

COLLABORATION AGREEMENT

THIS AGREEMENT is made on the 12th day of June 2012

BETWEEN:

- (1) **CARDIFF UNIVERSITY** established under royal charter, registered charity number 1136855, whose administrative offices are at 30-36 Newport Road, Cardiff CF24 0DE ("**Cardiff**")

~and~

- (2) **NATIONAL CENTRE FOR DISEASE CONTROL and PUBLIC HEALTH** whose offices are at 9 Asatiani str, Tbilisi, Georgia ("**NCDC**")

~and~

- (3) **ERCISYES UNIVERSITY** whose administrative offices are at 38039 Kayseri, Turkey ("**Ercisyes**")

~and~

- (4) **THE QUEEN'S UNIVERSITY OF BELFAST** whose administrative offices are at University Road, Belfast, BT7 1NN ("**Queens**"),

~and~

- (5) **CENTRAL PUBLIC HEALTH REFERENCE LABORATORY**, Kakheti Highway N16, Alekseevka Settlement N3, Tbilisi 0109, Georgia ("**CPHR Laboratory**"),

whereas (i) the above mentioned parties (save for CPHR Laboratory) shall hereinafter individually be called "Project Party" and collectively be called "the Project Parties"; (ii) NCDC, Ercisyes and Queens shall be collectively referred to as the "Partners" and individually each referred to as a "Partner"; and (iii) each of the above mentioned parties shall hereinafter individually be called "Party" and collectively be called "the Parties";

BACKGROUND

- (A) The Project Parties acknowledge that they prepared a joint Application to the Funder for the purpose identified in the Project and that the Application has been successful.
- (B) The Project Parties have each signed and agreed to be bound by the Principal Contract.
- (C) The Parties agree to accept the following terms and conditions to govern certain aspects of their relationship in respect of the work to be carried out on the Project.

IT IS HEREBY AGREED as follows:

1. DEFINITIONS AND INTERPRETATION

- 1.1 In this Agreement the following expressions have the following meanings unless inconsistent with the context:

"Application"

the application for funding for the Project submitted by the Project Parties to the Funder on 4 January 2011, a copy of which the Project Parties have already received;

"Background"	together: (a) any Intellectual Property controlled or owned by a Party as at the Commencement Date; and/or (b) any Intellectual Property controlled or owned by a Party following the Commencement Date in each case which is not Foreground;
"Commencement Date"	1 April 2012;
"Communications Plan"	the communications plan agreed, or to be agreed, as between the Parties which describes when and how they will professionally raise awareness of the Project within their respective countries and promote the visibility of the Project through the use of media;
"Confidential Information"	all information disclosed by one Party to another for the purposes of or in connection with this Agreement and/or the Project whether of a technical, commercial or financial nature and in whatever form (being written, oral, visual, or electronic) held relating to: (a) Background; (b) Foreground; and/or (c) the business of a Party;
"Foreground"	all Intellectual Property, results, data, reports information and materials arising from or in connection with performance of the Project;
"Funder"	North Atlantic Treaty Organization (NATO) – Emerging Security Challenges Division;
"Intellectual Property"	collectively and individually any and all intellectual property rights arising or subsisting in any part of the world including: (a) inventions, patents, registered designs, domain names, trade marks (whether registered or unregistered); (b) copyrights, rights in the nature of copyrights, moral rights, design rights and database rights; (c) trade names and logos; (d) know-how and trade secrets; (e) all or any similar or equivalent rights; and (f) applications for any of the foregoing detailed in paragraphs (a) to (e) and the rights to apply therefore in any part of the world;
"Principal Contract"	is: (a) the award letter from the Funder relating to the Project and dated 6 December 2011; and (b) the NATO Science for Peace Programme Project Management Handbook ("Handbook"), each as set out at Schedule 1;

"Project"	the research project entitled " <i>A Multi-Task Investigation on the human immune response to anthrax aimed at developing more efficient vaccines</i> " as further described in the Application;
"Project Completion Date"	shall mean the date of completion of the research and development activities under the Project as defined and determined by the NATO Science for Peace (SfP) Programme Office;
"Term"	the duration of the Agreement as set out in Clause 11.1.

- 1.2 Reference to any statute or statutory provision shall include any amendment, modification or re-enactment thereof.

