

# Brain & Lung Tumor and Air Pollution Foundation

21865 Copley Drive ❖ Diamond Bar CA 91765

Michael D. Antonovich, Chair

Robert Davidson, Vice Chair

## Board of Directors – Special Meeting

**July 15, 2005 ♦ 10:00 a.m.**

### AGENDA

The public may attend at any location listed below or by teleconference by calling 1-800-373-0950 and entering Participant Passcode 620351 followed by # key

#### Teleconference Locations:

Office of South Coast AQMD 21865 Copley Dr – EO Conf Rm Diamond Bar CA	Office of Hal Bernson 11280 Corbin Ave, Suite A Porter Ranch CA
Office of Chairman Spvr. Michael Antonovich 500 W Temple St, 869 Hall of Administration Los Angeles C	Office of James Silva 16541 Peale Lane Huntington Beach CA

#### Staff Member or Director

1.	<b>Approve Minutes of February 22, 2005 meeting</b> (Attachment pp. 2-3)	Chery Cooper Foundation Secretary
2.	<b>Consider Funding of a Research Proposal from Cedars-Sinai Medical Center</b> Cedars-Sinai has proposed to extend research studies on the role of air pollutants in brain tumor formation. This action is to review the proposal and authorize funding.	Barry Wallerstein Chief Executive Officer
3.	<b>Other Business</b> Any member of the Foundation, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Government Code §54954.2)	
8.	<b>Next Meeting</b> Will be scheduled as needed.	
9.	<b>Public Comment</b> Members of the public may address the Foundation's Board concerning any agenda item before or during consideration of that item (Government Code §54954.3). All agendas for regular meetings are posted at SCAQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of a regular meeting. At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Board's authority.	
	<b>Americans with Disabilities Act</b> The agenda and documents in the agenda packet will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Govt. Code Section 54954.2(a)). Disability-related accommodations will also be made available to allow participation in the meeting. Any accommodations must be requested as soon as practicable. Requests will be accommodated to the extent feasible. Please contact Chery Cooper at 909-396-2745 from 7 a.m. to 5:30 p.m. Tuesday through Friday, or send the request to <a href="mailto:ccooper@aqmd.gov">ccooper@aqmd.gov</a> .	

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Directors: Hal Bernson, Bea LaPisto-Kirtley, James Silva

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# Brain Tumor and Air Pollution Foundation

21865 Copley Drive ❖ Diamond Bar CA 91765

Michael D. Antonovich, Chair

Robert Davidson, Vice Chair

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## Minutes February 22, 2005

Chairman Antonovich called the meeting of the Brain Tumor and Air Pollution Foundation to order at noon. Present by teleconference from the locations indicated were the following Directors (in alphabetical order):

Michael D. Antonovich - 500 W. Temple St., 869 Hall of Administration, Los Angeles CA  
Hal Bernson - 11280 Corbin Ace., Suite A, Porter Ranch CA  
Robert Davidson - 3360 E Pico Blvd., Los Angeles CA  
Beatrice LaPisto-Kirtley - 4201 Wilshire Blvd., Suite 200, Los Angeles CA<sup>1</sup>

Not attending:  
James Silva

Also present by teleconference from AQMD Headquarters at 21865 Copley Dr., Diamond Bar CA 91765 were the following individuals (in alphabetical order):

Chery Cooper, Foundation Secretary  
Dr. Jean Ospital, SCAQMD Health Effects Officer  
Dr. Barry Wallerstein, Foundation Chief Executive Officer  
Kurt Wiese, Counsel

1. APPROVE MINUTES OF MARCH 3, 2004 AND MARCH 5, 2004 MEETINGS

Moved (Davidson), seconded (Antonovich) and unanimously approved.

2. ANNUAL MEETING OF THE BRAIN AND LUNG TUMOR AND AIR POLLUTION FOUNDATION, INCLUDING FINANCIAL REPORT, AND RECOMMENDATION THAT AQMD BOARD APPOINT BEATRICE LAPISTO-KIRTLEY TO THE BRAIN AND LUNG TUMOR AND AIR POLLUTION FOUNDATION BOARD OF DIRECTORS

Moved (Davidson), seconded (Antonovich) and unanimously approved.

3. REPORT ON THE CALIFORNIA NON-PROFIT INTEGRITY ACT (SB1262) AND ITS IMPACT ON THE FOUNDATION

Counsel Kurt Wiese reported that this law applies to organizations with revenues exceeding \$2 million. If the Foundation were ever to be in a position to reach that threshold, Counsel would return with further guidance for the Board of Directors.

