OUR BEST INTEREST |
| 25 | TO FIND AND FUND THE BEST OF THE BEST. AND IT'S MY |
| | 8 |
| | · |

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1
     HOPE IN THIS PARTICULAR CASE THAT THE APPLICANTS
 2
     WILL CIRCLE BACK AROUND WITH CIRM, LOOK AT THE GWG'S
 3
     COMMENTS, AND REVIEW WHAT NEEDS TO BE DONE, AND I
 4
     HOPE TO SEE A RESUBMISSION FROM THEM IN THE FUTURE.
 5
     THAT'S ALL I'M GOING TO SAY.
 6
               SUPERVISOR SHEEHY: THANK YOU. DO WE HAVE
 7
     ANY OTHER BOARD COMMENT? AGAIN, DO WE HAVE ANY
 8
     PUBLIC COMMENT? MS. BONNEVILLE, COULD YOU CALL THE
 9
     ROLL PLEASE.
10
               MS. BONNEVILLE: ANNE-MARIE DULIEGE.
11
     DAVID HIGGINS.
12
               DR. HIGGINS: NO.
13
               DR. JUELSGAARD: COULD SOMEBODY REPEAT THE
     MOTION JUST SO WE'RE CLEAR WHAT WE'RE VOTING ON?
14
15
               SUPERVISOR SHEEHY: SURE, LET'S START
16
     OVER FROM THE TOP. THE MOTION IS TO NOT FUND
17
     APPLICATION 09759. THE MOTION WAS MADE BY CHAIRMAN
18
     THOMAS AND SECONDED BY KATHY LAPORTE.
19
               SO WE'VE TAKEN BOARD COMMENT AND PUBLIC
20
     COMMENT. SO AT THIS POINT WE SHALL CALL THE ROLL.
21
               MS. BONNEVILLE: ANNE-MARIE DULIEGE.
22
     DAVID HIGGINS.
23
               DR. HIGGINS: PARDON MY CONFUSION. I VOTE
24
     YES.
25
               MS. BONNEVILLE: STEVE JUELSGAARD.
                                9
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| | | 22.00 |
|----|----------|---------------------------------------|
| 1 | | DR. JUELSGAARD: YES. |
| 2 | | MS. BONNEVILLE: KATHY LAPORTE. |
| 3 | | MS. LAPORTE: YES. |
| 4 | | MS. BONNEVILLE: LAUREN MILLER. |
| 5 | | MS. MILLER: YES. |
| 6 | | MS. BONNEVILLE: ADRIANA PADILLA. |
| 7 | | DR. PADILLA: YES. |
| 8 | | MS. BONNEVILLE: JOE PANETTA. |
| 9 | | MR. PANETTA: YES. |
| 10 | | MS. BONNEVILLE: FRANCISCO PRIETO. |
| 11 | | DR. PRIETO: AYE. |
| 12 | | MS. BONNEVILLE: ROBERT QUINT. |
| 13 | | DR. QUINT: YES. |
| 14 | | MS. BONNEVILLE: AL ROWLETT. |
| 15 | | MR. ROWLETT: YES. |
| 16 | | MS. BONNEVILLE: JEFF SHEEHY. |
| 17 | | SUPERVISOR SHEEHY: YES. |
| 18 | | MS. BONNEVILLE: JONATHAN THOMAS. |
| 19 | | CHAIRMAN THOMAS: YES. |
| 20 | | MS. BONNEVILLE: ART TORRES. |
| 21 | | MR. TORRES: AYE. |
| 22 | | MS. BONNEVILLE: DIANE WINOKUR. |
| 23 | | MS. WINOKUR: YES. |
| 24 | | MS. BONNEVILLE: THANK YOU. THE MOTION |
| 25 | CARRIES. | |
| | | 10 |
| | | 10 |