2. THE PROJECT

- 2.1 The Project Parties acknowledge that they are each bound by the Principal Contract and the terms and conditions thereunder relating to the performance and management of the Project.
- 2.2 CPHR Laboratory shall observe and be bound by the conditions of the Principal Contract and any other conditions as imposed or instructions issued by the Funder from time to time, as if it was a party to the Principal Contract, and insofar as they are capable of performance by CPHR Laboratory and necessary for the Project Parties to fulfil their obligations under the Principal Contract.

3. OBLIGATIONS

- 3.1 In consideration of the mutual rights and obligations hereunder, each Party agrees that it will:
- 3.1.1 act towards the other Parties conscientiously and in good faith;
 - 3.1.2 perform the Project with all reasonable skill and care in accordance with good academic practice, the Principal Contract and the Communications Plan; and
 - 3.1.3 refrain from doing anything which may have the effect of putting any other Party in breach of its obligations under the Principal Contract.

4. SUBMISSION OF PAYMENT REQUEST FORMS

- 4.1 The Partners shall comply with their obligations under the Principal Contract to submit duly completed payment request forms ("PRF"), together with all related back-up documents, to Cardiff each time payment from the Funder is required.
- 4.2 Cardiff shall comply with its obligations under the Principal Contract to submit duly completed PRFs to the Funder, subject to it first approving the relevant PRF.
- 4.3 Save for its obligations pursuant to clause 4.2 above, Cardiff shall not be in any way liable or responsible for the Partners' costs and it is acknowledged that all payments are subject to the ultimate decision of the Funder.
- 4.4 Each Project Party shall be solely responsible for justifying its costs with respect to the Project towards the Funder.

5. INTELLECTUAL PROPERTY

- 5.1 All Background shall remain the property of the Party introducing the same.
- 5.2 Each Party hereby grants the other Parties a non-exclusive, royalty-free licence to use the Background which it introduces into the Project for the purpose of completion of the Project.

- 5.3 Each Party shall, on request, grant the other Parties a licence, on fair and reasonable terms, to use any Background that is required for the exploitation of Foreground.
- 5.4 None of the Parties shall knowingly make Background available to the other Parties (i) which it does not have the right to make available to that Party; (ii) where it does not have the right to grant the licences to use such Background set out in this Agreement; or (iii) where to do so would cause an infringement of the rights of a third party.
- 5.5 Each Party shall own any Foreground that it creates. Where Foreground is generated jointly by the Parties then such Foreground shall be jointly owned by the creating Parties and the owning Parties shall not do anything which would prejudice the rights of the other joint owners thereof.
- 5.6 Each Party shall, on request, grant the other Parties a licence, on fair and reasonable terms, to use any Foreground that is required for the exploitation of the results of the Project.
- 5.7 Each Party hereby grants to the other Parties a non-exclusive, royalty-free licence to use its Foreground for the other Party's own non-commercial research, academic and teaching purposes, subject to the obligation of confidentiality therein. To the extent that the Parties are not able to grant such a licence at the signature of this Agreement, they agree to do so.
- 5.8 If any Party is or becomes aware of any restrictions or obligations to third parties which would limit its ability to grant the licences specified in this Agreement, they shall promptly notify each other as soon as they become aware of such restrictions or obligations.
- 5.9 In the event that a Party involves a student in the performance of the Project, that Party shall own any Foreground created by its student and shall procure the assignment by its student of all the student's right, title and interest in respect of such Foreground (save for any copyright in the student's thesis which shall be owned by the student).
- 5.10 In the event that none of the Parties wish to exploit the Foreground, they shall not refuse to grant licences to requesting 3rd parties on fair and reasonable terms. Licensing to non EAPC countries shall be subject to NATO approval.
- 5.11 In the event that none of the Parties provide proof or evidence of diligent efforts to exploit the Foreground to the NATO Programme Office within a period of 3 years after the Project Completion Date, they shall not refuse to grant licences to requesting 3rd parties on fair and reasonable terms. Licensing to non-EAPC countries shall be subject to NATO approval.
- 5.12 The Parties shall report on intellectual property issues to the SfP Programme Office every six months.

