Dr. Fung’s Album
Learning and Having Fun with Fung!
–Time of Interaction in Science and in Life–
Legend of the Spanish Workshop

In the year 2000 AD, Spanish Knight Josep Yuste of Barcelona galloped to the little city of Manhattan, Kansas, USA on a bicycle and declared that he will be the most hard working research scholar in the Kingdom of Fung, and that he will bring Honor and Glory to the Universe in Scientific discoveries and achievements. And so it came to pass Knight Yuste worked day and night, rain or shine, snow or wind, ice or mud, fog or hail, tornado or flood in this enchanted Land of OZ.

Knight Yuste would come to work at 7:30 a.m. and would not go home until 11:30 p.m. to a room with nothing but a bed, a pile of books and notes, and a kitchen. In the laboratory, he designed experiments after experiments, worked on projects after projects, helped other young Knights and Ladies in their experiments as well. He came up with wonderful ideas in injuring and
killing naughty, nasty, bad, ugly, and deadly *Escherichia coli* O157:H7, *Listeria monocytogenes*, *Salmonella Typhimurium*, *Yersinia enterocolitica*, *Staphylococcus aureus*, etc. using innocent compounds such as charming cinnamon, lovely nisin, and bubbling carbon dioxide in apple juice. Back home in Spain, he actually used a big hammer in the form of high pressure to give these bad bugs some serious headaches.

His research in Spain won the best Ph.D. dissertation that year and he was awarded a NATO Post-Doc fellowship to go anywhere in the world to spend a year of intensive research work. How he ended up in the middle of Kansas was a mystery. But Fung wasted no time on this bright Knight. The first day he entered Fung’s office, Fung jotted down all his expectations of Knight Yuste on a piece of paper. Knight Yuste was so impressed that he kept that piece of paper under his pillow and made sure he follows all the instructions. Five years later, in 2005, when he and Lady Marta came to Manhattan to give a talk, Knight Yuste proudly showed that piece of paper to a few hundred Lords and Ladies from all over the Universe for the 25th year celebration of the world renowned Kansas State University International Workshop on Rapid Methods and Automation in Microbiology organized by Fung since 1981. There was a huge beautiful firework display in Manhattan that night. Some dogs ran away from their homes in a mass confusion. It was indeed a fantastic celebration.

Before Knight Yuste left the Kingdom, he told Fung that there shall be a workshop in Spain very soon to carry the spirit of Manhattan to Barcelona, but on one serious condition – Fung MUST be present in the Spanish Workshop every year, forever. Fung said to young Knight Yuste that no one can guarantee anything forever but he will definitely come as long as he can fly.

So it came to pass in 2002, Lady Marta and Knight Yuste organized the first Spanish Rapid Methods in Food Microbiology Workshop in Barcelona, and indeed King Fung and Queen Catherine flew all the way to the royal city of Barcelona for the first Workshop. Fung was surprised to see about 200 loyal Spanish students and scientists as well as many distinguished guests and scholars from other Lands came to honor the creation of such a program. Among the guests, was the charming Lady Dr. Cécile Lahellec who was a most famous Food Microbiologist in the Kingdom of France, trained in the iconic Pasteur Institute! Indeed, year after year, the Spanish Workshop was successful with ca. 200 people interacted for about a week in the cutting edge of Science and Technology related to Food Microbiology. Fung kept his promise and came every year. In 2006, the Dean of Veterinary College of Universitat Autònoma de Barcelona honored Fung with the title of Distinguished Professor at the University. It indeed moved Fung to tears.

At the end of the workshop in 2007, Lady Marta and Knight Yuste presented Fung with an amazing life-like Mini Dr. Fung Statue (ca. 1.5 foot/0.5 meter tall) created by a famous Spanish artist. It was so real that when
Queen Catherine saw it in USA, she exclaimed “Daniel, it looks so much like you.” Fung said “IT IS ME!!.” Fung proudly placed Mini Dr. Fung in a hexagonal glass case on his office desk, and when visiting scholars asked about the Statue, the old professor would smile, had a sip of coffee, and began.

“Once upon a time, long, long ago in the Land of OZ, there was a Kingdom where the researchers never cease to work, ideas never end, dreams never stop, hope never fades in the quest of the Arts and Science of discovering the Wonders of the Microbial World with the slogan that ‘There was no good or bad microbes, it is how they affect us that we consider them harmful or beneficial.’, and then a Knight from Spain galloped into this enchanted World of Microbiology, and now spreads the lovely story of a New Workshop in the Old Country of Spain linking with the Old Workshop in the New Country of USA, and everybody lives happily ever after in the Camelot of Food Microbiology. . . .”