| 1 | SUPERVISOR SHEEHY: THANK YOU. |
|----|--|
| 2 | DR. STEWARD: AM I IN CONFLICT ON THIS |
| 3 | ONE? |
| 4 | MS. BONNEVILLE: YES. |
| 5 | DR. STEWARD: OKAY. THANK YOU. |
| 6 | SUPERVISOR SHEEHY: SO ITEM 4, |
| 7 | CONSIDERATION OF APPLICATIONS SUBMITTED IN RESPONSE |
| 8 | TO THE PARTNERING OPPORTUNITY FOR TRANSLATIONAL |
| 9 | RESEARCH PROJECTS. |
| 10 | DR. SAMBRANO: THANK YOU, MR. SHEEHY. |
| 11 | SO WE'RE BRINGING FOR YOUR CONSIDERATION |
| 12 | APPLICATIONS RESPONDING TO THE TRANSLATIONAL |
| 13 | RESEARCH PROGRAM. THIS IS AN OPPORTUNITY THAT IS |
| 14 | AVAILABLE NOW THREE TIMES A YEAR OR EVERY FOUR |
| 15 | MONTHS. AND THE DEADLINE BECAUSE IT'S ABOUT |
| 16 | EVERY FOUR MONTHS, THE DEADLINES COME TOO LATE AFTER |
| 17 | THE BOARD MEETING THAT CONSIDERS THESE APPLICATIONS. |
| 18 | SO THE NEXT DEADLINE IS COMING UP APRIL 5TH. THAT'S |
| 19 | JUST A NOTE TO BE AWARE OF. |
| 20 | THE OBJECTIVE OF THIS PROGRAM, AS YOU |
| 21 | KNOW, IS TO SUPPORT PROMISING STEM CELL-BASED |
| 22 | PROJECTS THAT WILL ACCELERATE COMPLETION OF THOSE |
| 23 | TRANSLATIONAL STAGE ACTIVITIES THAT WILL ALLOW |
| 24 | PROJECTS TO ADVANCE TO CLINICAL STUDY OR IN THE CASE |
| 25 | OF TOOLS TO BE COMMERCIALIZED FOR BROAD END USE. |
| | |

| 1 | THERE ARE A VARIETY OF PRODUCTS THAT CAN |
|----|--|
| 2 | COME IN UNDER A TRAN AWARD: A THERAPEUTIC, A |
| 3 | DIAGNOSTIC, A MEDICAL DEVICE OR A TOOL. THE PROGRAM |
| 4 | ALLOWS FOR DIFFERENT OR BECAUSE THE TRAN |
| 5 | ACTIVITIES DIFFER FOR EACH OF THESE PRODUCT TYPES, |
| 6 | THERE ARE DIFFERENT FUNDING CAPS FOR THESE PROGRAMS |
| 7 | AS WELL AS A TIME THAT'S ALLOWED TO COMPLETE THOSE |
| 8 | ACTIVITIES. FOR A TOOL A CAP OF ONE MILLION UP TO A |
| 9 | THERAPEUTIC WHICH ALLOWS TWO TO FOUR MILLION, |
| 10 | DEPENDING ON WHETHER IT'S A CELL THERAPY OR SMALL |
| 11 | MOLECULE. THERE ARE DIFFERENCES THERE AND SOME |
| 12 | DIFFERENCES IN THE APPLICATION. |
| 13 | HOWEVER, IN GENERAL, WHAT WE'RE LOOKING |
| 14 | FOR ARE PRODUCTS THAT ARE AT THE STAGE WHERE THEY'VE |
| 15 | DEMONSTRATED A PROOF OF CONCEPT. FOR A THERAPEUTIC |
| 16 | IT MEANS THAT THEY'VE IDENTIFIED A SINGLE |
| 17 | THERAPEUTIC CANDIDATE WITH DISEASE MODIFYING |
| 18 | ACTIVITY; OR FOR SOMETHING LIKE A TOOL OR A DEVICE, |
| 19 | THAT THEY HAVE A PROTOTYPE DEVELOPED IN ORDER TO |
| 20 | DEMONSTRATE THE PROOF OF CONCEPT. SO THAT'S THE |
| 21 | STAGE OF READINESS THAT WE ARE LOOKING FOR FOR |
| 22 | PROJECTS THAT ARE COMING IN. |
| 23 | THE TRANSLATION ACTIVITIES THAT THEY |
| 24 | CONDUCT OVER THE APPROXIMATE TWO YEARS OF THE AWARD |
| 25 | SHOULD LEAD THEM TO COMPLETING A PRE-IND MEETING OR |
| | |

1 A PRESUBMISSION MEETING WITH THE FDA, DEPENDING ON 2 THE PRODUCT TYPE; OR IF IT'S A TOOL, TO TRANSFER IT 3 TO MANUFACTURING FOR COMMERCIALIZATION OF THAT 4 PRODUCT. 5 THE REVIEW CRITERIA THAT WE APPLIED TO THE TRANSLATION PROGRAM ARE THE SAME AS FOR MOST OF OUR 6 7 COMPETITIONS. DOES THE PROJECT HOLD THE NECESSARY 8 SIGNIFICANCE AND POTENTIAL FOR IMPACT? THAT IS, 9 WHAT VALUE DOES THIS PRODUCT POTENTIALLY BRING WITH THE VALUE PROPOSITION OVERALL TO PATIENTS OR TO THE 10 11 RESEARCH COMMUNITY? IS THE RATIONALE SOUND? THAT 12 IS, IS THIS SOMETHING THAT MAKES SENSE? IS THE 13 PROJECT WELL-PLANNED AND DESIGNED? AND IS THE PROJECT FEASIBLE, INCLUDING DO THEY HAVE AN 14 15 APPROPRIATE TEAM TO CONDUCT THE WORK? DO THEY HAVE 16 THE RESOURCES AVAILABLE AND THE ENVIRONMENT TO 17 CONDUCT THE WORK? 18 THE SCORING SYSTEM THAT WE UTILIZE IN THE 19 TRAN IS DIFFERENT FROM THE CLINICAL PROGRAM. 20 WE USE A RANGE OF 1 TO 100, WITH A SCORE OF 85 TO 21 100 BEING RECOMMENDED FOR A FUNDING TIER, AND 22 ANYTHING BELOW 85 IS NOT RECOMMENDED FOR FUNDING. AND WE UTILIZE THE MEDIAN IN ORDER TO ASSIGN THE 23 FINAL INDIVIDUAL SCORE, THE MEDIAN FROM ALL THE 24 25 INDIVIDUAL GWG MEMBERS THAT SCORE.

