

SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

 FORM S-8
 REGISTRATION STATEMENT
 UNDER
 THE SECURITIES ACT OF 1933

Laboratory Corporation of America Holdings
 (Exact name of issuer as specified in its charter)

Delaware
 (State or other jurisdiction
 of incorporation)

13-3757370
 (I.R.S. Employer
 Identification Number)

358 South Main Street
 Burlington, North Carolina 27215
 (336) 229-1127
 (Address of principal executive offices)

Laboratory Corporation of America Holdings
 Amended and Restated 1999 Stock Incentive Plan*
 (Full title of the plan)

Bradford T. Smith
 Executive Vice President, General Counsel, and Secretary
 Laboratory Corporation of America Holdings
 358 South Main Street
 Burlington, North Carolina 27215
 (Name and address of agent for service)

Registrant's telephone number, including area code: (336) 229-1127

CALCULATION OF REGISTRATION FEE
 =====

Titles of Securities To be Registered	Amount to be Registered**	Proposed Maximum Offering Price Per Share***	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock (par value).....	3,200,000	\$3.4375	\$11,000,000	\$2,904.00

* Formerly named the Laboratory Corporation of America Holdings 1997 Stock Option Plan. (On November 7, 1997, pursuant to Registration Statement No. 333-39731, 6,000,000 shares were registered under this Plan and a fee of \$5,043.10 was paid.)
 ** Plus an indeterminate number of additional shares which may be offered and issued to prevent dilution resulting from stock splits, stock dividends or similar transactions.
 *** The shares are to be offered at prices computed upon the basis of fluctuating market prices. Estimated pursuant to Rule 457 (c, h) of the General Rules and Regulations under the Securities Act of 1933 solely for the purpose of computing the registration fee, based on the average of the high and low prices of the securities being registered hereby on the New York Stock Exchange Composite Transaction Tape of 1/6/00.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

Laboratory Corporation of America Holdings (the "Company") hereby incorporates herein by reference the following documents:

- 1) The Company's Registration Statement on Form S-8, Registration Number 333-39731, filed November 7, 1997, with respect to the Company's 1997 Stock Option Plan;
- 2) The Company's Annual Report on Form 10-K for the fiscal year ended December 31, 1998;

- 3) All reports filed pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), on or after December 31, 1998; and
- 4) The description of the Company's Common Stock (incorporated by reference therein to the Company's Registration Statement on Form S-4 dated April 25, 1994 under the Securities Act of 1933, as amended (the "Securities Act") in the Company's Registration Statement on Form 8-B dated June 30, 1994 (as amended by Amendment No. 1 thereto dated April 27, 1995) filed under the Exchange Act, including amendments thereto and any report filed for the purpose of updating such description.

In addition, all documents filed by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act subsequent to the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered herein have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated herein by reference and to be a part hereof from the respective date of filing of each such document.

INTEREST OF COUNSEL

Bradford T. Smith, who has issued the opinion of the Company's Law Department on the legality of the common stock of the Company offered hereby, is Executive Vice President, General Counsel and Secretary of the Company. Mr. Smith owns Company Common Stock and restricted Company Common Stock and/or stock options. He also holds employee stock options to purchase Company Common Stock.

INDEMNIFICATION OF OFFICERS AND DIRECTORS

As authorized by Section 145 of the General Corporation Law of the State of Delaware ("Delaware Corporation Law"), each director and officer of the Company may be indemnified by the Company against expenses (including attorney's fees, judgments, fines, and amounts paid in settlement) actually and reasonably incurred in connection with the defense or settlement of any threatened, pending, or completed legal proceedings in which he/she is involved by reason of the fact that he/she is or was a director or officer of the Company; provided that he/she acted in good faith and in a manner that he/she reasonably believed to be in or not opposed to the best interest of the Company; and, with respect to any criminal action or proceeding, that he/she had no reasonable cause to believe that his/her conduct was unlawful. If the legal proceeding, however, is by or in the right of the Company, the director or officer may not be indemnified in respect of any claim, issue, or matter as to which he/she shall have adjudged to be liable for negligence or misconduct in the performance of his duty to the Company unless a court determines otherwise.

Article Sixth of the Certificate of Incorporation of the Company provides that no director of the Company shall be personally liable to the Company or its stockholders for monetary damages for any breach of his fiduciary duty as director; provided, however, that such clause shall not apply to any liability of a director (i) for any breach of such director's duty of loyalty to the Company or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to Section 174 of the Delaware Corporation Law or (iv) for any transaction from which the director derived an improper personal benefit. In addition, the provisions of Article VII of the Company's By-laws provide that the Company shall indemnify person entitled to be indemnified to the fullest extent permitted by the Delaware Corporation Law.

