HEMISPHERX BIOPHARMA INC Form PRE 14A July 16, 2008

#### SCHEDULE 14A (Rule 14a-101) INFORMATION REQUIRED IN PROXY STATEMENT SCHEDULE 14A INFORMATION Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the Registrant x Filed by a Party other than the Registrant o Check the appropriate box:

Х	Preliminary Proxy Statement
0	Confidential, for Use of the Commission Only (as Permitted by Rule 14a-6(e)(2))
0	Definitive Proxy Statement
0	Definitive Additional Materials
0	Solicitation Material Pursuant to Rule 14a-11(c) or rule 14a-12
	Hemispherx Biopharma, Inc.

(Name of Registrant as Specified in its Charter)

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#### HEMISPHER<sub>X</sub> BIOPHARMA, INC. 1617 JFK Boulevard Philadelphia, Pennsylvania 19103 NOTICE OF ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON SEPTEMBER 17, 2008

To the Stockholders of Hemispherx Biopharma, Inc.:

You are cordially invited to attend the Annual Meeting of Stockholders of Hemispherx Biopharma, Inc. ("Hemispherx"), a Delaware corporation, to be held at the Crown Plaza Hotel, 1800 Market Street, Philadelphia Pennsylvania 19103, on Wednesday, September 17, 2008, at 10:00 a.m. local time, for the following purposes:

- 1. To elect five members to the Board of Directors of Hemispherx to serve until their respective successors are elected and qualified;
- 2. To ratify the selection by Hemispherx's audit committee of McGladrey & Pullen, LLP, independent registered public accountants, to audit the financial statements of Hemispherx for the year ending December 31, 2008;
  - 3. To approve the issuance of our Common Stock to comply with AMEX Company Guide Section 713.
  - 4. To transact such other matters as may properly come before the meeting or any adjournment thereof.

Only stockholders of record at the close of business on July 21, 2008 are entitled to notice of and to vote at the meeting.

A proxy statement and proxy are enclosed. If you are unable to attend the meeting in person you are urged to sign, date and return the enclosed proxy promptly in the self addressed stamped envelope provided. If you attend the meeting in person, you may withdraw your proxy and vote your shares. We have also enclosed our annual report for the fiscal year ended December 31, 2007.

By Order of the Board of Directors

s\Ransom W. Etheridge, Secretary Philadelphia, Pennsylvania July \_\_\_\_\_, 2008

### YOUR VOTE IS IMPORTANT

We urge you to promptly vote your shares by completing, signing, dating and returning your proxy card in the enclosed envelope.

### PROXY STATEMENT

### HEMISPHER<sub>X</sub> BIOPHARMA, INC. 1617 JFK Boulevard Philadelphia, Pennsylvania 19103

#### **INTRODUCTION**

This proxy statement is furnished in connection with the solicitation of proxies for use at the annual meeting of stockholders of Hemispherx Biopharma, Inc. ("Hemispherx" or the "Company") to be held on Wednesday, September 17, 2008, and at any adjournments. The accompanying proxy is solicited by the Board of Directors of Hemispherx and is revocable by the stockholder by notifying Hemispherx's Corporate Secretary at any time before it is voted, or by voting in person at the annual meeting. This proxy statement and accompanying proxy are being distributed to stockholders beginning on or about August 8, 2008. The principal executive offices of Hemispherx are located at 1617 JFK Boulevard, Philadelphia, Pennsylvania 19103, telephone (215) 988-0080.

### **OUTSTANDING SHARES AND VOTING RIGHTS**

#### **RECORD DATE; OUTSTANDING SHARES**

Only stockholders of record at the close of business on July 21, 2008, the record date, are entitled to receive notice of, and vote at the annual meeting. As of the record date, the number and class of stock outstanding and entitled to vote at the meeting was \_\_\_\_\_\_ shares of common stock, par value \$.001 per share. Each share of common stock is entitled to one vote on all matters. No other class of securities will be entitled to vote at the meeting. There are no cumulative voting rights.