| 1 | THE RECOMMENDATIONS THAT CAME OUT OF THIS |
|----|---|
| 2 | PARTICULAR CYCLE FOR TRAN APPLICATIONS ARE AS |
| 3 | FOLLOWS. THERE ARE TWO APPLICATIONS THAT WERE |
| 4 | RECOMMENDED THAT ARE IN THE TOP TIER THAT TOTAL TO |
| 5 | AN AMOUNT OF ABOUT FOUR MILLION. THERE ARE, BECAUSE |
| 6 | THIS IS THE FIRST CYCLE THIS YEAR, PLENTY OF FUNDS |
| 7 | AVAILABLE TO COVER THE AMOUNT OF THOSE TWO |
| 8 | APPLICATIONS. OF COURSE, JUST A NOTE THAT THE FINAL |
| 9 | AWARD AMOUNT WOULD NOT EXCEED THE AMOUNT SHOWN |
| 10 | BECAUSE WE DO GO THROUGH AN ASSESSMENT OF ALLOWABLE |
| 11 | COSTS AND ACTIVITIES, AND IN SOME CASES THAT AMOUNT |
| 12 | MAY BE REDUCED. |
| 13 | AS PREVIOUSLY NOTED, THE GWG VOTE ON THE |
| 14 | REVIEW PROCESS. WE CONDUCT THAT HERE TOO. AND, |
| 15 | AGAIN, ON THIS REVIEW, IT WAS A UNANIMOUS VOTE. |
| 16 | AND THEN, FINALLY, I'M GOING TO GIVE YOU A |
| 17 | VERY BRIEF OVERVIEW OF THE TWO APPLICATIONS THAT |
| 18 | WERE RECOMMENDED SO YOU HAVE A SENSE OF WHAT IT IS |
| 19 | THAT WE ARE BRINGING TO FUND. |
| 20 | SO THE FIRST APPLICATION IS TRAN4-09884. |
| 21 | THE TITLE IS "A NOVEL ROBUST AND COMPREHENSIVE |
| 22 | PREDICTIVE TOOL USING HUMAN DISEASE-SPECIFIED |
| 23 | INDUCED PLURIPOTENT STEM CELLS FOR CLINICAL DRUG |
| 24 | SCREENING." THIS IS IN THE TOOL CATEGORY, |
| 25 | OBVIOUSLY. THE GOAL HERE IS TO ADDRESS THE |
| | |

| 1 | CHALLENGE FOR DRUG DEVELOPERS, THAT MANY DRUG |
|----|--|
| 2 | DEVELOPERS FIND THAT DRUGS ARE EITHER WITHDRAWN FROM |
| 3 | THE MARKET OR FROM LATE STAGE DEVELOPMENT DUE TO |
| 4 | UNPREDICTABLE CARDIOTOXICITY ONCE THESE DRUGS |
| 5 | ACTUALLY GET TO PATIENTS OR TO CLINICAL TRIALS. AND |
| 6 | THIS, THE APPLICANT FEELS, IS DUE LARGELY TO |
| 7 | INEFFICIENT OR INEFFECTIVE SCREENING ASSAYS. |
| 8 | SO WHAT THEY PROPOSE TO DO HERE IS TO |
| 9 | CREATE AN ASSAY THAT WOULD CIRCUMVENT THIS AND |
| 10 | PREVENT THE COSTS AND THE EFFORT IN TAKING SUCH |
| 11 | DRUGS THROUGH THAT DEVELOPMENT PROCESS. SO THEY |
| 12 | HAVE CREATED AN INDUCED PLURIPOTENT STEM |
| 13 | CELL-DERIVED CARDIOMYOCYTE SCREENING PLATFORM. THEY |
| 14 | TAKE IPS CELLS FROM HEALTHY SUBJECTS AS WELL AS |
| 15 | THOSE THAT HAVE COMMON HEREDITARY CARDIAC DISORDERS |
| 16 | IN ORDER TO CREATE THAT SCREENING PLATFORM FOR SMALL |
| 17 | MOLECULE DRUGS IN ORDER TO PREDICT WHETHER THESE |
| 18 | COULD HAVE CARDIOTOXIC EFFECTS. |
| 19 | THIS APPLICATION SCORED A 90. THIRTEEN |
| 20 | OUT OF 13 OF THE GWG REVIEWERS SCORED IT IN THE TOP |
| 21 | TIER. AND JUST VERY BRIEFLY, THIS IS AN APPLICATION |
| 22 | THAT THE REVIEWERS REALLY LOVED. THIS IS THE SECOND |
| 23 | TIME THIS CAME AROUND, AND IT HAD A HIGH SCORE. IT |
| 24 | HAD SOME ADMINISTRATIVE ISSUES THAT BROUGHT IT BACK |
| 25 | THROUGH THE GWG. BUT EVEN AFTER THE SECOND REVIEW, |
| | |