The Company maintains policies of officers' and directors' liability insurance in respect of acts or omissions of current and former officers and directors of the Company, its subsidiaries, and "constituent" companies that have been merged with the Company.

EXHIBITS

The following is a complete list of exhibits filed as part of this Registration Statement:

Exhibit No.

4.1 Laboratory Corporation of America Holdings Amended and Restated 1999
Stock Incentive Plan
5 Opinion of Counsel
23.1 Consent of PricewaterhouseCoopers, LLP
23.2 Consent of KPMG LLP
23.3 Consent of Counsel (included in Exhibit 5)
24 Powers of Attorney

ITEM 9 - UNDERTAKINGS

(a) The undersigned registrant hereby undertakes:

(1) to file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:

(i) To include any prospectus required to Section 10(a)(3) of the Securities Act of 1933 (the "Securities Act");

(ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement; and

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the information to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the registration statement.

(2) that, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof; and

(3) to remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the registrant's Annual Report pursuant to Section 13(a) or Section 15 (d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's Annual Report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Burlington, State of North Carolina, on the 7th day of January, 2000.

LABORATORY CORPORATION OF AMERICA HOLDINGS

By /s/ Bradford T. Smith

Bradford T. Smith
Executive Vice President, General Counsel
and Secretary

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

Signature -----	Title -----	Date ----
/s/ * ----- Thomas P. Mac Mahon	Chairman of the Board, President, Chief Executive Officer and Director	January 7, 2000
/s/ * ----- Wesley R. Elingburg	Executive Vice President, Chief Financial Officer and Treasurer (Principal Accounting and Financial Officer)	January 7, 2000
/s/ * ----- Jean-Luc Belingard	Director	January 7, 2000
/s/ * ----- Wendy E. Lane	Director	January 7, 2000
/s/ * ----- Robert E. Mittelstaedt, Jr.	Director	January 7, 2000
/s/ * ----- James B. Powell, M.D.	Director	January 7, 2000
/s/ * ----- David B. Skinner, M.D.	Director	January 7, 2000
/s/ * ----- Andrew G. Wallace, M.D.	Director	January 7, 2000

*By: /s/ Bradford T. Smith

Bradford T. Smith
Attorney-in-Fact

INDEX TO EXHIBITS

The following is a complete list of exhibits filed as part of this Registration Statement:

Exhibit Number	Exhibit	Sequentially Numbered Page
4.1	Laboratory Corporation of America Holdings Amended and Restated 1999 Stock Incentive Plan.....	8
5	Opinion of Counsel.....	16
23.1	Consent of PricewaterhouseCoopers LLP	17
23.2	Consent of KPMG LLP.....	18
23.3	Consent of Counsel (Included in Exhibit 5).....	-
24	Powers of Attorney.....	19

LABORATORY CORPORATION OF AMERICA HOLDINGS
AMENDED AND RESTATED 1999 STOCK INCENTIVE PLAN

1. Purpose; Restrictions on Amount Available under this Plan.

This Amended and Restated 1999 Stock Incentive Plan (this "Plan") is intended to encourage stock ownership by employees of Laboratory Corporation of America Holdings (the "Company") and employees of Affiliate Corporations (as defined in Section 2(a) hereof), so that they may acquire or increase their proprietary interest in the Company, and to encourage such employees to remain in the employ of the Company and to put forth maximum efforts for the success of the business of the Company. It is further intended that options granted by the Committee pursuant to Section 6 of this Plan shall constitute "incentive stock options" ("Incentive Stock Options") within the meaning of Section 422 of the Internal Revenue Code of 1986, as amended, and the regulations issued thereunder (the "Code"), and options granted by the Committee pursuant to Section 7 of this Plan shall constitute "nonqualified stock options" ("Nonqualified Stock Options"). Grants under this Plan may consist of Incentive Stock Options, Nonqualified Stock Options (collectively, "Options"), stock appreciation rights ("Rights"), which Rights may be either granted in conjunction with Options ("Related Rights") or unaccompanied by Options ("Free Standing Rights"), or restricted stock awards ("Restricted Shares"), as hereinafter set forth.

2. Definitions.

As used in this Plan, the following words and phrases shall have the meanings indicated:

(a) "Affiliate Corporation" or "Affiliate" shall mean any corporation, directly or indirectly, through one or more intermediaries, controlling, controlled by, or under common control with the Company.

(b) "Award" shall mean an Option, a Right or Restricted Share granted hereunder.

(c) "Award Agreement" shall have the meaning set forth in Section 3 hereof.