The five nominees receiving the highest number of votes cast by the holders of common stock represented and voting at the meeting will be elected as Hemispherx's directors and constitute the entire Board of directors of Hemispherx. The affirmative vote of at least a majority of the shares represented and voting at the annual meeting at which a quorum is present (which shares voting affirmatively also constitute at least a majority of the required quorum) is necessary for approval of Proposal No. 2 and Proposal No. 3.

### **ADMISSION TO THE MEETING**

Stockholders (or their authorized representatives) may attend the meeting. Verification of stock ownership will be required. If you own shares in your name or hold them through a broker (and can provide documentation showing ownership as of the end of day on July 21, 2008, the record date), you will be permitted to attend. Stockholders will be admitted to the meeting beginning at 9:45am EST. Seating is limited.

### **REVOCABILITY OF PROXIES**

If you attend the meeting, you may vote in person, regardless of whether you have submitted a proxy. Any person giving a proxy in the form accompanying this proxy statement has the power to revoke it at any time before it is voted. It may be revoked by filing, with the corporate secretary of Hemispherx at its principal offices, 1617 JFK Boulevard, Suite 660, Philadelphia, PA 19103, a written notice of revocation or a duly executed proxy bearing a later date, or it may be revoked by attending the meeting and voting in person.

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## VOTING AND SOLICITATION

Every stockholder of record is entitled, for each share held, to one vote on each proposal or item that comes before the meeting. There are no cumulative voting rights. By submitting your proxy, you authorize William A. Carter and Ransom W. Etheridge and each of them to represent you and vote your shares at the meeting in accordance with your instructions. Messrs. Carter and Etheridge and each of them may also vote your shares to adjourn the meeting from time to time and will be authorized to vote your shares at any adjournment or postponement of the meeting.

Hemispherx has borne the cost of preparing, assembling and mailing this proxy solicitation material. The total cost estimated to be spent and the total expenditures to date for, in furtherance of, or in connection with the solicitation of stockholders is approximately \$60,000. Hemispherx may reimburse brokerage firms and other persons representing beneficial owners of shares for their expenses in forwarding soliciting materials to beneficial owners. Proxies may be solicited by certain of Hemispherx's directors, officers and employees, without additional compensation, personally, by telephone or by facsimile.

We have hired the firm of MacKenzie Partners, Inc. to assist in the solicitation of proxies on behalf of the Board of Directors. MacKenzie has agreed to perform this service for a proposed fee of \$5,000 plus out-of-pocket expenses.

### ADJOURNED MEETING

The chair of the meeting may adjourn the meeting from time to time to reconvene at the same or some other time, date and place. Notice need not be given of any such adjournment meeting if the time, date and place thereof are announced at the meeting at which the adjournment is taken. If the time, date and place of the adjournment meeting are not announced at the meeting which the adjournment is taken, then the Secretary of the Company shall give written notice of the time, date and place of the adjournment meeting not less than ten (10) days prior to the date of the adjournment meeting also shall be given if the meeting is adjourned in a single adjournment to a date more than 30 days or in successive adjournments to a date more than 120 days after the original date fixed for the meeting.

### TABULATION OF VOTES

The votes will be tabulated and certified by Hemispherx's transfer agent.

### VOTING BY STREET NAME HOLDERS

If you are the beneficial owner of shares held in "street name" by a broker, the broker, as the record holder of the shares, is required to vote those shares in accordance with your instructions. If you do not give instructions to the broker, the broker will nevertheless be entitled to vote the shares with respect to "discretionary" items but will not be permitted to vote the shares with respect to "non-discretionary" items (in which case, the shares will be treated as "broker non-votes").

### QUORUM; ABSTENTIONS; BROKER NON-VOTES

The required quorum for the transaction of business at the annual meeting is a majority of the shares of common stock entitled to vote at the annual meeting, in person or by proxy. Shares that are voted "FOR," "AGAINST" or "WITHHELD FROM" a matter are treated as being present at the meeting for purposes of establishing a quorum and are also treated as shares represented and voting the votes cast at the annual meeting with respect to such matter.

