



LUND
UNIVERSITY

Department of Medicine, Lund
Professor Bo Ahrén

同瑞典隆德大学医学院发表论文4篇的证明

To whom it may concern,

I have been collaborating with Dr Shukun Yu in a joint scientific collaboration on 1,5-anhydro-D-fructose. This collaboration has resulted in four scientific publications, of which three are published:

- 1). Ahrén, B., Holst, J. J., and Yu, S (2000). 1,5-Anhydro-D-fructose increases glucose tolerance by increasing glucagon-like peptide-1 and insulin in mice. *Eur. J. Pharmacol.* 397: 219-225.
- 2). S. Yu, J. Mei, B. Ahrén (2004). Basic toxicology and metabolism studies of 1,5-anhydro-D-fructose using bacteria, cultured mammalian cells and rodent models, *Food and Chemical Toxicol.* 42:1677-1686.
- 3). Jie Mei, S. Yu, Bo Ahrén (2005). A 90-day Toxicological Evaluation of 1,5-Anhydro-D-Fructose in Sprague-Dawley Rats. *Drug and Chemical toxicol.*, 28(3): 263-272.
- 4). Jie Mei, S. Yu, Bo Ahrén (2007). Role of 1,5-Anhydro-D-fructose in C57BL/6J mice challenged with high-fat diet. *In manuscript.*

The collaboration has been very fruitful. I warmly recommend Dr Yu for further scientific work.

Lund, March 24, 2007

A handwritten signature in black ink, appearing to read 'Bo Ahrén'.

Bo Ahrén
Professor
Dean of Faculty of Medicine, Lund University

EUROPEAN SYNCHROTRON RADIATION FACILITY
INSTALLATION EUROPEENNE DE RAYONNEMENT SYNCHROTRON



Prof. Sine Larsen
Director of Research
Tel : +33 (0) 4 76 88 21 81
 : +33 (0) 4 76 88 20 14 (secretary)
Fax : +33 (0) 4 76 88 21 60
Email: slarsen@esrf.fr

Ref: SL/IC/07-08

Monday, March 19th, 2007

同欧盟同步辐射中心 (ESRF) 主任Sine Larsen教授的合作发文及博士生导师证明

To whom it may concern

This is to indicate my collaborator Dr Shukun YU supervised with me my PhD student Heidi. A. Ernst in her molecular biology work and coauthored the following paper:

H. A. Ernst, L. L. Leggio, Shukun Yu, C. Finnie, B. Svensson & S. Larsen (2005), Probing the structure of glucan lyases – the lytic members of GH31 – by sequence analysis, circular dichroism and proteolysis. *Biologia*, 60: Suppl. 16: 149-159.

A handwritten signature in cursive script that reads 'Sine Larsen'.

Prof. ~~XXXXXXXXXX~~
Director of Research, ESRF
Head of Centre for Crystallographic Studies. Chemical Institute,
University of Copenhagen, Universitetsparken 5
DK-2100 Copenhagen

Société Civile
RCS Grenoble D 338 723 919
N° Siret 338 723 919 000 19 - APE 731 Z

Postal address : ESRF - 6 rue Jules Horowitz - BP 220 - F 38043 Grenoble Cedex - France
Location : Polygone Scientifique Louis Néel - Avenue des Martyrs - Grenoble - France
Telephone (Switchboard) : +33 (0)4 76 88 20 00 - Telefax : +33 (0)4 76 88 20 20 - Telex : 308 352 F



Département de Génie Biochimique et Alimentaire

UMR C.N.R.S. 5504 – UMR I.N.R.A. 792

Professeur Pierre Monsan

Toulouse, March 7th, 2007

同法国Toulouse大学 Pierre Monsan教授的合作发文及培养2位博士的证明

To whom it may concern,

This is to indicate my collaborator Dr Shukun YU co-supervised with me my two ex-PhD students Dr Gaëtan Richard and Dr Virginie Rousseau and produced the following paper:

Gaëtan Richard, Shukun Yu, Pierre Monsan, Magali Remaud-Simeon and Sandrine Morel (2005). A novel family of glucosyl 1,5-anhydro-D-fructose derivatives synthesised by transglucosylation with dextransucrase from *Leuconostoc mesenteroides* NRRL B-512F. *Carbohydr. Res.* 340: 395-401.

A handwritten signature in black ink, appearing to read 'P. Monsan'.

Prof. Pierre MONSAN

Member of the French University Institute and of the French Academy of Technologies

Head, Biocatalysis Group
Laboratory of Engineering of BioSystems and Processes
Département de Génie Biochimique
INSA, 135 avenue de Rangueil, 31077 Toulouse Cedex 4, France.