6. CONFIDENTIAL INFORMATION

- 6.1 Each Party undertakes to treat as strictly confidential the Confidential Information belonging to the other Parties and:
- 6.1.1 to use the same only for the purposes of this Agreement;
- 6.1.2 not to disclose the same to any person other than as permitted pursuant to the terms of this Agreement.
- 6.2 In the event of a Party visiting the establishment of another Party, the visiting Party undertakes that any further Confidential Information relating to the other Party's research projects which may come to the visiting Party's knowledge as a result of any such visit, shall be kept strictly confidential and that any such Confidential Information will not be disclosed to any third party or made use of in any way by the visiting Party without prior written permission of the other Party.
- 6.3 Each Party shall restrict access to the Confidential Information belonging to another Party on a need-to-know basis and shall ensure that any employees, students and consultants to

whom Confidential Information is disclosed hold the Confidential Information upon conditions of secrecy as set out in this Agreement.

6.4 The provisions of this Clause 6 shall not apply to any Confidential Information:

6.4.1 which at the time of receipt by a Party is in the public domain; or

6.4.2 is published or generally available to the public through no fault of the receiving Party, its employees or consultants; or

6.4.3 is in the possession of the receiving Party prior to the date of this Agreement and which is not subject to a duty of confidentiality; or

6.4.4 is independently developed by the receiving Party and which is not subject to a duty of confidentiality; or

6.4.5 which after its receipt by a Party is made public by a third party acting without impropriety in so doing.

6.5 The obligations of confidentiality set forth herein shall not apply to any Confidential Information to the extent the same:

6.5.1 is required to be disclosed by applicable law, an order of a court of law, by NATO authorities or by a supervisory or regulatory body to whose rules the receiving Party is subject or with whose rules it is necessary for the receiving Party to comply provided that the receiving Party shall inform the disclosing Party as soon as possible and the disclosing Party be given the opportunity, if time permits, to make appropriate representations or take such action as it feels necessary, at its cost, to attempt to prevent or limit the disclosure of such Confidential Information; or

6.5.2 has been approved for publication by the Party to whom it belongs.

7. DATA PROTECTION

7.1 The Parties acknowledge that personal data may be collected and exchanged during the course of the Project and in such instances will, at all times, comply with all applicable legislation in relation to the same.

8. FREEDOM OF INFORMATION

8.1 If any Party receives a request under the Freedom of Information Act 2000 to disclose any information that under this Agreement includes any Confidential Information belonging to another Party, it will notify and consult with such other Party. The other Party will respond within five working (5) days after receiving notice if the notice requests assistance in determining whether or not an exemption in the Act applies.

9. PUBLICITY

9.1 The Parties shall comply with the Communications Plan in respect of publicising the Project.

9.2 The Parties will not use the name of the other Parties, nor any member of the other Parties staff in any publicity, advertising or news release without the prior written approval of an authorised representative of the other relevant Parties, such approval not to be unreasonably withheld.

10. PUBLICATION

10.1 The Parties recognise that they have a responsibility to ensure that results of scientific interest are appropriately published and disseminated. The Parties shall discuss any such publications to the extent that they relate to Foreground with one another before publication

and ensure that all publications appropriately acknowledge the contribution of the other Parties and the Funder.

11. TERMINATION

- 11.1 This Agreement shall come into effect on the Commencement Date and shall remain in full force and effect until the Project Completion Date.
- 11.2 In the event that a Party's participation in the Principal Contract is terminated, that Party's participation in this Agreement shall terminate as of the same date.

12. EFFECTS OF TERMINATION

- 12.1 Termination of this Agreement, or termination of a Party's participation in this Agreement, shall be without prejudice to the rights of the Parties accrued at the date of termination.
- 12.2 Clauses 1, 4.4, 6, 7, 8, 9, 10, 13 and this Clause 12.2, shall survive termination of this Agreement or termination of a Party's participation in this Agreement.

