	Notice of Award		
A REAL PROPERTY AND A REAL	RESEARCH Federal Award Date: 08/14/2017 Department of Health and Human Services National Institutes of Health 08/14/2017	National Institutes of Health	
-1400 C C	NATIONAL CANCER INSTITUTE		
	Grant Number: 2R01CA120528-11A1 FAIN: R01CA120528		
	Principal Investigator(s): RAPHAEL BUENO, MD	ame of Principle Invest	igator
	Project Title: Prospective Validation of Prognostic and Predictive Molecular tests in Mesothelioma		
	Ms. De Jesus, Maribel Senior Grants Administrator, Pre Award 75 Francis Street Boston, MA 021156110	MGB Pre-Award Co	ontact
	Award e-mailed to: bwhgc@partners.org	Project Period Date	s
	Period Of Performance: Budget Period: 08/14/2017 – 07/31/2018 Project Period: 04/07/2006 – 07/31/2022	Total Amount of Aw	ard
	Dear Business Official:		
	The National Institutes of Health hereby awards a grant in the amount of Control (see "Award Calculation" in Section I and "Terms and Conditions" in Section III) to BRIGHAM AND WOMEN'S HOSPITAL in support of the above referenced project. This award is pursuant to the authority of 42 USC 241 42 CFR 52 and is subject to the requirements of this statute and regulation and of other referenced, incorporated or attached terms and conditions.		
	Acceptance of this award including the "Terms and Conditions" is acknowledged by the grantee when funds are drawn down or otherwise obtained from the grant payment system.		
	Each publication, press release, or other document about research supported by an NIH award must include an acknowledgment of NIH award support and a disclaimer such as "Research reported in this publication was supported by the National Cancer Institute of the National Institutes of Health under Award Number R01CA120528. The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health." Prior to issuing a press release concerning the outcome of this research, please notify the NIH awarding IC in advance to allow for coordination.	Info on NIH acknowledgement in Publications, Press etc.	
	Award recipients must promote objectivity in research by establishing standards that provide a reasonable expectation that the design, conduct and reporting of research funded under NIH awards will be free from bias resulting from an Investigator's Financial Conflict of Interest (FCOI) in accordance with the 2011 revised regulation at 42 CFR Part 50 Subpart F. The Institution shall submit all FCOI reports to the NIH through the eRA Commons FCOI Module. The regulatio does not apply to Phase I Small Business Innovative Research (SBIR) and Small Business Technology Transfer (STTR) awards. Consult the NIH website http://grants.nih.gov/grants/policy/coi/ for a link to the regulation and additional important information.		
	If you have any questions about this award, please contact the individual(s) referenced in Sectio IV.	n	
	Sincerely yours,		

Jason Gill Grants Management Officer NATIONAL CANCER INSTITUTE NIH Grant Management Officer

Additional information follows

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	Award Finance Information.	
Award Calculation (U.S. Dollars)	Additional subcontract information, if applicable, will	
Federal Direct Costs	be listed below this	
Federal F&A Costs	information.	
Approved Budget Total Amount of Federal Funds Obligated (Federal Share)		
TOTAL FEDERAL AWARD AMOUNT		
AMOUNT OF THIS ACTION (FEDERAL SHARE)		
SUMMARY TOTALS FOR ALL YEARS		
YR THIS AWARD CUMULATIVE TOTALS		
12 13		
14		
15		
Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project		
progress of the project		
Fiscal Information:		
CFDA Name: Cancer Detection and Diagnosis Research CFDA Number: 93.394		
EIN: 1042312909A1		
Document Number: RCA120528C		
PMS Account Type: P (Subaccount) Fiscal Year: 2017		
a construction of the second	Projected future year(s) tota	
IC CAN 2017 2018 2019 2020 2021 CA 8479566	award amounts.	
Recommended future year total cost support, subject to the availability of funds and satisfactory progress of the project NIH Administrative Data:		
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(See NIH Home Page at http://grants.nih.gov/grants/policy/awardconditions.htm for certain references cited above.)		
Research and Development (R&D): All awards issued by the National Institutes of Health (NIH) meet the definition of "Research and Development" at 45 CFR Part§ 75.2. As such, auditees should identify NIH awards as part of the R&D cluster on the Schedule of Expenditures of Federal Awards (SEFA). The auditor should test NIH awards for compliance as instructed in Part V, Clusters of Programs. NIH recognizes that some awards may have another classification for purposes of indirect costs. The auditor is not required to report the disconnect (i.e., the award is classified as R&D for Federal Audit Requirement purposes but non-research for indirect cost rate purposes), unless the auditee is charging indirect costs at a rate other than the rate(s) specified in the award document(s).		
An unobligated balance may be carried over into the next budget period without Grants Management Officer prior approval.	Unobligated balar forward informatic	
This grant is subject to Streamlined Noncompeting Award Procedures (SNAP).		
This award is subject to the requirements of 2 CFR Part 25 for institutions to receive a Dun & Bradstreet Universal Numbering System (DUNS) number and maintain an active registration in the System for Award Management (SAM). Should a consortium/subaward be issued under this	SNAP = Progress	Report
award, a DUNS requirement must be included. See <u>http://grants.nih.gov/grants/policy/awardconditions.htm</u> for the full NIH award term implementing this requirement and other additional information.		
This award has been assigned the Federal Award Identification Number (FAIN) R01CA120528. Recipients must document the assigned FAIN on each consortium/subaward issued under this award.		
This award is not subject to the Transparency Act subaward and executive compensation reporting requirement of 2 CFR Part 170.		
In accordance with P.L. 110-161, compliance with the NIH Public Access Policy is now mandatory. For more information, see NOT-OD-08-033 and the Public Access website: <u>http://publicaccess.nih.gov/</u> .		
This award provides support for one or more clinical trials. By law (Title VIII, Section 801 of <u>Public Law 110-85</u>), the "responsible party" must register "applicable clinical trials" on the <u>ClinicalTrials.gov Protocol Registration System Information Website</u> . NIH encourages registration of all trials whether required under the law or not. For more information, see <u>http://grants.nih.gov/ClinicalTrials_fdaaa/</u>		
In accordance with the regulatory requirements provided at 45 CFR 75.113 and Appendix XII to 45 CFR Part 75, recipients that have currently active Federal grants, cooperative agreements, and procurement contracts with cumulative total value greater than \$10,000,000 must report and maintain information in the System for Award Management (SAM) about civil, criminal, and administrative proceedings in connection with the award or performance of a Federal award that reached final disposition within the most recent five-year period. The recipient must also make semiannual disclosures regarding such proceedings. Proceedings information will be made publicly available in the designated integrity and performance system (currently the Federal Awardee Performance and Integrity Information System (FAPIIS)). Full reporting requirements and procedures are found in Appendix XII to 45 CFR Part 75. This term does not apply to NIH fellowships.		
Treatment of Program Income: Additional Costs	_	
SECTION IV – CA Special Terms and Conditions – 2R01CA120528-11A1		