| 1 | IT WAS CLEAR THAT THIS IS A STRONG PROPOSAL. IT WAS |
|----|---|
| 2 | FELT THAT THE NEED TO DEVELOP THE TOOL THAT THEY |
| 3 | PROPOSE COULD HAVE A GREAT IMPACT IN THE RESEARCH |
| 4 | COMMUNITY AND IN DRUG DEVELOPMENT. THEY FEEL THE |
| 5 | TEAM IS OUTSTANDING AND THAT THEY HAVE A |
| 6 | COMPREHENSIVE STRATEGY FOR DEVELOPING THIS TOOL. |
| 7 | THERE WAS A CONCERN THAT REALLY RELATED TO |
| 8 | THE MANUFACTURING AND DISTRIBUTION OF THIS PRODUCT, |
| 9 | THAT THIS PLAN FOR DOING SO WAS NOT ADEQUATELY |
| 10 | ADDRESSED IN THE APPLICATION. IT WASN'T A MAJOR |
| 11 | CONCERN TO THEM AND SOMETHING THAT THEY FELT THAT |
| 12 | THEY COULD ACCOMPLISH. THAT'S THE FIRST |
| 13 | APPLICATION. |
| 14 | SHALL WE PAUSE AND CONSIDER IT OR SHOULD I |
| 15 | GO THROUGH BOTH OF THEM? |
| 16 | SUPERVISOR SHEEHY: SINCE WE ONLY HAVE TWO |
| 17 | IN THE FUNDABLE CATEGORY, LET'S DEAL WITH THOSE |
| 18 | FIRST, AND WE'LL TAKE THEM ONE AT THAT TIME. IS |
| 19 | THERE A MOTION TO FUND THIS APPLICATION? |
| 20 | CHAIRMAN THOMAS: SO MOVED. |
| 21 | SUPERVISOR SHEEHY: IS THERE A SECOND? |
| 22 | DR. PRIETO: SECOND. |
| 23 | SUPERVISOR SHEEHY: SECOND BY DR. PRIETO. |
| 24 | ANY BOARD COMMENT? ANY PUBLIC COMMENT? MARIA, |
| 25 | COULD YOU CALL THE ROLL PLEASE. |
| | |

| 1 | MS. BONNEVILLE: ANNE-MARIE DULIEGE. |
|----|---------------------------------------|
| 2 | DAVID HIGGINS. |
| 3 | DR. HIGGINS: YES. |
| 4 | MS. BONNEVILLE: STEVE JUELSGAARD. |
| 5 | DR. JUELSGAARD: YES. |
| 6 | MS. BONNEVILLE: SHERRY LANSING. KATHY |
| 7 | LAPORTE. |
| 8 | MS. LAPORTE: YES. |
| 9 | MS. BONNEVILLE: LAUREN MILLER. |
| 10 | MS. MILLER: YES. |
| 11 | MS. BONNEVILLE: ADRIANA PADILLA. |
| 12 | DR. PADILLA: YES. |
| 13 | MS. BONNEVILLE: JOE PANETTA. |
| 14 | MR. PANETTA: YES. |
| 15 | MS. BONNEVILLE: FRANCISCO PRIETO. |
| 16 | DR. PRIETO: AYE. |
| 17 | MS. BONNEVILLE: ROBERT QUINT. |
| 18 | DR. QUINT: YES. |
| 19 | MS. BONNEVILLE: AL ROWLETT. |
| 20 | MR. ROWLETT: YES. |
| 21 | MS. BONNEVILLE: JEFF SHEEHY. |
| 22 | SUPERVISOR SHEEHY: YES. |
| 23 | MS. BONNEVILLE: OS STEWARD. |
| 24 | DR. STEWARD: YES. |
| 25 | MS. BONNEVILLE: JONATHAN THOMAS. |
| | 17 |
| | |