(d) "Change in Control" shall mean circumstances under which Roche Holding Ltd or any corporation directly or indirectly, through one or more intermediaries, controlling, controlled by, or under common control with Roche Holding Ltd ceases to maintain "beneficial ownership" (as defined in Rule 13d-3 of the Exchange Act), individually or in the aggregate, of securities of the Company representing five percent (5%) or more of the combined voting power of the Company's then outstanding securities.

(e) "Common Stock" shall mean shares of the Company's common stock, par value \$0.01 per share.

(f) "Disability" shall mean a Participant's inability to engage in any substantial gainful activity by reason of medically determinable physical or mental impairment that can be expected to result in death or that has lasted or can be expected to result in death or that has lasted or can be expected to last for a continuous period of not less than twelve (12) months.

(g) "Exchange Act" shall mean the Securities Exchange Act of 1934, as amended.

(h) "Fair Market Value" per share as of a particular date shall mean (i) the closing sales price per share of Common Stock on a national securities exchange for the last preceding date on which there was a sale of such Common Stock on such exchange, or (ii) if the shares of Common Stock are then traded on an over-the-counter market, the average of the closing bid and asked prices for the shares of Common Stock in such over-the-market for the last preceding date on which there was a sale of such Common Stock in such market, or (iii) if the shares of Common Stock are not then listed on a national securities exchange or traded in an over-the-counter market, such value as the Committee in its discretion may determine.

(i) "Parent Corporation" shall mean any corporation (other than the Company) in an unbroken chain of corporations ending with the Company if,

at the time of granting an Award, each of such corporations (other than the Company) owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

(j) "Participant" shall have the meaning set forth in Section 4 hereof.

(k) "Retirement" shall mean a Participant's termination of employment in accordance with the provisions of the Company's Employee Retirement Plan at such Participant's Normal Retirement Date, as defined in such plan.

(l) "Subsidiary Corporation" shall mean any corporation (other than the Company) in an unbroken chain of corporations beginning with the Company if, at the time of granting an option, each of such corporations other than the last corporation in the unbroken chain owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain.

(m) "Ten Percent Stockholder" shall mean a Participant who, at the time an Incentive Stock Option is granted, owns stock possessing more than ten percent (10%) of the total combined voting power of all classes of stock of the Company or of its Parent Corporation or Subsidiary Corporations.

3. Administration.

This Plan shall be administered by a committee (the "Committee") appointed by the Board of Directors of the Company (the "Board"), which shall be comprised of two or more persons, each of whom shall qualify as a "Non-Employee Director" as described in Rule 16b-3(b)(3)(i) promulgated under the Exchange Act.

The Committee shall have the authority in its discretion, subject to and not inconsistent with the express provisions of this Plan, to administer this Plan and to exercise all the powers and authorities either specifically granted to it under this Plan or necessary or advisable in the administration of this Plan, including, without limitation, the authority to grant Awards; to designate Participants; to determine the type or types of Awards to be granted to a Participant; to determine which Options shall constitute Incentive Stock Options and which Options shall constitute Nonqualified Stock Options; to determine which Rights (if any) shall be granted in conjunction with Options; to determine the purchase price of the shares of Common Stock covered by each Option (the "Option Price"); to determine the persons to whom, and the time or times at which, Awards shall be granted; to determine the number of shares to be covered by each Award; to interpret this Plan; to prescribe, amend and rescind rules and regulations relating to this Plan; to determine the terms and provisions of the agreements (which need not be identical) entered into in connection with Awards granted under this Plan (each an "Award Agreement"); and to make all other determinations deemed necessary or advisable for the administration of this Plan. The Committee may delegate to one or more of its members or to one or more agents such administrative duties as may be deemed advisable, and the Committee or any person to whom it has delegated duties as aforesaid may employ one or more persons to render advice with respect to any responsibility the Committee or such person may have under this Plan.

No member of the Board of Directors or Committee shall be liable for any action taken or determination made in good faith with respect to this Plan or any Award granted hereunder.

4. Eligibility.

Awards may be granted to key employees (including, without limitation, officers and directors who are employees) of the Company or its present or future Affiliate Corporations. For purposes of the foregoing, "employee" shall mean any employee, independent contractor, consultant, advisor, or similar individual who is providing or who has agreed to provide services to the Company or to any of its present or future Affiliate Corporations. Notwithstanding any provision of this paragraph, Incentive Stock Options shall be granted only to individuals who, on the date of such grant, are employees of the Company or a Parent Corporation or a Subsidiary Corporation. In determining the persons to whom Awards shall be granted and the number of shares to be covered by each Award, the Committee shall take into account the duties of the respective persons, their present and potential contributions to the success of the Company and such other factors as the Committee shall deem relevant in connection with accomplishing the purpose of this Plan. A person to whom an Award has been granted hereunder is sometimes referred to herein as a "Participant."

