

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>MICHAEL JOHN GAIT</td> <td>06/27/2013</td> </tr> <tr> <td>ANDREY ALEXANDROVICH ARZUMANOV</td> <td>06/27/2013</td> </tr> <tr> <td>AMER F. SALEH</td> <td>06/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	MICHAEL JOHN GAIT	06/27/2013	ANDREY ALEXANDROVICH ARZUMANOV	06/27/2013	AMER F. SALEH	06/28/2013		
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<table border="1"> <tr> <td>Name:</td> <td>MEDICAL RESEARCH COUNCIL</td> </tr> <tr> <td>Street Address:</td> <td>2ND FLOOR, DAVID PHILLIPS BUILDING, POLARIS HOUSE, NORTH STAR AVENUE</td> </tr> <tr> <td>City:</td> <td>SWINDON</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>SN21FL</td> </tr> </table>		Name:	MEDICAL RESEARCH COUNCIL	Street Address:	2ND FLOOR, DAVID PHILLIPS BUILDING, POLARIS HOUSE, NORTH STAR AVENUE	City:	SWINDON	State/Country:	UNITED KINGDOM	Postal Code:	SN21FL
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14240832</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14240832						
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Application Number:	14240832										
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Signature:	/Jiangqiong Liu/										
Date:	02/25/2014										
Total Attachments: 6											

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Assignment of invention &
US 61/528,804, GB 1115014.1, GB1211740.4 and PCT/GB2012/052118
Ref. RIC/CP6837744, A813/2670

ASSIGNMENT OF INVENTION & RELATED INTELLECTUAL PROPERTY RIGHTS

PARTIES

- (1) **WOOD, Matthew J. A.** care of Department of Physiology, Anatomy and Genetics, University of Oxford, South Parks, Oxford, OX1 3QX, United Kingdom;
- (2) **BETTS, Corinne** care of Department of Physiology, Anatomy and Genetics, University of Oxford, South Parks, Oxford, OX1 3QX, United Kingdom;
- (3) **KOO, Taeyoung** care of Department of Physiology, Anatomy and Genetics, University of Oxford, South Parks, Oxford, OX1 3QX, United Kingdom;

together the Inventors or each an Inventor as the context may indicate; and

- (4) **THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF OXFORD** whose administrative office are at Wellington Square, Oxford OX1 2JD, UK (the Employer).

BACKGROUND

- (A) Each Inventor is an Inventor of the Invention for which the Patents Applications have been or will be filed. The contributions of the Inventors to the Invention were made in the course of the duties of each Inventor as an employee of the Employer, and either the circumstances were such that an invention might reasonably have been expected to result from the carrying out of those duties, or the nature of those duties was such that the inventor had a special obligation to further the interests of the Employer's undertaking.
- (B) The Inventors and the Employer believe that, either by operation of law or by virtue of an agreement entered into by each of the Inventors and the Employer before the making of the Invention, the Employer was, at the time the Invention was made, entitled to the whole of the property in the contributions of the Inventors to the Invention.
- (C) In case the Employer for any reason was not, at the time the Invention was made, entitled to the whole of the property in the contributions of the Inventors to the Invention, and in any event in order to provide documentary evidence that the Employer was entitled to the whole of the property in the contributions of the Inventors to the Invention, and in order to provide documentary evidence that the Employer is the owner of both the legal title and the beneficial interest in the Patent Applications and in any contributions of the Inventors to the Invention, including any further contributions that the Inventors may make to the development or improvement of the Invention, the Inventors and the Employer have agreed to execute this Assignment.

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US 61/528,804, GB 1115014.1, GB1211740.4 and PCT/GB2012/052116
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AGREED TERMS

1. INTERPRETATION

- 1.1 The definitions and rules of interpretation in this clause apply in this Assignment.

Invention means the invention or inventions entitled PEPTIDES.

Future Applications means any future applications linked by one or more priorities to the PCT Applications and all matter contained in such future applications.

Patent Applications means the Priority Applications, the PCT Applications and the Future Applications and any and all:

- (a) national and regional phase applications of all such applications; and
- (b) divisions, continuations and continuations-in-part of all such applications; and
- (c) patents that may be granted pursuant to any of the aforesaid applications for their full period, including any re-issues, re-examinations, renewals, extensions and Supplementary Protection Certificates.

PCT Applications means the PCT patent applications, short particulars of which are set out in Part 2 of the Schedule.

Priority Applications means the priority patent applications, short particulars of which are set out in Part 1 of the Schedule.

- 1.2 A person includes a natural person, corporate or unincorporated body (whether or not having separate legal personality) and that person's legal and personal representatives, successors and permitted assigns.