13. LIABILITY

- 13.1 Each Party shall use reasonable endeavours to ensure the accuracy of any information or materials it supplies under this Agreement for the purpose of completion of the Project and where any inaccuracies, errors or omission are identified by a Party, the Party providing such information or materials shall seek to correct any such errors to ensure completion of the Project to the Funder's satisfaction.
- 13.2 Each Party shall ensure to the best of its knowledge and belief that any Confidential Information, Background or Foreground disclosed shall not infringe any third party intellectual property rights. Any Party shall immediately inform the other Parties of any evidence of infringement of third party intellectual property rights. The Parties shall immediately inform the SfP Programme Office when evidence of the potential infringement of third party intellectual property rights is discovered. The Parties will propose to the SfP Programme Office potential solutions in order to try to avoid conflict with such third party.
- 13.3 Each Party shall be entirely responsible for the use to which it puts Foreground, and no warranty condition or representation of any kind is made, given or to be implied as to the sufficiency, accuracy or fitness for purpose of such Foreground.
- 13.4 Nothing in this Agreement shall limit or exclude either Party's liability for death or personal injury arising from the negligence of such Party.
- 13.5 A Party's aggregate liability towards the other Parties shall be limited to the total sum to be received by that Party from the Funder pursuant to the Principal Contract.
- 13.6 In no circumstances shall a Party be liable to the other under or in connection with this Agreement for:
 - 13.6.1 loss of contracts, loss of goodwill, loss of opportunity, loss of profits or loss of revenue; or
 - 13.6.2 consequential or indirect loss or special loss or damage of any nature whatsoever.

14. GENERAL

- 14.1 This Agreement may be amended only by writing signed by all the Parties.
- 14.2 No Party shall assign or sub-contract any or all of its rights and obligations under this Agreement.

14.3 The Parties to this Agreement do not intend that any of its terms will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

14.4 This Agreement shall be construed in accordance with English & Welsh Law and the Parties agree to submit to the non-exclusive jurisdiction of the courts of England and Wales.

IN WITNESS whereof this Agreement has been executed by the Parties as of the day and year first above written

For and on behalf of

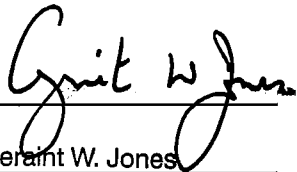
Cardiff University

Signature: _____

Name: _____

Position: _____

Date: _____


Geraint W. Jones
Director
Research and Commercial Division

For and on behalf of

National Centre for Disease Control

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

Ercisyes University

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

The Queen's University of Belfast

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

Central Public Health Reference Laboratory

Signature: _____

Name: _____

Position: _____

Date: _____

Cardiff University

Signature: _____

Name: _____

Position: _____

Date: _____

National Centre for Disease Control

Signature: [Signature]

Name: Nata Aghvami

Position: General Director

Date: June 6, 2012

For and on behalf of

Ercisyes University

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

The Queens University of Belfast

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

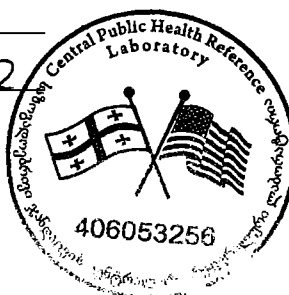
Central Public Health Reference Laboratory

Signature: [Signature]

Name: Anna Zhvanina

Position: Director

Date: 28.05.2012



14.3 The Parties to this Agreement do not intend that any of its terms will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

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IN WITNESS whereof this Agreement has been executed by the Parties as of the day and year first above written

For and on behalf of

Cardiff University

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

National Centre for Disease Control

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

Ercisyes University

Signature: M. Degaray

Name: Mehmet Degaray

Position: Head, Dept. Infect. Dis

Date: 1 May 23, 2012

For and on behalf of

The Queens University of Belfast

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

Central Public Health Reference Laboratory

Signature: _____

Name: _____

Position: _____

Date: _____

14.3 The Parties to this Agreement do not intend that any of its terms will be enforceable by virtue of the Contracts (Rights of Third Parties) Act 1999 by any person not a party to it.

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IN WITNESS whereof this Agreement has been executed by the Parties as of the day and year first above written

For and on behalf of

Cardiff University

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

National Centre for Disease Control

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

Ercisyes University

Signature: _____

Name: _____

Position: _____

Date: _____

For and on behalf of

The Queen's University of Belfast

Signature: 

Name: SCOTT RUTHERFORD

Position: DIRECTOR

Date: 11/6/12

For and on behalf of

Central Public Health Reference Laboratory

Signature: _____

Name: _____

Position: _____

Date: _____



SCHEDULE 1
PRINCIPAL CONTRACT



EMERGING SECURITY CHALLENGES DIVISION
ASSISTANT SECRETARY GENERAL
DIVISION DES DÉFIS DE SÉCURITÉ ÉMERGENTS
LE SECRÉTAIRE GÉNÉRAL ADJOINT