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<sup>1</sup> At the SCAQMD Governing Board's meeting on March 4, 2005, Beatrice LaPisto-Kirtley was formally appointed to the Board of the Brain & Lung Tumor and Air Pollution Foundation.

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Directors: Hal Bernson, Beatrice LaPisto-Kirtley, James Silva

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4. STATUS REPORT ON THE FOUNDATION'S AUTHORITY TO FUND A MEDICAL DEVICE PROPOSAL SUBMITTED BY MICROSURGEON, INC.

Counsel Kurt Wiese reported that the Foundation may not use its funds derived from SCAQMD for purposes that the SCAQMD would be prohibited from doing. An outside legal opinion was obtained and opines that this investment is prohibited. In granting \$1.5 million to the Foundation, the SCAQMD directed that the name and purpose of the Foundation be changed to include lung tumors and to return to AQMD a percentage of any royalties resulting from research funded by the Foundation. The proposed investment in MicroSurgeon to fund a medical device proposal may have generated royalties, but the issue is moot, given the opinion of outside counsel.

Counsel Kurt Wiese requested that, for purpose of clarity, the Foundation Board re-approve the change of name and purpose to include lung tumors. Moved (Davidson), seconded (Antonovich) and unanimously approved.

4. REPORT ON CURRENT RESEARCH PROJECTS FUNDED BY THE FOUNDATION

Health Effects Officer Jean Ospital reported on promising results from studies underway pursuant to both grants and recommended that, if additional funding becomes available, the Foundation Board may wish to consider providing additional funding on both grants to continue the work in progress. Moved (Davidson), seconded (Antonovich) and unanimously approved the receipt of this report.

5. FUTURE RESEARCH OPPORTUNITIES FOR THE FOUNDATION

Health Effects Officer Jean Ospital reported on possible future research projects that the Foundation Board might consider. This included follow up studies in laboratory animals at Cedars-Sinai, as well as assessing exposure to air pollutants in the children's brain tumor study at USC. Staff recommended that the Board authorize the Executive Officer to work with the researchers to draft proposals for this research for consideration by the Foundation. The Board concurred with this recommendation.

6. OTHER BUSINESS - None

7. NEXT MEETING - The next meeting will be a joint meeting with the South Coast Air Quality Management District on March 4, 2005.

8. PUBLIC COMMENT - There was no public comment.

There being no further business, the meeting was adjourned.

Dated: February 22, 2005

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Chery Cooper, Foundation Secretary

APPROVAL OF MINUTES:

Date: \_\_\_\_\_

\_\_\_\_\_  
Directors: Hal Bernson, Beatrice LaPisto-Kirtley, James Silva

# Brain & Lung Tumor and Air Pollution Foundation

21865 Copley Drive ❖ Diamond Bar CA 91765

Michael D. Antonovich, Chair

Robert Davidson, Vice Chair

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**DATE:** July 13, 2005

**TO:** Board of Directors  
Brain and Lung Tumor and Air Pollution Foundation

**FROM:** Barry R. Wallerstein, Chief Executive Officer

**SUBJECT:** Brain Tumor and Air Pollution Research Proposal

Attached for your consideration is a grant proposal for research on the potential link between air pollution and brain tumors. The proposal is from Dr. Keith Black of Cedars Sinai Medical Center. It extends the research from the initial grant to Cedars Sinai, the results of which were presented by Dr. Black to the AQMD Governing Board in June, 2005. A copy of the presentation is attached. The proposed funding is \$1.5 million over a two year period.

The scope of work includes exposure of laboratory animals for up to 12 months to toxic air contaminants, and exposures to concentrated ambient particulate matter, including the ultrafine fraction, for up to three months. Brain tissue from exposed and control animals will be assessed for pathological and bio-molecular changes that may be related to brain tumor formation. This will include measuring any changes in genetic and protein activity. The findings will be compared to changes in human brain tumor tissue. The exposures will be conducted in collaboration with Dr. Michael Kleinman at the U.C. Irvine Department of Medicine.

This project will identify any changes in genes and proteins in animals chronically exposed to air pollutants, and will determine if such changes are related to those found in human brain tumors.

Staff recommends that the Board approved funding of this proposal and authorize the Chief Executive Officer to execute a grant agreement with Cedars Sinai Medical Center to conduct the proposed research in an amount not to exceed \$1.5 million.

The Foundation Board is scheduled to meet this Friday, July 15, 2005, to consider this recommendation.