While there is no definitive statutory or case law authority in Delaware as to the proper treatment of abstentions, Hemispherx believes that abstentions should be counted for purposes of determining both: (i) the presence or absence of a quorum for the transaction of business; and (ii) the total number of votes cast with respect to a proposal (other

than the election of directors). In the absence of controlling precedent to the contrary, Hemispherx intends to treat abstentions in this manner. Accordingly, abstentions will have the same effect as a vote against the proposal (other than the election of directors).

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Under current Delaware case law, while broker non-votes (see "Voting By Street Name Holders" above) should be counted for purposes of determining the presence or absence of a quorum for the transaction of business, broker non-votes should not be counted for purposes of determining the number of votes cast with respect to the particular proposal on which the broker has expressly not voted. Hemispherx intends to treat broker non-votes in this manner. Thus, a broker non-vote will make a quorum more readily obtainable, but the broker non-vote will not otherwise affect the outcome of the voting on a proposal.

# DEADLINE FOR RECEIPT OF STOCKHOLDER PROPOSALS

Proposals of stockholders to be considered for inclusion in the Proxy Statement and proxy card for the 2009 Annual Meeting of Stockholders must be received by the Company's Secretary, at Hemispherx Biopharma, Inc., 1617 JFK Boulevard, Philadelphia, PA 19103 no later than January 13, 2009.

Pursuant to the Company's Restated and Amended Bylaws all stockholder proposals may be brought before an annual meeting of stockholders only upon timely notice thereof in writing having been given the Secretary of the Company. To be timely, a stockholder's notice, for all stockholder proposals other than the nomination of candidates for director, shall be delivered to the Secretary at the principal executive offices of the Company not less than sixty (60) nor more than ninety (90) days prior to the anniversary date of the immediately preceding annual meeting of stockholders; provided, however, that in the event that the annual meeting is called for a date that is not within thirty (30) days before or after such anniversary date, the stockholder's notice in order to be timely must be so received not later than the close of business on the tenth (10<sup>th</sup>) day following the day on which such notice of the date of the annual meeting was mailed or public disclosure of the date of the annual meeting was made, whichever first occurs. To be timely, a stockholder's notice, with respect to a stockholder proposal for nomination of candidates for director, shall be delivered to the Secretary at the principal executive offices of the Company not less than ninety (90) nor more than one hundred twenty (120) days prior to the anniversary date of the immediately preceding annual meeting of stockholders; provided, however, that in the event that the annual meeting is called for a date that is not within thirty (30) days before or after such anniversary date, the stockholder's notice in order to be timely must be so received not later than the close of business on the tenth (10<sup>th</sup>) day following the day on which such notice of the date of the annual meeting was mailed or public disclosure of the date of the annual meeting was made, whichever first occurs. Provided, however, in the event that the stockholder proposal relates to the nomination of candidates for director and the number of directors to be elected to the Board of Directors of the Company at an annual meeting is increased and there is no public announcement by the Company naming all of the nominees for director or specifying the size of the increased Board of Directors at least one hundred days prior to the first anniversary of the preceding year's annual meeting, a stockholder's notice shall also be considered timely, but only with respect to nominees for any new positions created by such increase, if it shall be delivered to the Secretary at the principal executive offices of the Company not later than the close of business on the tenth day following the day on which such public announcement is first made by the Company. All stockholder proposals must contain all of the information required under the Company's Bylaws, a copy of which is available upon written request, at no charge, from the Secretary. The Company reserves the right to reject, rule out of order, or take other appropriate action with respect to any proposal that does not comply with these and other applicable requirements.

## INFORMATION CONCERNING BOARD MEETINGS

The Board of Directors is responsible for the management and direction of Hemispherx and for establishing broad corporate policies. A primary responsibility of the Board is to provide effective governance over the Company's affairs for the benefit of its stockholders. In all actions taken by the Board, the Directors are expected to exercise their business judgment in what they reasonably believe to be the best interests of the Company. In discharging that obligation, Directors may rely on the honesty and integrity of the Company's senior executives and its outside advisors and auditors.