Phone: 33 (0)5.61.55.94.15
Fax: 33 (0)5.61.55.93.9
E-mail : Pierre.Monsan@insa-toulouse.fr
<http://www.insa-tlse.fr>

Institut National des Sciences Appliquées de Toulouse – 135, avenue de Rangueil – 31077 Toulouse cedex 4 (France)
Tél. +33 (0) 561 559 415 – Télécopie : +33 (0) 561 559 400 – Courrier Electronique : Pierre.Monsan@insa-tlse.fr



**Chair for Carbohydrate Technology
Technical University of Braunschweig**

Prof. Dr.rer.nat Klaus Buchholz



Chair for Carbohydrate Technology
Hans-Sommer-Str. 10, D-38106 Braunschweig, Germany

Name: Klaus Buchholz
Tel.: 0531 391 7260 / 391 5360
Fax.: 0531 391 5357
e-mail: K.Buchholz@tu-bs.de

Datum: 22.3.2007

同德国Braunschweig技术大学 Klaus Buchholz教授的合作发文及培养2位博士的证明

To whom it may concern,

This is to indicate that my collaborator Dr Shukun YU co-supervised with me my two ex-PhD students Dr Olaf Deppe and Dr Anke Glümer and produced the following paper:

Olaf Deppe, Anke Glümer, Shukun Yu, Klaus Buchholz (2004): Synthesis and copolymerization of an unsaturated 1,5-anhydro-D-fructose derivative. **Carbohydr. Res.** 339 (12): 2077-82.

Prof. ~~Klaus Buchholz~~
Chair for Carbohydrate Technology
Langer Kamp 5
38106 Braunschweig
Germany
Tel.: 49 (0)531/3800920
Fax.: 49 (0)531/3800988
K.Buchholz@tu-bs.de

UNIVERSITÄT DES SAARLANDES
Lehrstuhl für Angewandte Mikrobiologie
Univ.-Prof. Dr. Friedrich Giffhorn



Saarbrücken, 02.05.2007

Telefon 0681/302-3444

Telefax 0681/302-4360

e-mail: giffhorn@mx.uni-saarland.de

<http://www.uni-saarland.de/fak8/giffhorn/>

同德国Des Saarlandes大学 Friedrich Giffhorn教授的合作发文及培养博士的证明

To whom it may concern,

This is to indicate my collaborator Dr Shukun YU co-supervised with me my ex-PhD student Dr Annette Kühn and produced the following paper:

Annette Kühn, Shukun Yu and Friedrich Giffhorn, Catabolism of 1,5-anhydro-D-fructose in *Sinorhizobium morelense* S-30.7.5: Discovery, characterization, and overexpression of a new 1,5-anhydro-D-fructose reductase and its application in sugar analysis and rare sugar synthesis. *Appl. Environ. Microbiol.* **72**, 1248-1257 (2006).

Univ.-Prof. Dr. ~~XXXXXXXXXXXXXXXXXXXX~~,

D-66041 Saarbrücken, Postfach 151150, Geb. A1.5

TECHNICAL UNIVERSITY OF DENMARK
DEPARTMENT OF CHEMISTRY



Inge Lundt, Professor
Department of Chemistry, Building 201, DK-2800 Kgs. Lyngby, Denmark
Telf: +45 4525 2133. Fax: +45 4593 3968. e-mail: il@kemi.dtu.dk

同丹麦DTU科技大学Inge Lundt教授的合作发文及培养2位博士的证明

To whom it may concern,

This is to confirm that Dr Shukun YU has been a co-supervisor for my PhD students Dr Søren Møller Andersen and Dr Mikkel Andreassen. Based on this collaboration the following papers were published:

Andersen, S.M.; Lundt, I.; Marcussen J. and Yu, S. 1,5-Anhydro-D-fructose. A versatile chiral building block: biochemistry and chemistry. *Carbohydr. Res.* 337, **2002**, 873-890.

Søren M. Andersen, Inge Lundt, Jan Marcussen and Shukun Yu 1,5-Anhydro-D-fructose: regioselective acylation with fatty acids. *Carbohydr. Res.* 320, **1999**, 250 -256.

Andreassen, M.; Yu, S.; Lundt, I. Enzymatic production and stability of Microthecin, **2007** (Manuscript in preparation).

A handwritten signature in black ink that reads 'Inge Lundt'.

Inge Lundt

BioCentrum-DTU
Technical University of Denmark



同丹麦DTU科技大学Birte Svensson教授联合培养博士的证明
To whom it may concern

March 16, 2007
bis

This is to indicate my collaborator Dr Shukun YU is co-supervising with me one of my PhD student Malene Bech Vester-Christensen in the study of glucan lyases of prokaryotic origin for its expression, purification, characterization of wild type and mutant enzymes, in an effort to understand the structure-function relationship of glucan lyase catalyzed reactions.