| 1 | CHAIRMAN THOMAS: YES. |
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| 2 | MS. BONNEVILLE: ART TORRES. |
| 3 | MR. TORRES: AYE. |
| 4 | MS. BONNEVILLE: DIANE WINOKUR. |
| 5 | MS. WINOKUR: YES. |
| 6 | MS. BONNEVILLE: MOTION CARRIES. |
| 7 | SUPERVISOR SHEEHY: THANK YOU. THE SECOND |
| 8 | ONE PLEASE, DR. SAMBRANO. |
| 9 | DR. SAMBRANO: THE SECOND APPLICATION IN |
| 10 | THE TOP TIER IS TRAN1-09814. THIS IS ENTITLED |
| 11 | "PREDICTABLE PRO-REGENERATIVE SCAFFOLD FOR TREATING |
| 12 | SYMPTOMATIC PERIPHERAL ARTERY DISEASE." THIS IS A |
| 13 | THERAPY CANDIDATE. THE IDEA HERE IS TO TAKE WHAT IS |
| 14 | A SCAFFOLD MATERIAL FROM PORCINE MUSCLE WHERE THEY |
| 15 | TAKE THE EXTRACELLULAR MATRIX COMPONENTS AND COMBINE |
| 16 | THEM INTO A HYDROGEL THAT'S INJECTABLE THAT CAN BE |
| 17 | INTRODUCED INTO THE PATIENT MUSCLE THAT IS SUFFERING |
| 18 | IN THE LIMB FROM PERIPHERAL ARTERY DISEASE. |
| 19 | THE GOAL IS THAT WHEN THIS HYDROGEL IS |
| 20 | INJECTED, THAT IT GENERATES A SERIES OF RECRUITMENT |
| 21 | OF BLOOD VESSELS AND DIFFERENTIATION OF MUSCLE STEM |
| 22 | CELLS IN ORDER TO IMPROVE BLOOD FLOW AND THE MUSCLE |
| 23 | FUNCTION. |
| 24 | THIS APPLICATION ALSO, LIKE THE FIRST, |
| 25 | RECEIVED A 90. FOURTEEN OUT OF 14 MEMBERS OF THE |
| | |

| 1 | GRANTS WORKING GROUP SCORED IT IN THE TOP TIER. |
|----|--|
| 2 | REVIEWERS, BRIEFLY, FELT THAT WAS AN |
| 3 | APPLICATION THAT PRESENTED A VERY STRONG PLAN. THEY |
| 4 | HAVE GOOD PRECLINICAL DATA, AND THE PRECLINICAL |
| 5 | STUDIES SHOWED INCREASED VASCULAR PERFUSION, |
| 6 | INCREASED MUSCLE DEVELOPMENT AS A STRONG PROOF OF |
| 7 | CONCEPT, AS WELL AS SAFETY. THIS IS AN APPLICATION |
| 8 | THAT WAS RESUBMITTED, AND THE GWG MEMBERS FELT THE |
| 9 | APPLICANT PROVIDED VERY GOOD RESPONSES TO THE |
| 10 | PREVIOUS CONCERNS THAT THEY HAD. |
| 11 | THE ONE RECOMMENDATION, PERHAPS, AS |
| 12 | OPPOSED TO MAYBE A CONCERN, THAT THE REVIEWERS FELT |
| 13 | THAT THE APPLICANT SHOULD HAVE A PRE-IND MEETING |
| 14 | WITH THE FDA SOONER RATHER THAN LATER IN ORDER TO |
| 15 | MAKE SURE THAT THEY ALIGN THEIR IND PLAN PROPERLY |
| 16 | AND CAN ENSURE THEY HAVE A GOOD PLAN GOING FORWARD |
| 17 | FOR THIS PROJECT. |
| 18 | AND THEN THE SECOND CONCERN WAS TO FOCUS |
| 19 | IN ON CRITICAL LIMB ISCHEMIA AS OPPOSED TO THE |
| 20 | PATIENT POPULATION WHICH THEY ARE LARGELY TARGETING |
| 21 | WHICH IS A PATIENT POPULATION THAT IS CALLED INDUCED |
| 22 | CLAUDICATION. IT IS A PATIENT POPULATION THAT |
| 23 | EXPERIENCES PAIN IN RESPONSE TO EXERCISE. SO IT IS |
| 24 | A TYPE OF PERIPHERAL ARTERY DISEASE. THEY FELT THAT |
| 25 | THE GREATEST NEED IS IN CLI AND WOULD LIKE TO SEE |
| | |