The Board of Directors and various committees of the Board meet periodically throughout the year to receive and discuss operating and financial reports presented by the chief executive officer, the chief operating officer and chief financial officer as well as reports by experts and other advisors. Corporate review sessions are also offered to Directors to help familiarize them with Hemispherx's technology and operations. Members of the Board are encouraged to attend Board meetings in person, unless the meeting is held by teleconference. The Board held four meetings in 2007 and executed two unanimous consents. All directors attended these meetings. Directors are expected to attend the Annual Meeting absent unusual circumstances, although Hemispherx has no formal policy on the matter. All of the Directors attended the 2007 Annual Meeting.

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In 2007, the non-employee members of the Board of Directors met one time in executive session, i.e. with no employee Directors or management personnel present. Richard Piani is the Lead Director to preside over meetings. Interested persons may contact the Lead Director or the non-employee Directors by sending written comments through the Office of the Secretary of the Company. The Office will either forward the original materials as addressed or provide Directors with summaries of the submissions, with the originals available for review at the Directors' request.

#### INFORMATION CONCERNING COMMITTEES OF THE BOARD

The Board of Directors maintains the following committees:

#### **Executive Committee**.

The Executive Committee is composed of William A. Carter, Chief Executive Officer and Chairman of the Board, Richard Piani, Lead Director, and Ransom Etheridge, Secretary and director. The Executive Committee had two meetings in 2007. All committee members attended these meetings. The Committee assists the Board by making recommendations to management regarding general business matters of Hemispherx.

#### **Compensation Committee.**

The Compensation Committee is composed of Dr. William Mitchell, director, Richard C. Piani, director, and Dr. Iraj-Eqhbal Kiani, director. The Compensation Committee makes recommendations concerning salaries and compensation for officers, employees of and consultants to Hemispherx. The full text of the Compensation Committee Charter, as approved by the Board, is available on our website: <u>www.hemispherx.net</u>. This committee met three times consisting of one meeting and two conference calls in 2007 and all committee members were in attendance

#### **Corporate Governance and Nomination Committee.**

In 2007, the Corporate Governance and Nomination Committee had one meeting and all members were present.

The Corporate Governance and Nomination Committee consists of Dr. William Mitchell, Committee Chair, Richard Piani and Iraj E. Kiani, Ph.D. All of the members of the Committee meet the independence standards contained within the AMEX Company Guide and the Hemispherx Corporate Governance Guidelines. The full text of the Corporate Governance and Nomination Committee Charter as well as the Corporate Governance Guidelines, as approved by the Board, are available on our website: <u>www.hemispherx.net</u>.

As discussed below, the Committee is responsible for recommending candidates to be nominated by the Board for election by the stockholders or to be appointed by the Board of Directors to fill vacancies consistent with the criteria approved by the Board. It also is responsible for periodically assessing Hemispherx's Corporate Governance Guidelines and making recommendations to the Board for amendments, recommending to the Board the compensation of Directors, taking a leadership role in shaping corporate governance, and overseeing an annual evaluation of the Board.

The Corporate Governance and Nomination Committee is responsible for identifying candidates who are eligible under the qualification standards set forth in Hemispherx's Corporate Governance Guidelines to serve as members of the Board. The Hemispherx qualification standards, inter alia, provide that no member of the board of directors may serve on more than six public company boards and that no member of the board of directors who also serves as a Chief Executive Officer of a public company may serve on more than three public company boards. The Committee is authorized to retain search firms and other consultants to assist it in identifying candidates and fulfilling its other duties. The Committee is not limited to any specific process in identifying candidates and will consider candidates

suggested by stockholders. Candidates are recommended to the Board after consultation with the Chairman of the Board. In recommending Board candidates, the Committee considers a candidate's: (1) general understanding of elements relevant to the success of a large publicly traded company in the current business environment, (2) understanding of Hemispherx's business, and (3) educational and professional background. The Committee also gives consideration to a candidate's judgment, competence, anticipated participation in Board activities, experience, geographic location and special talents or personal attributes. Stockholders who wish to suggest qualified candidates should write to the Corporate Secretary, Hemispherx Biopharma, Inc., 1617 JKF Blvd., Ste. 660, Philadelphia, PA 19103, stating in detail the qualifications of such persons for consideration by the Committee.