A Participant shall be eligible to receive more than one grant of an Award during the term of this Plan, but only on the terms and subject to the restrictions hereinafter set forth.

5. Stock.

The stock subject to Awards hereunder shall be shares of Common Stock. Such shares may, in whole or in part, be authorized but unissued shares or shares that shall have been or that may be reacquired by the Company. The aggregate number of shares of Common Stock as to which Awards may be granted from time to time under this Plan shall not exceed 9,200,000 of which the number of shares of Common Stock as to which Restricted Shares may be granted from time to time under this Plan shall not exceed 3,200,000. No person may be granted Options or Rights under this Plan representing an aggregate of more than 750,000 shares of Common Stock in any year. The limitations established by the preceding three sentences shall be subject to adjustment as provided in Section 11 hereof.

To the extent that (1) any Award expires, is terminated or forfeited without being exercised, settled or with respect to Restricted Shares, vested, (2) any Option is surrendered on exercise of a Right for cash or the issuance of fewer shares of Common Stock than issuable under such surrendered Option, or (3) any Free Standing Right expires or is terminated without being exercised, the shares of Common Stock issuable thereunder, less such shares issued, shall become available for grants of Awards.

6. Incentive Stock Options.

Options granted pursuant to this Section 6 are intended to constitute Incentive Stock Options and shall be subject to the following special terms and conditions, in addition to the general terms and conditions specified in Sections 5 and 8 hereof:

(a) Value of Shares. The aggregate Fair Market Value (determined as of the date the Incentive Stock Option is granted) of the shares of Common Stock with respect to which Options granted under this Plan and all other option plans of the Company, any Parent Corporation and any Subsidiary Corporation become exercisable for the first time by a Participant during any calendar year shall not exceed \$100,000.

(b) Ten Percent Stockholders. In the case of an Incentive Stock Option granted to a Ten Percent Stockholder, (i) the Option Price shall not be less than one hundred ten percent (110%) of the Fair Market Value of a share of Common Stock of the Company on the date of grant of such Incentive Stock Option, and (ii) the exercise period shall not exceed five (5) years from the date of grant of such Incentive Stock Option.

7. Nonqualified Stock Options.

Options granted pursuant to this Section 7 are intended to constitute Nonqualified Stock Options and shall be subject only to the general terms and conditions specified in Sections 5 and 8 hereof.

8. Terms and Conditions of Options.

Each Option granted pursuant to this Plan shall be evidenced by a written Award Agreement between the Company and the Participant, which agreement shall comply with and be subject to the following terms and conditions:

(a) Number of Shares. Each Award Agreement shall state the number of shares of Common Stock to which the Option relates.

(b) Type of Option. Each Award agreement shall specifically identify the portion, if any, of the Option which constitutes an Incentive Stock Option and the portion, if any, which constitutes a Nonqualified Stock Option.

(c) Option Price. Each Award Agreement shall state the Option Price per share of Common Stock, which shall be not less than one hundred percent (100%) of the Fair Market Value of a share of Common Stock of the Company on the date of grant of the Option and which, in the case of Incentive Stock Options, shall be further subject to the limitation described in Section 6(b) hereof. The Option Price shall be subject to adjustment as provided in Section 11 hereof. The date on which the Committee adopts a resolution expressly granting an Option shall be considered the day on which such Option is granted.

(d) Medium And Time of Payment. The Option Price shall be paid or satisfied in full, at the time of exercise, in cash or in shares of Common Stock owned by the Participant for at least six months (which are not the subject of any pledge or other security interest) having a Fair Market Value equal to such Option Price or in a combination of cash and such shares, and may be effected in whole or in part, at the discretion of the Committee (i) with monies received from the Company at the time of exercise as a compensatory cash payment, or (ii) with monies borrowed from the Company pursuant to repayment terms and conditions as shall be determined from time to time by the Committee, in its discretion separately with respect to each exercise of Options and each Participant; provided, however, that each such method and time for payment and each such borrowing and terms and conditions of security, if any, and repayment shall be permitted by and be in compliance with applicable law.