| THE APPLICANTS MOVE INTO THAT ARENA. |
|--|
| SUPERVISOR SHEEHY: THANK YOU, DR. |
| SAMBRANO. |
| CAN I GET A MOTION TO EITHER FUND OR NOT? |
| I GUESS A MOTION TO FUND WOULD BE APPROPRIATE. |
| DR. QUINT: SO MOVED. |
| MS. LAPORTE: SECOND. |
| SUPERVISOR SHEEHY: ARE THERE ANY BOARD |
| COMMENTS? ANY PUBLIC COMMENT? |
| DR. JUELSGAARD: JUST A QUICK QUESTION. I |
| NOTED IN THE COMMENTS UNDER CONCERNS THERE'S TALK |
| ABOUT A LEAD PRODUCT IN DEVELOPMENT. IT SOUNDS AS |
| IF THEY'VE GOT SOMETHING ELSE GOING ON IN ADDITION |
| TO OR BESIDES THIS; IS THAT RIGHT? |
| DR. SAMBRANO: THEY HAVE SOMETHING ELSE |
| THAT HAS BEEN IN THE CLINIC. AND SO PART OF THE |
| CONCERN THAT THE REVIEWERS EXPRESSED DURING THE |
| FIRST ONE IS THAT THEY WANTED TO HAVE A HEAD-TO-HEAD |
| COMPARISON WITH AN ANALOGOUS PRODUCT THAT THEY HAVE. |
| THIS IS AN IMPROVEMENT ON THAT PRODUCT. SO, YES, |
| THERE IS ANOTHER THAT THEY HAVE DEVELOPED THAT IS |
| SIMILAR. |
| DR. JUELSGAARD: ALL RIGHT. THANKS. |
| SUPERVISOR SHEEHY: ANY OTHER BOARD |
| COMMENT? MARIA, COULD YOU CALL THE ROLL PLEASE. |
| 20 |
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| 1 | MS. BONNEVILLE: ANNE-MARIE DULIEGE. |
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| 2 | DAVID HIGGINS. |
| 3 | DR. HIGGINS: YES. |
| 4 | MS. BONNEVILLE: STEVE JUELSGAARD. |
| 5 | DR. JUELSGAARD: YES. |
| 6 | MS. BONNEVILLE: KATHY LAPORTE. |
| 7 | MS. LAPORTE: YES. |
| 8 | MS. BONNEVILLE: LAUREN MILLER. |
| 9 | MS. MILLER: YES. |
| 10 | MS. BONNEVILLE: ADRIANA PADILLA. |
| 11 | DR. PADILLA: YES. |
| 12 | MS. BONNEVILLE: JOE PANETTA. |
| 13 | MR. PANETTA: YES. |
| 14 | MS. BONNEVILLE: FRANCISCO PRIETO. |
| 15 | DR. PRIETO: AYE. |
| 16 | MS. BONNEVILLE: ROBERT QUINT. |
| 17 | DR. QUINT: YES. |
| 18 | MS. BONNEVILLE: AL ROWLETT. |
| 19 | MR. ROWLETT: YES. |
| 20 | MS. BONNEVILLE: JEFF SHEEHY. |
| 21 | SUPERVISOR SHEEHY: YES. |
| 22 | MS. BONNEVILLE: OS STEWARD. |
| 23 | DR. STEWARD: YES. |
| 24 | MS. BONNEVILLE: JONATHAN THOMAS. |
| 25 | CHAIRMAN THOMAS: YES. |
| | 21 |

| 1 | MS. BONNEVILLE: ART TORRES. |
|----|---|
| 2 | MR. TORRES: AYE. |
| 3 | MS. BONNEVILLE: DIANE WINOKUR. |
| 4 | MS. WINOKUR: YES. |
| 5 | MS. BONNEVILLE: MOTION CARRIES. |
| 6 | SUPERVISOR SHEEHY: THANK YOU. |
| 7 | SO NOW WE HAVE REMAINING ITEMS. ARE THERE |
| 8 | ANY OTHER OF THE REMAINING ITEMS THAT ANYONE WOULD |
| 9 | LIKE TO MOVE INTO THE FUNDABLE CATEGORY? |
| 10 | THEN COULD I GET A MOTION TO NOT FUND THE |
| 11 | REMAINING ITEMS? |
| 12 | MR. ROWLETT: SO MOVED. |
| 13 | DR. JUELSGAARD: SECOND. |
| 14 | SUPERVISOR SHEEHY: ANY BOARD COMMENT? |
| 15 | ANY PUBLIC COMMENT? |
| 16 | CHAIRMAN THOMAS: YES. WE HAVE DR. CHIU |
| 17 | HERE AT CITY OF HOPE WHO WOULD LIKE TO GIVE PUBLIC |
| 18 | COMMENT. |
| 19 | DR. CHIU: SO IT'S IN THE NATURE OF A |
| 20 | QUESTION. CAN EVERYBODY HEAR ME? |
| 21 | MS. BONNEVILLE: YES. |
| 22 | DR. CHIU: ACCORDING TO DR. SAMBRANO'S |
| 23 | CHART, THERE ARE NINE APPLICATIONS THAT HAD A SCORE |
| 24 | OF 1 TO 84; BUT IN THE PRINTOUT, I NOTICED SIX IN |
| 25 | THE GRAY ZONE. AND AM I MISREADING SOMETHING? WERE |
| | 22 |