The Company aspires to the highest standards of ethical conduct; reporting results with accuracy and transparency; and maintaining full compliance with the laws, rules and regulations that govern the Company's business. Hemispherx's Corporate Governance Guidelines embody many of our policies and procedures which are the foundation of our commitment to best practices. The guidelines are reviewed annually, and revised as necessary to continue to reflect best practices.

## Audit Committee and Audit Committee Expert.

Hemispherx's Audit Committee of the Board of Directors consists of Richard Piani, Committee Chairman, William Mitchell, M.D and Iraj E. Kiani, Ph.D. The Audit Committee operates under a written charter approved by the Board of Directors and available on our website: www.hemispherx.net. Dr. Iraj E. Kiani, Dr. Mitchell, and Mr. Piani are all determined by the Board of Directors to be independent directors as required under Section 121B(2)(a) of the AMEX Company Guide. We do not have a financial expert as defined in the SEC rules on the committee in the true sense of the description. However, Mr. Piani has 40 years experience in business and has served in senior level and leadership positions for International Business. His working experience includes reviewing and analyzing financial statements and dealing with financial institutions. Hemispherx believes Dr. Iraj E. Kiani, Dr. Mitchell, and Mr. Piani to be independent of management and free of any relationship that would interfere with their exercise of independent judgment as members of this committee. The principal functions of the Audit Committee are to (i) assist the Board in fulfilling its oversight responsibility relating to the annual independent audit of Hemispherx's consolidated financial statements and internal control over financial reporting, the engagement of the independent registered public accounting firm and the evaluation of the independent registered public accounting firm's qualifications, independence and performance, (ii) prepare the reports or statements as may be required by AMEX or the securities laws, (iii) assist the Board in fulfilling its oversight responsibility relating to the integrity of Hemispherx's financial statements and financial reporting process and Hemispherx's system of internal accounting and financial controls, (iv) discuss the financial statements and reports with management, including any significant adjustments, management judgments and estimates, new accounting policies and disagreements with management, and (v) review disclosures by independent registered public accounting firm concerning relationships with Hemispherx and the performance of Hemispherx's independent registered public accounting firm.

## Audit Committee Report.

The primary responsibility of the Audit Committee (the "Committee") is to assist the Board of Directors in discharging its oversight responsibilities with respect to financial matters and compliance with laws and regulations. The primary methods used by the Committee to fulfill its responsibility with respect to financial matters are:

•To appoint, evaluate, and, as the Committee may deem appropriate, terminate and replace the Company's independent registered public accountants;

- To monitor the independence of the Company's independent registered public accountants;
- To determine the compensation of the Company's independent registered public accountants;

•To pre-approve any audit services, and any non-audit services permitted under applicable law, to be performed by the Company's independent registered public accountants;

•To review the Company's risk exposures, the adequacy of related controls and policies with respect to risk assessment and risk management;

•To monitor the integrity of the Company's financial reporting processes and systems of control regarding finance, accounting, legal compliance and information systems;

•To facilitate and maintain an open avenue of communication among the Board of Directors, management and the Company's independent registered public accounting firm.

The Audit Committee is composed of three Directors, and the Board has determined that each of those Directors is independent as that term is defined in Sections 121(B)(2)(a) of the American Stock Exchange Company Guide.

The Committee met two times in 2007. All committee members were present at the meetings. In addition, the Committee conducted four teleconference calls. All Committee members were present, except for one call when one Committee member was not available.

In discharging its responsibilities relating to internal controls, accounting and financial reporting policies and auditing practices, the Committee discussed with the Company's independent registered public accounting firm, McGladrey & Pullen, LLP, the overall scope and process for its audit. The Committee regularly meets with McGladrey & Pullen, LLP, with and without management present, to discuss the results of its examinations, the evaluations of our internal controls and the overall quality of the Company's financial reporting.

The Committee has discussed with McGladrey & Pullen, LLP its judgments about the quality, in addition to the acceptability, of the Company's accounting principles as applied in the Company's financial reporting, as required by Statement on Auditing Standards No. 90 "Communications with Audit Committees."

The Committee also has received the written disclosures and a letter from McGladrey & Pullen, LLP that is required by the Independence Standards Board Standard No. 1, *Independence Discussions with Audit Committees*, and has discussed with McGladrey & Pullen, LLP their independence.