2. ASSIGNMENT

In consideration of the sum of £1 (sufficiency and receipt of which the Inventors expressly acknowledge), each of the Inventors hereby assign to the Employer all their right, title and interest in Canada, the United States and all other countries of the world in, to and arising from the invention and, with effect from immediately prior to the filing of each, the Patent Applications including (but not limited to):

- (a) in respect of the invention and any invention that shall be disclosed in, and all matter that shall be contained in, any of the Patent Applications, the right to file applications, claim priority from such applications, and prosecute and obtain grant of patent or other

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Intellectual property protection in respect of any country, region or territory in the world;

- (b) in respect of each and any Patent Application:
 - (i) the right to claim priority from and to prosecute and obtain grant of patents; and
 - (ii) the right to file divisional applications based on the Patent Applications and to prosecute and obtain grant of patent on each and any such divisional application;
- (c) the right to extend to, or register in or in respect of any country, region or territory in the world, each and any of the Patent Applications and to extend to or register in, or in respect of, any country, region or territory in the world any patent or other intellectual property protection granted on any of such applications;
- (d) the absolute entitlement to any patents granted pursuant to any Patent Application; and
- (e) the right to bring, make, oppose or defend claims or actions, appeal proceedings and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership of the Inventions and the Patent Applications, whether occurring before on or after the date of this Assignment.

3. FURTHER ASSURANCE

Each Inventor shall, at the Employer's or any further assignee's cost, perform all further acts and things, and execute all further documents, required by law or which the Employer or any further assignee requests to vest in the Employer or any further assignee the full benefit of the right, title and interest assigned to the Employer under this Assignment, including (but not limited to):

- (a) documents required to be signed by or on behalf of the Inventors or the Employer in the course of any and all Canadian or United States or any other applications which relate to the Invention or to any inventions that shall be disclosed in any of the Patent Applications;
- (b) registration of the Employer or any further assignee as applicant for, or proprietor of, the Patent Applications; and
- (c) assisting the Employer or any further assignee in obtaining, defending and enforcing any of the Patent Applications, and assisting with any other proceedings which may be brought by or against the Employer or any further assignee by any third party or in the resolution of any question concerning the Invention, or the Patent Applications or any inventions that shall be disclosed in any of the Patent Applications.

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4. POWER OF ATTORNEY

The Inventors and the Employer grant the firm of Mawburn Ellis LLP the power to insert in Part 3 of the Schedule to this Assignment the short particulars of any Future Patent Applications relating to the invention submitted in Canada or the United States or any other countries, regions or territories of the world, which shall fall within the scope of clause 2 above, or as may be necessary or desirable in order to comply with the rules of the United States Patent Office or the Canadian Patent Office or any other patent office for the recordal of this Assignment.

5. ISSUE OF PATENTS

The Inventors and the Employer request the US Commissioner of Patents and the relevant authorities in all countries, regions and territories of the world to issue any patents granted for the inventions or pursuant to any of the Patent Applications in the name of the Employer or any further assignee (either alone or jointly with any co-applicant) in accordance with this Assignment.

6. WAIVER

No failure or delay by a party to exercise any right or remedy provided under this Assignment or by law shall constitute a waiver of that or any other right or remedy, nor shall it preclude or restrict the further exercise of that or any other right or remedy. No single or partial exercise of such right or remedy shall preclude or restrict the further exercise of that or any other right or remedy.

7. COUNTERPARTS

This Assignment may be executed in any number of counterparts, each of which when executed shall constitute an original of this Assignment, but all the counterparts shall together constitute the same agreement.

8. GOVERNING LAW AND JURISDICTION

This Assignment shall be governed by and construed in accordance with the law of England and Wales. The parties agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Assignment.

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Ref. RIC/CP6837744, AB13/2870

Schedule: The Patent Applications**Part 1: Priority Applications**

Country	Application No.	Application Date	Title
US	61/528,804	30 August, 2011	PEPTIDES
GB	1115014.1	30 August, 2011	PEPTIDES
GB	1211740.4	3 July, 2012	PEPTIDES

Part 2: PCT Applications

Application No.	Application Date	Title
PCT/GB2012/052116	29 August 2012	Peptides

Part 3: Identification of some, but not necessarily all, patent applications falling within the scope of clause 2 of this Assignment

Country/region	Application No.	Application Date	Title	Signature for Mewburn Ellis LLP

Assignment of invention &
US 61/528,804, GB 1115014.1, GB1211740.4 and PCT/GB2012/052116
Ref: RIC/CP6837744, A813/2670

Executed by Matthew J. A. WOOD
in the presence of:

A. Ody
SIGNATURE OF WITNESS
NAME: HELEN ODY
ADDRESS: DPAG, UNIVERSITY OF
OCCUPATION: P.A. OXFORD
DATE: 5/12/13

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SIGNATURE OF INVENTOR

Executed by Carinne BETTS in
the presence of:

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ADDRESS: DPAG, UNIVERSITY OF
OCCUPATION: LECTURER OXFORD
DATE: 5/12/2013

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SIGNATURE OF INVENTOR

Executed by Taeyoung KOO in the
presence of:

[Signature]
SIGNATURE OF WITNESS
NAME: Pieter Vader
ADDRESS: DPAG, University of Oxford
OCCUPATION: senior postdoctoral research fellow
DATE: 5/12/2013

[Signature]
SIGNATURE OF INVENTOR

Executed by THE CHANCELLOR,
MASTERS AND SCHOLARS OF
THE UNIVERSITY OF OXFORD
acting by, an
authorised person, in the presence
of:

[Signature]
SIGNATURE OF AUTHORISED
PERSON
Lucy Booth
IP Rights Manager
Research Services
University of Oxford
10 DEC 2013

[Signature]
SIGNATURE OF WITNESS
NAME: MARY K. BISPHAM
ADDRESS: Research Services, University of Oxford
OCCUPATION: IP Rights Officer
DATE: 10/12/13