Dr. Chris De Wispelaere
Director of Projects
Science for Peace & Security (SPS)
Tel: 32-2-707.4620 / 4619

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ORIGINAL

6 December 2011
ESC(2011)0909
SPS(EAP.SFPP 984208)

Prof. Leslie Baillie
Cardiff University
Welsh School of Pharmacy
Redwood Building
King Edward VII Avenue
Cardiff, CF10 3NB
UK

Dear Prof. Baillie,

Upon recommendation of the Independent Scientific Evaluation Group (ISEG), and on behalf of the NATO Political and Partnerships Committee, I am pleased to inform you that, in the framework of the Science for Peace and Security (SPS) Programme, NATO has awarded a grant for the NATO project.EAP.SFPP 984208 - "A Multi-Task Investigation on the Human Immune Response to Anthrax aimed at Developing more Efficient Vaccines" which you have proposed in collaboration with:

Dr. Nino Trapaidze, National Center for Disease Control, Tbilisi, Georgia
Prof Mehmet Doganay, Ercisyes University, Kayseri, Turkey
Dr. Beckie Ingram, Centre for Infection & Immunity, Belfast, United Kingdom

This grant, in the amount of EUR 50,000.00 (FIFTY THOUSAND EUROS), is made in your name as NATO country Project Director on the understanding that your institutional affiliation is the Cardiff University.

This grant is made under reference.EAP.SFPP 984208 subject to the NATO financial regulations and the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" specified in the attachment which is an integral part of this Grant Letter.

This original document should be circulated to all Project Co-Directors who are requested to initial this letter and each page of the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" and sign the acceptance statement. The head of the institution with which each partner is affiliated or his designee is also requested to sign this acceptance statement. The grant will come into effect upon receipt by the Science for Peace (SfP) Projects Office of the original document completed by all parties. Until such time, and in order that the project may start without delay, faxed copies of this document completed by individual Project Co-Directors will be provisionally accepted.

This grant does in no way constitute or guarantee that in the future any additional grant will be awarded. Such additional grant will depend on the fulfilment of the conditions in this Grant Letter, among which the availability of budgetary credits.

Yours sincerely,


Gábor Iklódy

cc: All Co-Directors, as listed above.

North Atlantic Treaty Organization - Organisation du Traité de l'Atlantique Nord
Boulevard Léopold III - B-1110 Bruxelles - Belgique
Tel: +32(0)2 707 44 20 - Fax: +32(0)2 707 52 28

**FUNDING PROVISIONS AND TERMS AND CONDITIONS FOR THE ADMINISTRATION OF
SCIENCE FOR PEACE PROJECTS
NATO.EAP.SFPP 984208
NATO SfP-Anthrax Vaccines**

1. FUNDING PROVISIONS

- 1.1. The project **NATO SfP-Anthrax Vaccines** outlined in the Project Plan "A Multi-Task Investigation on the Human Immune Response to Anthrax aimed at Developing more Efficient Vaccines" dated 4 January 2011, for an overall amount estimated at **255,000.00 EUR** has been, in principle, approved by NATO. Through this grant letter a grant in the amount of **50,000.00 EUR** is awarded for the project. This amount can be used to cover payments during the present calendar year as well as the following two calendar years.
- 1.2. This amount is available to cover expenses as outlined in the approved project plan. Payments from this amount must be requested from the Science for Peace (SfP) Projects Office by the NATO country Project Director (NPD) through a standard "Payment Request Form" to which all relevant backup documents (such as original invoices, travel reimbursement forms and original air ticket stubs) must be attached.
- 1.3. The present grant letter does not constitute or guarantee the award of additional grants by NATO. These will be subject to annual budgetary approval by NATO and further depend on the availability of budgetary credits as authorised for the multi-year SfP Projects as well as on satisfactory progress being made by the Project as determined by the Director of Projects.

2. TERMS AND CONDITIONS

General

Administration and management of the Project shall be in accordance with established national and institutional procedures and regulations. Administration and management should also be in accordance with the requirements of the **SfP Project Management Handbook**, further referred to as "the Handbook", **available from the NATO web site <http://www.nato.int/science>** under "Grantees". Any conflict between the Handbook and national procedures should be brought to the attention of the Director of Projects for resolution.

If a future need arises, the conditions of this SfP grant may be amended by mutual agreement. The following provisions of the Handbook are brought, in particular, to your attention.