(e) Term and Exercise of Options. Options shall be exercisable over the exercise period as and at the times and upon the conditions that the Committee may determine, as reflected in the Award Agreement; provided, however, that the Committee shall have the authority to accelerate the exercisability of any outstanding Option at such time and under such circumstances as it, in its sole discretion, deems appropriate. The exercise period shall be determined by the Committee; provided, however, that in the case of any Incentive Stock Option, such exercise period shall not exceed ten (10) years from the date of grant of such Incentive Stock Option and such exercise period shall be further limited in circumstances described in Section 6(b) hereof. The exercise period shall be subject to earlier termination as provided in Section 8(f) and 8(g) hereof. An Option may be exercised as to any or all full shares of Common Stock as to which the Option has become exercisable, by giving written notice of such exercise to the Committee; provided, however, that an Option may not be exercised at any one time as to fewer than one hundred (100) shares (or such number of shares as to which the Option is then exercisable if such number of shares is less than one hundred (100)).

(f) Termination of Employment. Except as provided in this Section 8(f) and in Section 8(g) hereof, an Option may not be exercised unless the Participant is then in the employ of (1) the Company, (2) an Affiliate Corporation or (3) a corporation issuing or assuming the Option in a transaction to which Section 424 of the Code applies or a parent corporation or subsidiary corporation of the corporation described in this Clause 3, and unless the Participant has remained continuously so employed since the date of grant of the Option. In the event that the employment of a Participant shall terminate (other than by reason of death, Disability or Retirement), all Options of such Participant that are exercisable at the time of such termination may, unless earlier terminated in accordance with their terms, be exercised within three (3) months after such termination. Nothing in this Plan or in any Option or Right granted pursuant hereto shall confer upon an individual any right to continue in the employ of the Company or any of its Affiliate Corporations or interfere in any way with the right of the Company or any such Affiliate Corporation to terminate such employment at any time.

(g) Acceleration of Benefits upon Death, Disability or Retirement of Participant or a Change in Control. If (i) a Participant shall die while employed by the Company or an Affiliate Corporation thereof, (ii) a Participant shall die within three (3) months after the termination of such Participant's employment, (iii) the Participant's employment shall terminate by reason of Disability or Retirement, or (iv) there is a Change

such case all Options theretofore granted to such Participant (whether or not then exercisable) may, unless earlier terminated or expired in accordance with their terms, be exercised by the Participant or by the Participant's estate or by a person who acquired the right to exercise such Option by bequest or inheritance or otherwise by reason of the death or Disability of the Participant, at any time within one year after the date of death, Disability or Retirement of the Participant or the Change in Control.

(h) Nontransferability of Options. Options granted under this Plan shall not be transferable otherwise than by will or by the laws of descent and distribution, and Options may be exercised, during the lifetime of the Participant, only by the Participant or by his guardian or legal representative.

(i) Rights as a Stockholder. A Participant who is the holder of an Option or a transferee of an Option shall have no rights as a stockholder with respect to any shares covered by the Option until the date of the issuance of a stock certificate to him or her for such shares. No adjustment shall be made for dividends (ordinary or extraordinary, whether in cash, securities or other property) or distribution of other rights for which the record date is prior to the date such stock certificate is issued, except as provided in Section 11 hereof.

(j) Other Provisions. The Award Agreements authorized under this Plan shall contain such other provisions, including, without limitation, (i) the granting of Rights, (ii) the imposition of restrictions upon the exercise of an Award, and (iii) in the case of an Incentive Stock Option, the inclusion of any condition not inconsistent with such Option qualifying as an Incentive Stock Option, as the Committee shall deem advisable.

9. Stock Appreciation Rights.

(a) Grant and Exercise. In the case of a Nonqualified Stock Option, Related Rights may be granted either at or after the time of the grant of such Option. In the case of an Incentive Stock Option, related Rights may be granted only at the time of the grant of the Incentive Stock Option.

A Related Right or applicable portion thereof granted with respect to a given Option shall terminate and no longer be exercisable upon the termination or exercise of the related Option, except that, unless otherwise provided by the Committee at the time of grant, a Related Right granted with respect to less than the full number of shares covered by a related Option shall only be reduced if and to the extent that the number of shares covered by the exercise or termination of the related Option exceeds the number of shares not covered by the Right.

A Related Right may be exercised by a Participant, in accordance with paragraph (b) of this Section 9, by surrendering the applicable portion of the related Option. Upon such exercise and surrender, the Participant shall be entitled to receive an amount determined in the manner prescribed in paragraph (b) of this Section 9. Options which have been so surrendered, in whole or in part, shall no longer be exercisable to the extent the Related Rights have been exercised.