The Committee has met and held discussions with management. The Committee has reviewed and discussed with management Hemispherx's audited consolidated financial statements as of and for the fiscal year ended December 31, 2007, as well as the internal control requirements of the Sarbanes-Oxley Act of 2002.

Based on the reviews and discussions referred to above, the Committee recommended to the Board of Directors that the audited financial statements referred to above be included in the Company's Annual Report for the year ended December 31, 2007.

This report is respectfully submitted by the members of the Audit Committee of the Board of Directors.

Richard Piani, Chairman William M. Mitchell Iraj E. Kiani

### **Strategic Planning Committee.**

The Strategic Planning Committee is composed of William A. Carter, William M. Mitchell, and Ransom W. Etheridge. The Committee met one time in 2007 and all committee members were in attendance. The Strategic Planning Committee makes recommendations to the Board of Directors of priorities in the application of Hemispherx's financial assets and human resources in the fields of research, marketing and manufacturing. The Strategic Planning Committee has engaged a number of leading consultants in healthcare, drug development and pharmaeconomics to assist in the analysis of various products being developed and/or potential acquisitions being considered by Hemispherx.

#### **Lead Director**

Richard Piani is the lead director. Mr. Piani has been a director of the Company since 1995. The lead director: (i) presides at all meetings of the Board at which the Chairman is not present, including executive sessions of the independent Directors; (ii) serves as liaison between the Chairman and the independent Directors; (iii) approves information sent to the Board; (iv) approves meeting agendas for the Board; (v) approves meeting schedules to assure that there is sufficient time for discussion of all agenda items; (vi) has the authority to call meetings of the independent Directors; and (vii) if requested by major stockholders, ensures that he is available for consultation and direct communication.

#### **Code of Ethics and Business Conduct**

Hemispherx's Board of Directors adopted a code of ethics and business conduct for officers, directors and employees that went into effect on May 19, 2003. This code has been presented and reviewed by each officer, director and employee. You may obtain a copy of this code by visiting our web site at <u>www.hemispherx.net</u> or by written request to our Office Administrator at 1617 JFK Boulevard, Suite 660, Philadelphia, PA 19103. Our Board of Directors is required to approve any waivers of the code of ethics and business conduct for Directors or executive officers and we are required to disclose any such waiver in a Current Report on Form 8-K within four business days.

#### **Stock Ownership Guidelines**

In April 2005, the Board of Directors adopted a set of stock ownership guidelines for Directors and officers. The Board believes that Directors and officers more effectively represent the interest of Hemispherx's stockholders if they are stockholders themselves. At this time, all of our Directors and officers are stockholders and this guideline was adopted to assure that the present Directors and officers continue to participate as well as future Directors and officers. The full text of the Stock Ownership Guidelines, as approved by the Board, are available on our website: www.hemispherx.net.

#### Communication with the Board of Directors

Interested parties wishing to contact the Board of Directors of the Company may do so by writing to the following address: Board of Directors, c/o Ransom W. Etheridge, Director, Corporate Secretary and General Counsel, P.O. Box 3025., Virginia Beach, VA 23454. All letters received will be categorized and processed by the Corporate Secretary and then forwarded to the Company's Board of Directors.

#### **Director Attendance at Annual Meetings of Stockholders**

Directors are encouraged, but not required, to attend the Annual Meeting of Stockholders. At the 2007 Annual Meeting, all six sitting Directors were in attendance.

### INFORMATION CONCERNING EXECUTIVE OFFICERS

The following sets forth biographical information about Hemispherx's executive officers and key personnel:

Name	Age	Position
William A. Carter, M.D.	70	Chairman, Chief Executive Officer
Anthony A. Bonelli	56	President, Chief Operating Officer
Robert E. Peterson	71	Chief Financial Officer
David R. Strayer, M.D.	62	Medical Director, Regulatory Affairs
Carol A. Smith, Ph.D.	56	Vice President of Manufacturing
Katalin Ferencz-Biro	61	Senior Vice President of Regulatory Affairs
Ransom W. Etheridge	69	Secretary and General Counsel

Wayne Springate	37	Vice President of Operations
Russell Lander	57	Vice President of Quality Assurance
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For biographical information about William A. Carter, M.D., please see the discussion under the heading "Proposal No. 1 Election of Directors" below.