A handwritten signature in blue ink that reads 'Birte Svensson'.

Professor A redacted name consisting of several vertical bars.

Enzyme and Protein Chemistry (EPC)
BioCentrum-DTU
Technical University of Denmark
DK-2800 Kgs. Lyngby
Denmark
Phone: +45 4525 2740
Fax: +45 4588 6307
E-mail: bis@biocentrum.dtu.dk

BioCentrum-DTU
Enzyme and Protein Chemistry

Søllusts Plads
DTU - Building 224
DK-2800 Kgs. Lyngby
Denmark

Tel +45 45 25 20 00
Tel dir. 45 25 27 40
Fax +45 45 88 63 07

bis@biocentrum.dtu.dk
www.biocentrum.dtu.dk/



EUROPEAN COMMISSION
DIRECTORATE-GENERAL XII
SCIENCE, RESEARCH AND DEVELOPMENT
Directorate BI - Life Sciences I
The Director

Brussels, 29. VI. 1999

Dr. Shukun YU
DANISCO A/S
Danisco Biotechnology
1 Langebrogade
PO Box 17, DK - 1001 Copenhagen K

Subject: Cell Factory key action
Area 3.3.3 "Functional biomolecules and biocatalysts"
Evaluation panel - Stage 1

Dear Dr. YU

In accordance with the terms of the Call for Applications issued on 11/12/98 (ref. OJ 98/C 385 A/02) and following the recent launch of the programme **Quality of Life and management of Living Resources** under the Community's 5th Framework Programme, I am pleased to invite you to become a member of the stage 1 evaluation panel for "Functional biomolecules and biocatalysts" which will examine proposals submitted under the programme. The panel chairman will be Dr. Philippe de Taxis du Poët, and your participation is expected in the week of July 5-9, 1999, for in principle 3 or 4 days, starting on Monday at 9:00.

The proposed panel has been constituted in the light of the requirements of balance and technical representation referred to in the Call for Applications.

I attach in duplicate the contract-letter which includes the timetable for the panel's work indicating the dates and location of scheduled meetings and also the schedule of rates for remuneration and expenses. A general outline of the evaluation procedures has been previously sent to you.



EUROPEAN COMMISSION
RESEARCH DG
Directorate B1 - Life Sciences I
The Director

18.04.2000 008914

Brussels,

Doctor Shukun YU
Danisco Ltd
Danisco Biotechnology
1 Langebrogade
DK - 1001 Copenhagen
Fax: (45)32662167

Subject: Membership of Expert Evaluators Panel for *Food, Nutrition & Health* under Programme Quality of Life and Management of Living Resources

Dear Doctor Shukun YU

In accordance with the terms of the Call for Applications issued on 11/12/98 (ref. OJ 98/C 385 A/02) and following the launch of the programme Quality of Life and Management of Living Resources under the Community's 5th Framework Programme, I am pleased to invite you to become a member of the Food, Nutrition & Health panel which will examine proposals submitted under the programme. The panel co-ordinator will be Dr. Torbjörn Ingemansson (Tel: +32 2 2967175, Fax: +32 2 2964322) and your participation is expected for the period from 8/05/2000 to 12/05/2000, at the latest.

The evaluation will take place at Square Frère Orban 8, 1050 Brussels. Registration will start from 8h00 AM and a briefing will commence at 09h30 AM.

The proposed panel has been constituted in the light of the requirements of balance and technical representation referred to in the Call for Applications.

You will be asked to sign your contract upon arrival on the evaluation premises. You will also receive a schedule of rates for remuneration and expenses.

For legal persons: The expert may not be able to sign the contract in the name of his organisation/company/institute. In this case, you MUST arrive with a letter of delegation of signature (mandate) from the person authorised to sign the contract.

If you are unable to accept the invitation on this occasion please inform us as soon as possible.

If you have any queries or require further clarification please contact the scientific officer (moderator) mentioned above.

Yours sincerely,

Rainer GEROLD

c.c.: Torbjörn Ingemansson



EUROPEAN COMMISSION
Research Directorate General

Brussels, 03/10/2005

Ad: D.3/2005/D/532586
PCU: 3.06.00.00

Shukun YU
Principal Sr sct, Project leader
29 Gunnarhejdemansgatan
212 40 Malmoe
Sweden

APPOINTMENT LETTER
CT-EX2002B028923-101

Subject: FP6-2004-Mobility-12, FP6-2004-Mobility-11, FP6-2005-Mobility-1, FP6-2005-Mobility-10, FP6-2005-Mobility-3, FP6-2005-Mobility-5, FP6-2005-Mobility-6, FP6-2005-Mobility-7, FP6-2005-Mobility-8, FP6-2005-Mobility-9, FP6-2006-Mobility-4

Dear Shukun YU

The European Union represented by the European Commission would like to thank you for agreeing to assist its services as an independent expert to the evaluation sessions for proposals received in response to the above-mentioned call under the Sixth Framework Programme of the European Community for research, technological development and demonstration activities contributing to the creation of the European Research Area and to innovation¹.