(b) Terms and Conditions. Rights shall be subject to such terms and conditions, not inconsistent with the provisions of this Plan, as shall be determined from time to time by the Committee and as evidenced by a written Award Agreement between the Company and the Participant, including the following:

(1) Related Rights shall be exercisable only at such time or times and to the extent that the Options to which they relate shall be exercisable in accordance with the provisions of Section 6, 7, 8 and this Section 9 of this Plan; provided, however, that any Related Right shall not be exercisable during the first six (6) months of the term of the Related Right, except that this additional limitation shall not apply in the event of death of the Participant prior to the expiration of the six (6) month period.

(2) Upon the exercise of a Related Right, a Participant shall be entitled to receive up to, but not more than, an amount in cash or shares of Common Stock equal in value to the excess of the Fair Market Value of one (1) share of Common Stock over the option price per share specified in the related Option multiplied by the number of shares in respect of which the Related Right shall have been exercised, with the Committee having the right to determine the form of payment.

(3) Related Rights shall be transferable only when and to the extent that the underlying Option would be transferable under paragraph (h) of Section 8 of this Plan.

(4) A Related Right granted in connection with an Incentive Stock Option may be exercised only if and when the market price of the Common Stock subject to the Incentive Stock Option exceeds the exercise price of such Option.

(5) Free Standing Rights shall be exercisable at such time or times and subject to such terms and conditions as shall be determined by the Committee at or after grant; provided, however, that Free Standing Rights shall not be exercisable during the first (6) six months of the term of the Free Standing Right, except that this limitation shall not apply in the event of death of the recipient of the Free Standing Right prior to the expiration of the six-month period.

(6) The term of each Free Standing Right shall be fixed by the Committee, but no Free Standing Right shall be exercisable more than ten (10) years after the date such right is granted.

(7) Upon the exercise of a Free Standing Right, a Participant shall be entitled to receive up to, but not more than, an amount in cash or shares of Common Stock equal in value to the excess of the Fair Market Value of one share of Common Stock over the price per share specified in the Free Standing Right (which shall be no less than one hundred percent (100%) of the Fair Market Value of the Common Stock on the date of grant) multiplied by the number of shares in respect of which the Right is being exercised, with the Committee having the right to determine the form of payment.

(8) No Free Standing Right shall be transferable by the Participant otherwise than by will or by the laws of descent and distribution, and all such rights shall be exercisable, during the Participant's lifetime, only by the Participant or his legal guardian or legal representative.

(9) In the event of the termination of employment of a recipient of a Free Standing Right, such right shall be exercisable to the same extent that an Option would have been exercisable in the event of the termination of employment of a Participant.

10. Restricted Shares.

(a) Grant. Subject to the provisions of this Plan, the Committee shall have sole and complete authority to determine the Participants to whom Restricted Shares shall be granted, the number of Restricted Shares to be granted to each Participant, the duration of the period during which, and the conditions under which, the Restricted Shares may be forfeited to the Company, and the other terms and conditions of such Awards.

(b) Transfer Restrictions. Restricted Shares may not be sold, assigned, transferred, pledged or otherwise encumbered, except as provided in an Award Agreement. Certificates issued in respect of Restricted Shares shall be registered in the name of the Participant and deposited by such Participant, together with a stock power endorsed in blank, with the Company. Upon the lapse of the restrictions applicable to such Restricted Shares, the Company shall deliver such certificates to the Participant or the Participant's legal representative.

(c) Dividends and Distributions. Dividends and other distributions paid on or in respect of Restricted Shares, if any, may be paid directly to the Participant, or may be reinvested in additional Restricted Shares, as determined by the Committee in its sole discretion.

(d) Acceleration of Benefits upon Death, Disability or Retirement of Participant or a Change in Control. If (i) a Participant shall die while employed by the Company or an Affiliate Corporation thereof, (ii) the Participant's employment shall terminate by reason of Disability or Retirement, or (iii) there is a Change in Control, then in any such case all Restricted Shares theretofore granted to such Participant shall become immediately vested and nonforfeitable.

11. Effect of Certain Changes.

(a) If there is any change in the number of outstanding shares of Common Stock by reason of any stock dividend, stock split, recapitalization, combination, exchange of shares, merger, consolidation, liquidation, split-up, spin-off or other similar change in capitalization, any distribution to shareholders, including a rights offering, other than cash dividends, or any like change, then the number of shares of Common Stock available for Awards, the number of such shares of Common Stock covered by outstanding Awards, and the price per share of Options or the applicable market value of Rights, shall be proportionately adjusted by the Committee to reflect such change or distribution; provided, however, that any fractional shares resulting from such adjustment shall be eliminated.

(b) In the event of a change in the Common Stock as presently constituted, which is limited to a change of all of its authorized shares with par value into the same number of shares with a different par value or without par value, the shares resulting from any such change shall be deemed to be Common Stock within the meaning of this Plan.