- 2.1. Project Plans and Progress Reports. In accordance with **Section 8** of the Handbook, Project Co-Directors will be responsible for preparing and submitting to the SfP Projects Office, six-monthly summary reports, progress reports and financial reports.
- 2.2. Use of NATO Funds is limited as defined in **Section 2** of the Handbook. Also note NATO can not subscribe to any health or accident insurance on behalf of the organisation or its employees, nor accept any liability for any death, injury or illness related to Project activities (**Section 5** of the Handbook refers).
- 2.3. Procurement of Equipment, Supplies and Services shall be in accordance with **Section 4** of the Handbook. Unless otherwise authorised by the Director of Projects, competitive bidding within NATO or Partner countries is necessary for all procurements with a value over 12.500 EUR. All invoices should be addressed to the NATO country Project Director and clearly mention the short title of the NATO project.
- 2.4. Equipment Property Ownership will be retained by NATO for the duration of the Project under the terms and conditions defined in **Section 9** of the Handbook.

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- 2.5. Proprietary Rights and Patents shall be in accordance with national regulations governing such matters (**Section 7** of the Handbook). However, upon request and for the purpose of evaluating status and performance of the Project, information shall be provided to the NATO Director of Projects; such information will be appropriately marked to ensure that it is properly safeguarded.
- 2.6. Training and Travel by Project Personnel and others using NATO funds shall be in accordance with NATO travel regulations, as stated in **Section 5** of the SfP Management Handbook. Of particular importance is the requirement that the traveller obtains written approval of travel from the NATO country Project Director. There is a requirement for a written report by any traveller.
- 2.7. Fees and Honoraria for technical advisers will be as prescribed in **Section 6** of the Handbook.
- 2.8. Changes in Key Project Personnel, such as Project Co-Directors, will be made only after consultation with the Director of Projects since the capabilities of these individuals were an important factor in the approval of the Project.
- 2.9. Stipendiaries. CVs of proposed stipendiaries should be submitted to, and approved by, the SfP Projects Office before a stipendiary receives payment.

Specific

The indicative distribution of NATO funds among the Partners in the project is as follows:

Cardiff University, Cardiff, United Kingdom	18,000	EUR
Communications Plan (common project funds held under the administration of the NPD).	<u>5,000</u>	EUR
	23,000	EUR
National Center for Disease Control, Tbilisi, Georgia	212,000	EUR
Ercisyes University, Kayseri, Turkey	10,000	EUR
Centre for Infection & Immunity, Belfast, United Kingdom	10,000	EUR

The detailed budget table is attached (without inclusion of the Communications Plan funds).

- (b) An **Intellectual Property Rights Agreement (IPR) is to be submitted** to the SfP Projects Office at NATO **together with the completed award letter**. Alternatively, a signed statement, completed with signatures of all Co-Directors and head of their affiliated institute, may be provided if it is deemed that such Agreement is not required for the project.
- (c) A **Communications Plan is to be submitted** to the SfP Projects Office at NATO **together with the completed award letter**. The overall estimated budget for the project has therefore been increased by 5,000 EUR (five thousand euros) subject to the receipt of a satisfactory Communications Plan. These common funds will be administered by the NPD.

The Communications Plan, taking into account project timelines and milestones, should describe when and how the project will professionally raise awareness within the participating countries and promote the visibility of the Project through use of the media (articles, radio, TV, etc.). It should also include a project web site, professional videos and/or photos. Wherever possible, use should be made of the Publications Office and/or Public Relations Office of the University/Institute of each Co-Director. Use of the modern communication tools available at NATO should also be taken into consideration (i.e. NATO website, NATO internet TV, video products, articles for the NATO Review, etc.).

LA, B1, 110, NT

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APPROVAL OF PROJECT NATO ISEG.EAP.SFPP 984208
NATO Sfp-Anthrax Vaccines
Grant Letter dated 6 December 2011

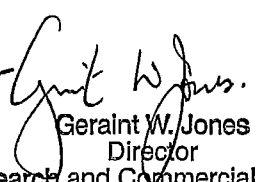
NATO country Project Director and Partner country Project Director

I, Prof. Leslie Baillie, NATO country Project Director (NPD), have read and accept the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" for NATO ISEG.EAP.SFPP 984208.