| 1 | THERE ONLY SIX THAT WERE SCORED 1 TO 84 OR WERE |
|----|---|
| 2 | THERE NINE? |
| 3 | DR. SAMBRANO: THERE WERE 11 APPLICATIONS |
| 4 | THAT WERE REVIEWED. TWO WERE RECOMMENDED, NINE WERE |
| 5 | NOT, AND THE ONES THAT ARE NOT SHOWN ON THE |
| 6 | SPREADSHEET WITHDREW BEFORE THE BOARD MEETING. |
| 7 | DR. CHIU: THANK YOU. AND A SECOND |
| 8 | FOLLOW-UP QUICK QUESTION. THESE ARE THE ONES THAT |
| 9 | WERE REVIEWED, THE TOTAL NINE PLUS TWO THAT YOU |
| 10 | INDICATED. HOW MANY PROPOSALS CAME IN OUT OF WHICH |
| 11 | THESE 11 WERE SELECTED FOR REVIEW? |
| 12 | DR. SAMBRANO: SO ALL OF THE ELEVEN |
| 13 | APPLICATIONS THAT WERE REVIEWED WERE ALL THE |
| 14 | ELIGIBLE APPLICATIONS THAT WERE RECEIVED. |
| 15 | DR. CHIU: POSITIVELY SELECTED, RIGHT? |
| 16 | DR. SAMBRANO: THERE WAS NO POSITIVE |
| 17 | SELECTION. |
| 18 | DR. CHIU: THERE WAS NO POSITIVE |
| 19 | SELECTION. THESE ARE ALL THAT MET ELIGIBILITY? |
| 20 | DR. SAMBRANO: CORRECT. |
| 21 | DR. CHIU: JUST CLARIFY FOR ME, IF YOU |
| 22 | DON'T MIND, ARE TRAN PROPOSALS POSITIVELY SELECTED |
| 23 | OR JUST BY ELIGIBILITY? |
| 24 | DR. SAMBRANO: IT DEPENDS ON HOW MANY |
| 25 | PROPOSALS ARE RECEIVED. IF THERE ARE MORE PROPOSALS |
| | 23 |
| | LJ |

| 1 | THAN CAN BE TAKEN TO A SINGLE OR THROUGH A SINGLE |
|----|--|
| 2 | CYCLE OF THE GWG, THEN THEY UNDERGO POSITIVE |
| 3 | SELECTION. BUT SO FAR IN ALL THE TRAN CYCLES THAT |
| 4 | WE'VE HAD, WE HAVE RECEIVED A NUMBER OF APPLICATIONS |
| 5 | THAT MEANS WE DON'T HAVE TO CONDUCT A POSITIVE |
| 6 | SELECTION. THEY HAVE ALL BEEN UNDER THE AMOUNT THAT |
| 7 | WE CAN MANAGE. |
| 8 | DR. CHIU: OKAY. THANK YOU VERY MUCH. |
| 9 | SUPERVISOR SHEEHY: DO WE HAVE ANY OTHER |
| 10 | PUBLIC COMMENT? MARIA, COULD YOU CALL THE ROLL |
| 11 | PLEASE. |
| 12 | MR. HARRISON: JUST A REMINDER TO MEMBERS |
| 13 | WHO MAY HAVE AN INTEREST IN AN APPLICATION THAT |
| 14 | FALLS WITHIN THE TIERS, TO VOTE YES OR NO WITH |
| 15 | RESPECT TO THOSE APPLICATIONS IN WHICH YOU HAVE A |
| 16 | CONFLICT. |
| 17 | DR. JUELSGAARD: JEFF, COULD YOU REPEAT |
| 18 | THE MOTION SO WE'RE JUST CLEAR ON WHAT WE'RE VOTING |
| 19 | ON? |
| 20 | SUPERVISOR SHEEHY: THE MOTION IS TO NOT |
| 21 | FUND ANY OF THE REMAINING APPLICATIONS, WHICH I |
| 22 | THINK THERE'S SIX ON THIS PAGE. |
| 23 | MS. BONNEVILLE: ANNE-MARIE DULIEGE. |
| 24 | DAVID HIGGINS. |
| 25 | DR. HIGGINS: YES. |
| | 24 |
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| 1 [| MS. BONNEVILLE: STEVE JUELSGAARD. | |
|-----|-----------------------------------|----------|
| | | |
| 2 | DR. JUELSGAARD: YES. | |
| 3 | MS. BONNEVILLE: SHERRY LANSING. | KATHY |
| 4 | LAPORTE. | |
| 5 | MS. LAPORTE: YES. | |
| 6 | MS. BONNEVILLE: LAUREN MILLER. | |
| 7 | MS. MILLER: YES. | |
| 8 | MS. BONNEVILLE: ADRIANA PADILLA. | |
| 9 | DR. PADILLA: YES. | |
| 10 | MS. BONNEVILLE: JOE PANETTA. | |
| 11 | MR. PANETTA: YES. | |
| 12 | MS. BONNEVILLE: FRANCISCO PRIETO. | |
| 13 | DR. PRIETO: AYE. | |
| 14 | MS. BONNEVILLE: ROBERT QUINT. | |
| 15 | DR. QUINT: YES. | |
| 16 | MS. BONNEVILLE: AL ROWLETT. | |
| 17 | MR. ROWLETT: YES. | |
| 18 | MS. BONNEVILLE: JEFF SHEEHY. | |
| 19 | SUPERVISOR SHEEHY: YES. | |
| 20 | MS. BONNEVILLE: OS STEWARD. | |
| 21 | DR. STEWARD: YES. | |
| 22 | MR. HARRISON: EXCEPT FOR THOSE W | TH WHICH |
| 23 | YOU HAVE A CONFLICT. | |
| 24 | DR. STEWARD: EXCEPT FOR THOSE WIT | TH WHICH |
| 25 | I HAVE A CONFLICT. MY APOLOGIES. | |
| | 25 | |