(c) To the extent that the foregoing adjustments relate to stock or securities of the Company, such adjustments shall be made by the Committee, whose determination in that respect shall be final, binding and conclusive, provided that each Incentive Stock Option granted pursuant to this Plan shall not be adjusted in a manner that causes such option to fail to continue to qualify as an Incentive Stock Option within the meaning of Section 422 of Code.

12. Agreement by Participant Regarding Withholding Taxes.

If the Committee shall so require, as a condition of grant, exercise, or settlement or otherwise, each Participant shall agree that:

(a) no later than the date a Participant recognizes taxable income in connection with an Award granted hereunder in connection with the exercise or settlement of such Award or otherwise, the Participant will pay to the Company or make arrangements satisfactory to the Committee regarding payment of any federal, state or local taxes of any kind required by law to be withheld upon the exercise or settlement of such Award (any such tax, a "Withholding Tax"); and

(b) the Company shall, to the extent permitted or required by law, have the right to deduct any Withholding Tax from any payment of any kind otherwise due to the Participant.

13. Gross-Up for Excise Tax.

An Award Agreement may provide that in the event that a Participant becomes entitled by reason of a Change of Control to the accelerated vesting of an Award, if such Participant will be subject to excise tax (the "Excise Tax") under Section 4999 of the Code, the Company shall pay to such Participant as additional compensation an amount (the "Gross-Up Payment") which, after payment by such Participant of all taxes (including any federal, state and local income tax and excise tax upon the payment provided for by this Section 13) allows Participant to retain an amount of the Gross-Up Payment equal to the Excise Tax. For purposes of determining whether a Participant will be subject to the Excise Tax and the amount of such Excise Tax, (i) any other payments or benefits received or to be received by such Participant in connection with a Change in Control of the Company or the Participant's termination of employment (whether pursuant to the terms of the Award Agreement or any other plan, arrangement or agreement with the Company, any entity whose actions result in a Change in Control of the Company or any entity affiliated with the Company or such entity) shall be treated as "parachute payments" within the meaning of Section 280G(b)(2) of the Code, and all "excess parachute payments" within the meaning of Section 280G(b)(1) of the Code shall be treated as subject to the Excise Tax, unless in the opinion of tax counsel selected by the Company's independent auditors and reasonably acceptable to the Participant such other payments or benefits (in whole or in part) do not constitute parachute payments, including by reason of Section 280G(b)(4)(A) of the Code, or such excess parachute payments (in whole or in part) represent reasonable compensation for services actually rendered, within the meaning of Section 280G(b)(4)(B) of the Code, or are otherwise not subject to the Excise Tax, (ii) the amount of payments or benefits treated as subject to the Excise Tax shall be equal to the lesser of (A) the total amount of payments or benefits conferred on such Participant by reason of the Change of Control or (B) the amount of excess parachute payments within the meaning of Section 280G(b)(1) of the Code (after applying clause (i), above), and (iii) the value of any noncash benefits or any deferred payment or benefit shall be determined by the Company's independent auditors in accordance with the principles of Sections 280G(d)(3) and (4) of the Code. For purposes of determining the amount of the Gross-Up Payment, the Participant shall be deemed to pay federal income taxes at the highest marginal rate of federal income taxation in the calendar year in which the Gross-Up Payment is to be made

and state and local income taxes at the highest marginal rate of taxation in the state and locality of the Participant's residence on the date on which the Excise Tax is incurred, net of the maximum reduction in federal income taxes which could be obtained from deduction of such state and local taxes. In the event that the Excise Tax is subsequently determined to be less than the amount taken into account hereunder, the Participant shall repay to the Company, at the time that the amount of such reduction in Excise Tax is finally determined, the portion of the Gross-Up Payment attributable to such reduction (plus that portion of the Gross-Up Payment attributable to the Excise Tax and federal, state and local income tax deduction) plus interest on the amount of such repayment at the rate provided in Section 1274(b)(2)(B) of the Code. In the event that the Excise Tax is determined to exceed the amount taken into account hereunder (including by reason of any payment the existence or amount of which cannot be determined at the time of the Gross-Up Payment), the Company shall make an additional Gross-Up Payment in respect of such excess (plus any interest, penalties or additions payable by the Participant with respect to such excess) at the time that the amount of such excess finally is determined. The Participant and the Company each shall reasonably cooperate with the other in connection with any administrative or judicial proceedings concerning the existence or amount of liability for Excise Tax.