August 15, 2008
Daniel Y. C. Fung, MSPH, Ph.D.
Professor of Food Science and Professor of Animal Sciences and Industry
Kansas State University, Manhattan, Kansas, USA
Distinguished Professor, Universitat Autònoma de Barcelona, Spain
1. **Vita**

2. **Immigration** -> International Cafe, Ginny
   - KSU Scholar
   - Library Card
   - Kepp Cell Hall, Lab 500
   - Dermatology -> Heyman Hall 605
   - 3 weeks -> Ginny
   - $4 - Banquet

3. **Reading**

4. **Workshop**
   - Binder
   - Bath Pens
   - 50 top writers

5. **Research**
   - Summer Research
   - Jul 14-5
   - Jul 16-20 THINK
   - propose a topic or 2 topics

6. **Top Sen - Ray h = 0.9
   - Train
   - Fix
   - Repeat

(PA Public) 1-2-3-4-5-6-7-8-9-10
Dear Joseph,

You did fantastically well.

Prof. Dr. Daniel F.C. Fung, Ph.D.

Feb. 15, 2001
Kan Sek

Joseph:

You really OUT-DOED yourself in my Lab and in Barcelona!! Be happy. Lucky and successful. Good 2002.
March 25, 2002

Dear Josep:

Thank you for the invitation to present a food fermentation or rapid methods and automation in Microbiology conference at your university. I realized that today is the deadline for the application. I just came home from a trip about 24 hours ago. I hope it is not too late.

Our school semester starts from August 26 to December 20, 2002. I do not think teaching a course during Christmas time is a good idea. The only convenient time is from November 20 to December 1 during our Thanksgiving break. That will give us a little more than one week for the project. I can start my trip on November 19 and arrive at your university on November 20 and can start teaching on 21 (Thursday). I can start flying home on December 1 (Sunday) and arrive Manhattan, KS the same day.

I will answer your questions sequentially:

Questions (1) and (2). Answered below:

Proposed Program:

A. Rapid Methods and Automation in Microbiology Conference
Two lectures in the morning and one lecture and one discussion session in the afternoon.

My workshop handbook will be the text. No laboratory work.

November 21    Introduction to rapid methods and automation
Miniaturred microbiology methods and
Rapid viable cell count procedures
Immunological methods
Instrumentation in microbiology

November 22    Innovative methods in microbiology
Genetic methods
PCR, Ribotyping, Biosensors, Proteomics
World market trends
Conclusion

B. Food Fermentation

Two lectures in the morning. One lectures and one discussion session in the afternoon

I will use my Food Fermentation Book as the text book

November 25 to 29 (Monday to Friday)
Lectures to cover the follow subjects:
Introduction to Food Fermentation
Yeast and molds important to Food Fermentation
Taxonomy and Identification
Bacteria important to Food Fermentation
Biochemistry of Food Fermentation
Regulation and selection of Microbes
Theory and Kinetics of Fermentation
Alcoholic Fermentation
Beer, Wine, Distilled liquor
Vinegar
Meat fermentation
Starter culture technology
Fermentation of Dairy Foods
Pickling
Mold modified foods
Bread Fermentation
Safety of Fermented Foods

(3) Birthday: May 15, 1942
Passport Number: USA 156045276 (Expiration date: April 15, 2007)

(4) Ca. US$2,500 for travel from Manhattan, KS to Barcelona. The exact amount will be known when I buy the tickets. Of course I will pay for Catherine's tickets.
Question: Is the US$450/week for food and salary? How expensive is food in Spain? I know we can stay in your colleague's house. How many students do you think you will have? The two books are very heavy and expensive to produce. Just producing and mailing the books to you will cost me several hundred dollars!! You need to issue a check to Kansas State University to cover the books and mailing costs. Each book costs US$25.00. So you need to charge each student US$60.00 to cover the two books and mailing cost.

(5) I will fax you a copy of my most recent vita tomorrow (March 26, 2002) I will also list five most relevant research contributions in the past five years.

(6) Teaching records in the past five years
2002 Spring -- Food Fermentation ASI 811
2002 Summer -- Rapid Methods ASI 713
2002 Fall -- Food Microbiology ASI 607
2002 Fall -- Food Science Seminar ASI 890/990
2001 Spring -- Food Fermentation ASI 811
2001 Spring -- Food Toxicology ASI 915
2001 Summer -- Rapid Methods ASI 713
2001 Fall -- Food Microbiology ASI 607
2001 Fall -- Food Science Seminar ASI 890/990
2000 Spring -- Food Fermentation ASI 811
2000 Summer -- Rapid Methods ASI 713
2000 Fall -- Food Microbiology ASI 607
2000 Fall -- Food Science Seminar ASI 890/990
1999 Spring -- Food Fermentation ASI 811
1999 Spring -- Food Toxicology ASI 915
1999 Summer -- Rapid Methods ASI 713
1999 Fall -- Food Microbiology ASI 607
1999 Fall -- Food Science Seminar ASI 890/990
1998 Spring -- Food Fermentation ASI 811
1998 Summer -- Rapid Methods ASI 713
1998 Fall -- Food Microbiology ASI 607
1998 Fall -- Food Science Seminar ASI 890/990

(7) I will fax you the publication list of the last 5 years

(8) I will give you all the information of the passport
I do not fax copy of the passport for security reasons.
Passport number: 156045276
Name: Fung, Daniel Yee-Chak
Date of birth: 15 May 1942
Date of issue of passport: 16 April 1997
Date of expiration: 15 April 2007
Authority: USA Passport Agency National Passport Center
I hope the information is acceptable

I hope with all the faxes in your hands you can send in the application to your university. Again I apologize for the delay. I have been simply out of town and out of country a lot recently and your information came at the moment I was about to go to a trip!!