| | BEIR C. DRAIN, CA CSR NO. 7132 | |
|----|--|--|
| 1 | MS. BONNEVILLE: JONATHAN THOMAS. | |
| 2 | CHAIRMAN THOMAS: YES. | |
| 3 | MS. BONNEVILLE: EXCEPT FOR THOSE WITH | |
| 4 | WHICH YOU HAVE A CONFLICT. | |
| 5 | CHAIRMAN THOMAS: EXCEPT FOR THOSE WITH | |
| 6 | WHICH I HAVE A CONFLICT. | |
| 7 | MS. BONNEVILLE: ART TORRES. | |
| 8 | MR. TORRES: AYE. | |
| 9 | MS. BONNEVILLE: DIANE WINOKUR. | |
| 10 | MS. WINOKUR: YES. | |
| 11 | MS. BONNEVILLE: THANK YOU. THE MOTION | |
| 12 | CARRIES. | |
| 13 | SUPERVISOR SHEEHY: I THINK THAT'S IT FOR | |
| 14 | BUSINESS TODAY. IT'S BACK TO YOU IF YOU WANT TO | |
| 15 | CLOSE OUT THE MEETING, CHAIRMAN THOMAS. | |
| 16 | CHAIRMAN THOMAS: THANK YOU, SUPERVISOR | |
| 17 | SHEEHY. | |
| 18 | LAST THING ON THE AGENDA IS GENERAL PUBLIC | |
| 19 | COMMENT ON ANY ITEMS OF INTEREST. HEARING NONE, WE | |
| 20 | STAND ADJOURNED. HAVE A GOOD DAY, EVERYBODY. | |
| 21 | (THE MEETING WAS THEN CONCLUDED AT | |
| 22 | 11:37 A.M.) | |
| 23 | | |
| 24 | | |
| 25 | | |
| | 26 | |
| | 26 | |

REPORTER'S CERTIFICATE

I, BETH C. DRAIN, A CERTIFIED SHORTHAND REPORTER IN AND FOR THE STATE OF CALIFORNIA, HEREBY CERTIFY THAT THE FOREGOING TRANSCRIPT OF THE TELEPHONIC PROCEEDINGS BEFORE THE INDEPENDENT CITIZEN'S OVERSIGHT COMMITTEE OF THE CALIFORNIA INSTITUTE FOR REGENERATIVE MEDICINE AND THE APPLICATION REVIEW SUBMITTEE IN THE MATTER OF ITS REGULAR MEETING ON MARCH 23, 2017, WAS HELD AS HEREIN APPEARS AND THAT THIS IS THE ORIGINAL TRANSCRIPT THEREOF AND THAT THE STATEMENTS THAT APPEAR IN THIS TRANSCRIPT WERE REPORTED STENOGRAPHICALLY BY ME AND TRANSCRIBED BY ME. I ALSO CERTIFY THAT THIS TRANSCRIPT IS A TRUE AND ACCURATE RECORD OF THE PROCEEDING.

BETH C. DRAIN, CA CSR 7152 133 HENNA COURT SANDPOINT, IDAHO (208) 255-5453