14. Termination and Amendment.

Unless terminated by action of the Board of Directors or the Committee, no Awards may be granted under this Plan after May 19, 2007. This Plan may be amended or terminated at any time by the Committee, except that no amendment may be made without shareholder approval if the Committee determines that such approval is necessary to comply with any tax or regulatory requirement, including any approval requirement which is a prerequisite for exemptive relief from Section 16 of the Exchange Act, for which or with which the Committee determines that it is desirable to qualify or comply. The Committee may amend the terms of any Award Agreement and any Award granted, retroactively or prospectively, but no amendment may adversely affect any vested Award without the holder's consent.

15. Effectiveness; Approval of Stockholders.

This Plan, as amended and restated, shall take effect upon its adoption by the Board of Directors, but its effectiveness and the exercise of any Awards granted subsequent to the effectiveness of the amendment shall be subject to the approval of the holders of a majority of the voting shares of the Company, which approval must occur within twelve (12) months after the date this Plan is adopted by the Board.

16. Effect of Headings.

The section and subsection headings contained herein are for convenience only and shall not affect the construction hereof.

January 7, 2000

Laboratory Corporation of America Holdings
358 South Main Street
Burlington, North Carolina 27215

Ladies and Gentlemen:

I am an Executive Vice President, General Counsel and Secretary of Laboratory Corporation of America Holdings, and I offer this opinion in connection with the filing of a Registration Statement (the "Registration Statement") on Form S-8 under the Securities Act of 1933, as amended, relating to 3,200,000 shares of common stock, par value \$0.01 per share (the "Common Stock"), deliverable in accordance with the Laboratory Corporation of America Holdings 1999 Stock Incentive Plan as referred to in such Form S-8 (the "Plan").

I have examined originals or copies, certified or otherwise identified to my satisfaction, of such documents, corporate records, certificates of public officials and other instruments relating to the adoption and amendment of the Plan as I have deemed necessary or advisable for the purposes of this opinion.

Upon the basis of the foregoing, I am of the opinion that the Common Stock deliverable pursuant to the Plan, when delivered in accordance with the Plan will be duly authorized, validly issued, fully paid and nonassessable.

I consent to the filing of this opinion as Exhibit 5 to the Registration Statement.

Very truly yours,

/s/ Bradford T. Smith, Esq.
Executive Vice President,
General Counsel and Secretary

[Letterhead of PriceWaterhouseCoopers]

Consent of Independent Accountants

To the Board of Directors
Laboratory Corporation of America Holdings:

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 (Laboratory Corporation of America Holdings Amended and Restated 1999 Stock Incentive Plan) of our report, dated February 12, 1999 relating to the financial statements, which appears in Laboratory Corporation of America Holdings and its subsidiaries' Annual Report on Form 10-K for the year ended December 31, 1998.

/s/ PriceWaterhouseCoopers LLC
Charlotte, North Carolina
January 6, 2000

INDEPENDENT AUDITORS' CONSENT

The Board of Directors
Laboratory Corporation of America Holdings:

We consent to the use of our reports incorporated herein by reference in the registration statement on Form S-8 of Laboratory Corporation of America Holdings.

/s/ KPMG LLP
Raleigh, North Carolina
January 6, 2000

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Thomas P. Mac Mahon

THOMAS P. MAC MAHON

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Wesley R. Elingburg

WESLEY R. ELINGBURG

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Jean-Luc Belingard

JEAN-LUC BELINGARD

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Wendy E. Lane

WENDY E. LANE

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Robert E. Mittelstaedt, Jr.

ROBERT E. MITTELSTAEDT, JR.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ James B. Powell, M.D.

JAMES B. POWELL, M.D.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or their substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ David B. Skinner, M.D.

DAVID B. SKINNER, M.D.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, in his or her capacity or capacities as an officer or director or both of Laboratory Corporation of America Holdings does hereby constitute and appoint Bradford T. Smith, Esq., the true and lawful attorney and agent of the undersigned, with power of substitution, to do any and all acts and things for and on behalf of the undersigned and in the name of the undersigned and in the capacity or capacities of the undersigned as aforesaid and to execute any and all instruments for and on behalf of the undersigned and in the name of the undersigned, which said attorney and agent, may deem necessary or advisable to enable said corporation to comply with the Securities Act of 1933, as amended, and any rules, regulations, and requirements of the Securities and Exchange Commission, in connection with this Registration Statement, including specifically but without limitation, power and authority to sign for the undersigned in the capacities indicated below, any and all amendments (including post-effective amendments) hereto; and the undersigned does hereby ratify and confirm all that the said attorney and agent, or his substitute or substitutes, shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has executed this power of attorney this 7th day of January, 2000.

/s/ Andrew G. Wallace, M.D.

ANDREW G. WALLACE, M.D.