Description of work

Evaluation work includes formulating recommendations on the proposals submitted in order to gear research towards optimum achievement of the aims of the programme in line with any guidelines given by the Commission. You should act impartially, in a totally independent and confidential manner, in your personal capacity and apply to the best of your abilities your professional skills, knowledge and ethics, in accordance with the guidelines and time-schedules provided by the Commission. You should provide the Commission with any information it may request for the management of the evaluation. Evaluation work requires you to complete forms and provide comments on proposals and submit these to the Commission. In addition, you may be asked to act as a rapporteur or chairperson for consensus discussions or meetings of panels of experts.

Evaluation dates

To this end, you will be required to perform the evaluation work at your own home or place of work (remote evaluation) between the dates of 03/10/2005 and 31/12/2006. After completion of the remote evaluation you will be invited to attend the evaluation sessions (central evaluation) at Brussels between the dates of 03/10/2005 and 31/12/2006. An initial



EUROPEAN COMMISSION
RESEARCH DIRECTORATE-GENERAL

Directorate D - European Research Area : the human factor
Marie Curie fellowships

RTD - D2/TB D(2001) D/530295

Brussels, 22 October 2001

Dr. Andrew Morgan
Vice President
Danisco A/S
Langebrogade 1
PO Box 17
1001 Copenhagen K
Denmark

**Subject: Improving the Human Research Potential and the Socio-Economic Knowledge Base Programme
Marie Curie Fellowships
Marie Curie Industry Host Fellowships**

Dear Dr. Morgan,

I would like to invite *Mr. Yu* to a panel meeting for the evaluation of proposals for Marie Curie Industry Host Fellowships, which will take place on:

**7 to 9 November 2001 at 10:00 am
at The Research Proposal Office
Square Frère Orban 8
1000 Brussels**

Please find attached two copies of the contract for his/her participation in the meeting which are required for the reimbursement of travel and subsistence allowance costs. Please sign and return one copy of the contract urgently to us. In the annexes of the contract you will find the reimbursement procedures for expert evaluators. In the attachments, there is also a Brussels hotel list, including special offers, as well as a map with the locations. Please note that while making hotel arrangements, you should make sure that the conditions offered to you correspond to the special offers. Please also note that when making flight arrangements, the expert is obliged by the contract to use economy fare tickets as far as available.

Should you have any questions, please do not hesitate to contact the Commission officer responsible for your panel:

Alan Haigh

Tel.: +32 2 296 57 49, fax: +32 2 296 21 33, e-mail: alan.haigh@cec.eu.int

Georges Bingen
Head of Unit

Enclosures: Contract (two copies)
Annexes
Hotel List

Rue de la Loi 200, B-1049 Bruxelles/Wetstraat 200, B-1049 Brussel - Belgium - Office: SDME 3/34.
Telephone: direct line (+32-2)299.29.54, switchboard 299.11.11. Fax: 296.21.33.
Telex: COMEU B 21877. Telegraphic address: COMEUR Brussels.



EUROPEAN COMMISSION
RTD/T/3

Brussels, 22/05/2007

D/520288

Shukun YU
Principal Sr sct, Project leader
29 Gunnarhejdemansgatan
212 40 Malmoe
Sweden

APPOINTMENT LETTER
CT-EX2002B028923-102

**Subject: FP7-PEOPLE-2007-3-1-IAPP, FP7-PEOPLE-2007-4-3-IRG,
FP7-PEOPLE-2007-5-1-1-NIGHT, FP7-PEOPLE-2007-5-2-AWARDS,
PEOPLE-2007-2-1-IEF, PEOPLE-2007-4-2-IIF, PEOPLE-2007-4-1-IOF,
FP7-PEOPLE-2007-1-1-ITN, FP7-PEOPLE-2007-2-2-ERG**

Dear Dr. YU

Thank you for agreeing to assist the Commission as an independent expert, acting as evaluator, in the evaluation of research proposals in relation to the above call for proposals.

The description of your work as evaluator is specified in Annex I of this *appointment letter*.

Upon your signature this *appointment letter* will constitute an agreement between you and the European Community, represented by the European Commission, to contribute to the evaluation of proposals submitted to the Commission.

The terms and conditions set out in the annexes to this *appointment letter* form an integral part of this *appointment letter*.