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INFORMATION: In accordance with the National Cancer Institute's (NCI) policy, "Policy for Allowable Requested Budget Levels of Renewal (Type 2) R01, U01 and P01 Applications" announced in the NIH Guide for Grants and Contracts on August 15, 2008: (NOT-CA-08-026) the allowable Type 2 Cap for this award has been calculated at \$225,000.

In accordance with the National Cancer Institute's (NCI's) Fiscal Year (FY) 2017 funding policies, this award has been issued at 95% of the allowable Type 2 cap level.

*Spreadsheets used to calculate this award are available upon request.

INFORMATION: This project involves hazardous or potentially hazardous agents. Attention is called to the Health and Safety Regulations and Guidelines (Section 4.1.12) of the <u>NIH Grants</u> Policy Statement.

INFORMATION: This is a Modular Grant Award issued without direct cost categorical breakdowns in accordance with the guidelines published in the <u>National Institutes of Health</u> <u>Grants Policy Statement, (November 2016)</u>. Recipients are required to allocate and account for costs related to this award by category within their institutional accounting system in accordance with applicable cost principles.

INFORMATION: This award involves Human Subjects Research. See "Assurance Requirements and Institutional Review Boards" under Part II, Subpart A, Human Subjects, in the <u>NIH Grants</u> <u>Policy Statement</u>, for specific requirements and grantee responsibilities related to the protection of human subjects, which are applicable to and are a term and condition of this award.

This award reflects the National Cancer Institute's acceptance of the certification that all key personnel have completed education on the protection of human subjects, in accordance the <u>NIH</u> <u>Grants Policy Statement</u>, "Education in the Protection of Human Research Subjects."

Any individual involved in the design and conduct of the study that is not included in the certification must satisfy this requirement prior to participating in the project. Failure to comply can result in the suspension and/or termination of this award, withholding of support of the continuation award, audit disallowances, and/or other appropriate action.

INFORMATION: Although the budget period start date for this award is 8/14/17, this award includes funds for twelve months of support. Future year budget periods will cycle on 8/1. Allowable preaward costs may be charged to this award, in accordance with the conditions in the <u>NIH Grants Policy Statement (November 2016)</u>, and with institutional requirements for prior approval.

INFORMATION: This award, including the budget and the budget period, has been discussed between Jake Pritchard of the National Cancer Institute and Marilyn Gross on 7/15/17.

STAFF CONTACTS

The Grants Management Specialist is responsible for the negotiation, award and administration of this project and for interpretation of Grants Administration policies and provisions. The Program Official is responsible for the scientific, programmatic and technical aspects of this project. These individuals work together in overall project administration. Prior approval requests (signed by an Authorized Organizational Representative) should be submitted in writing to the Grants Management Specialist. Requests may be made via e-mail.

Grants Management Specialist: Jake Pritchard Email: jake.pritchard@nih.gov Phone: (240) 276-6300

Program Official: Kelly Y. Kim Email: kimke@mail.nih.gov Phone: 240.276.5938

SPREADSHEET SUMMARY GRANT NUMBER: 2R01CA120528-11A1

INSTITUTION: BRIGHAM AND WOMEN'S HOSPITAL

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NIH Contact Information.

Budget	Year 11	Year 12	Year 13	Year 14	Year 15	
Budget TOTAL FEDERAL DC						
TOTAL FEDERAL F&A						
TOTAL COST						

Facilities and Administrative Costs	Year 11	Year 12	Year 13	Year 14	Year 15
F&A Cost Rate 1	Steel Bass				
F&A Cost Base 1					
F&A Costs 1	Section 2.		2652462282		States and the

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