



**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](mailto:slarsen@esrf.fr)

Ref: SL/IC/07-08

Monday, March 19<sup>th</sup>, 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.

**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](mailto: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](mailto: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 5<sup>th</sup> 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 5<sup>th</sup> 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 innovation<sup>1</sup>.

#### **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*.**