**ANTHONY A. BONELLI** was appointed as President and Chief Operating Officer in November 2006. Mr. Bonelli is a graduate of Harvard University with a degree in Biological Sciences as well as an MBA from Rutgers University Graduate School of Business and JD from the University of San Francisco. Mr. Bonelli has over twenty-five years of diversified healthcare industry experience. Most recently, he served as President and CEO of Optigenex, an applied DNA sciences company, since October 2005, having joined that company in September 2004 as President and Chief Operating Officer. As principal of Anthony Bonelli Associates between 1999 and 2004, some of the firms he has advised include Parke-Davis, Schering-Plough Company, Aventis, Pharmacia and Pfizer. From 1998 to 1999, he was President and COO of Vitaquest International, a custom developer and manufacturer of vitamins and nutritional supplements.

**ROBERT E. PETERSON** has served as our Chief Financial Officer since April, 1993 and served as an Independent Financial Advisor to us from 1989 to April, 1993. Also, Mr. Peterson has served as Vice President of the Omni Group, Inc., a business consulting group based in Tulsa, Oklahoma since 1985. From 1971 to 1984, Mr. Peterson worked for PepsiCo, Inc. and served in various financial management positions including Vice President and Chief Financial Officer of PepsiCo Foods International and PepsiCo Transportation, Inc. Mr. Peterson is a graduate of Eastern New Mexico University.

**DAVID R. STRAYER, M.D.** who served as Professor of Medicine at the Medical College of Pennsylvania and Hahnemann University, has acted as our Medical Director since 1986. He is Board Certified in Medical Oncology and Internal Medicine with research interests in the fields of cancer and immune system disorders. Dr. Strayer has served as principal investigator in studies funded by the Leukemia Society of America, the American Cancer Society, and the National Institutes of Health. Dr. Strayer attended the School of Medicine at the University of California at Los Angeles where he received his M.D. in 1972.

**CAROL A. SMITH, Ph.D.** is VP of Manufacturing and has served as our Director of Manufacturing and Process Development from 1995 to 2003, as Director of Operations from 1993 to 1995 and as the Manager of Quality Control from 1991 to 1993, with responsibility for the manufacture, quality control, process development, technology transfer to contract manufacturers and the chemistry of Ampligen®. Dr. Smith was Scientist/Quality Assurance Officer for Virotech International, Inc. from 1989 to 1991 and Director of the Reverse Transcriptase and Interferon Laboratories and a Clinical Monitor for Life Sciences, Inc. from 1983 to 1989. She received her Ph.D. in Medical Sciences with a concentration on Virology from the University of South Florida, College of Medicine in 1980 and was an NIH post-doctoral fellow in the Department of Microbiology and Virology at the Pennsylvania State University College of Medicine from 1980 to 1983.

**KATALIN FERENCZ-BIRO, Ph.D.** has served as the Company's Senior Vice President of Regulatory Affairs and Quality Assurance Departments since January 2007. She served as the Director of Regulatory Affairs and Quality Assurance from 2006 to 2007. Previously from 1987 to 2003, she served Interferon Sciences Inc, in various positions including Senior Director of Regulatory Affairs, Quality Control and Quality Assurance Departments, and FDA official for our FDA approved product, Alferon N Injection. Dr. Ferencz-Biro received her Ph.D. in Chemistry/ Biochemistry in 1972 from the University of Eötvös Lóránd, Budapest, Hungary, and her M.S., in Chemistry and Biology in 1971 from University of Eötvös Lóránd, Budapest, Hungary. She was a postdoctoral fellow from 1981-1984 in Rutgers University, Center for Alcohol Studies, Piscataway, New Jersey. She is an author and coauthor of several scientific publications, patents and presentations on the field of biochemistry. Currently she is a member of Regulatory Affairs Professionals Society.

## RANSOM W. ETHERIDGE has been