Signed: NATO country Project Director (NPD)
Date: 16 March 2012

Head of the NPD's Institution
Date: 16 March 2012

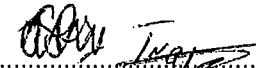
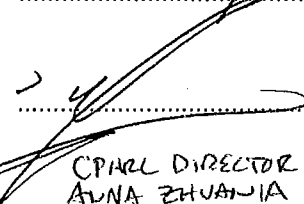
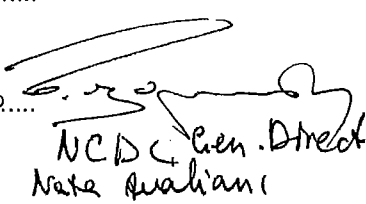

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Mark Sumbler

Geraint W. Jones
Director
Research and Commercial C

I, Dr. Nino Trapaidze, Partner country Project Director (PPD), have read and accept the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" for NATO ISEG.EAP.SFPP 984208.

Signed: Partner country Project Director (PPD)
Date: 23.04.12

Head of the PPD's Institution
Date: 24 April, 2012

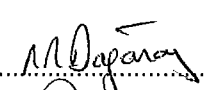
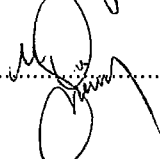

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CPHLL DIRECTOR
ALINA ZHUVANIA

NCD Gen. Direct
Nate Avakian

OTHER Co-Directors (both from NATO and Partner Countries)

I, Prof Mehmet Doganay, Ercisyes University, Kayseri, Turkey, Project Co-Director, have read and accept the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" for NATO ISEG.EAP.SFPP 984208.

Signed: Project Co-Director
Date: 30 March 2012

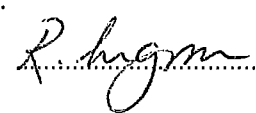
Head of the Project Co-Director's Institution
Date: 30 March 2012


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I, Dr. Beckie Ingram, Centre for Infection & Immunity, Belfast, United Kingdom, Project Co-Director, have read and accept the "Funding Provisions and Terms and Conditions for the Administration of Science for Peace Projects" for NATO ISEG.EAP.SFPP 984208.

Signed: Project Co-Director
Date: 21/3/12

Head of the Project Co-Director's Institution
Date: 24/3/12


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PLEASE DO NOT SEPARATE PAGES

984208 A multi-task investigation on the human immune response to anthrax aimed at developing more efficient vaccines

**Initial
proposed
budget** **NATO
proposed
Budget**

Short Title *Anthrax Vaccines*

PPD Trapaize, National Centre for Disease Control, Tbilisi, Georgia

0 Equipment	0	78,430	78,430
0 Computers & SW	0	4,078	4,000
0 Training	0	15,000	15,000
0 Books & publications	0	2,220	2,000
0 Experts/Advisors	0	0	0
0 Travel	0	15,000	15,000
0 Consumables	0	103,425	88,570
0 Other costs	0	0	0
0 Stipends	0	9,000	9,000
Total		227153	212000

NPD Baillie, Welsh School of Pharmacy, Cardiff, UK

0 Equipment	0	0	0
0 Computers & SW	0	0	0
0 Training	0	0	0
0 Books & publications	0	0	0
0 Experts/Advisors	0	0	0
0 Travel	0	0	0
0 Consumables	0	9,000	9,000
0 Other costs	0	8,250	8,000
0 Stipends	0	2,250	1,000
Total		19500	18000

Doganay, Ercisyes University, Kayseri, Turkey

0 Equipment	0	0	0
0 Computers & SW	0	0	0
0 Training	0	0	0
0 Books & publications	0	0	0
0 Experts/Advisors	0	0	0
0 Travel	0	7,500	7,500
0 Consumables	0	2,250	2,250
0 Other costs	0	250	250
0 Stipends	0	0	0
Total		10000	10000

Ingram, Queens University, Belfast, UK

0 Equipment	0	0	0
0 Computers & SW	0	0	0
0 Training	0	0	0
0 Books & publications	0	0	0
0 Experts/Advisors	0	0	0
0 Travel	0	8,500	8,500
0 Consumables	0	1,500	1,500
0 Other costs	0	0	0
0 Stipends	0	0	0
Total		10000	10000

GrandTotal 266653 250000

Common Project funds for Communications Plan not included.

LS, BI, NT