Best wishes.
On 13 Mar 2002, at 22:16, Josep Yuste Puigvert wrote:

Dr Fung,

Again, we have an opportunity for you to come here to teach (food fermentation classes, rapid methods and automation conferences) My university gives money to foreign professors, to do teaching and/or research. They pay the trip (not business class) and 450 $/week. Remember that you could stay at my colleague’s home.

I need the following:

1) You have to choose the dates: from October to December 2002 (preferably from mid November to the end of December). Give me several options, if possible. 2) You have to choose for how long you would like to stay in Barcelona: 1 week minimum, 8 weeks maximum. 3) Your birthday and passport number. 4) The approximate price of the trip. 5) A brief professional dossier of you (updated), EMPHASIZING your five most relevant research contributions in the past five years. 6) Teaching records in the past five years (updated). 7) Scientific publications in the past five years (updated). 8) A copy of you passport (by fax).

Tell me if you could come to Spain during those dates and if all these conditions and requirements are OK for you. We (my colleagues and me) are excited again with the idea to have Catherine and you here, at my university, with us. Please, think about the offer. Sincerely.

Josep

Dr. Daniel Y.C. Fung, Ph.D.
Professor of Food Science
Fellow of ASM, IFT, and IAFoST
225 Call Hall
Department Animal Sciences and Industry
Kansas State University
Manhattan, KS U.S.A. 66506
Phone: 785-532-5654
Fax: 785-532-5681
email: dfung@oznet.ksu.edu
I workshop MRAMA
—November 2002—
I WORKSHOP
MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Impartido por
Dr. Daniel Y. C. Fung

27, 28 y 29 de Noviembre de 2002

Organizado por
Dr. Josep Yuste Puigvert
Dr. Marta Capellas Puig

Centre Especial de Recerca Planta de Tecnologia dels Aliments (CeRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària,
Universitat Autònoma de Barcelona,
Bellaterra (Cerdanyola del Vallès), Barcelona
II workshop MRAMA
—November 2003—
II WORKSHOP
MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Prof. Dr. Daniel Y. C. Fung

26, 27 y 28 de noviembre de 2003
(con sesiones prácticas los días 24 y 25)

Organizado por

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Centre Especial de Recerca Planta de Tecnologia dels Aliments (CeRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona
III workshop MRAMA
–November 2004–
III WORKSHOP

MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Prof. Dr. Daniel Y. C. Fung

24, 25 y 26 de noviembre de 2004 (con sesiones prácticas los días 22 y 23)

Organizado por

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Centre Especial de Recerca Planta de Tecnologia dels Aliments (CeRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona

I am pleased to appoint

both you & your

Qu arte Ce n tury Fello w
at the 5 0th Ce lebra ti on of the R a i son St ate Usi ng
Worksh op i n J une 2005 - J anu ary 2 0 04

Another success.
IV workshop MRAMA
—November 2005—
IV WORKSHOP

MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung

23, 24 y 25 de noviembre de 2005
(con sesiones prácticas los días 21 y 22)

Organizado por

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Centre Especial de Recerca Planta de Tecnologia dels Aliments (CeRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona
dear haip, saharta.

it is such a joy to be in your
successful workshop again. everything
is wonderful. the science is great, the demonstration
are fantastic and the social event are delightful. princess hotel —

you will have their birthday for at least 25 years!

jornel-calles

nov 25, 2005

dear marina and josep,

it was such a pleasure to we

participate in the 4th workshop
you organised so well! — congratulations!
your meeting was really very successful
and, i am sure, will help a lot of
microbiologists —

thank you so much for your
so nice invitation and for the nice
moments we spent together. i consider to
be a privilege — with my very best regards,

wishing you all the best for the

forum

ccc
V workshop MRAMA
–November 2006–
Oxyrase Research at Kansas State University

Dr. Daniel Y.C. Fung
V WORKSHOP

MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung
(Kansas State University, Manhattan, Kansas, EUA)

21 a 24 de noviembre de 2006
(con sesiones prácticas los días 23 y 24)

Directores

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Organizado por

Centre Especial de Recerca Planta de Tecnologia dels Aliments (CeRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona
Dear Josep and Marta,

Words cannot express my admiration and appreciation of the work you both have done for the 5 Spanish workshops. It is the BEST!!! Catherine and I only appreciate the hospitality in your guest - this workshop. May you have at least 25 more workshops in Barcelona and we will come to as many as possible always.

Thank you very much.

[Signature]

[Date] Nov 24 2006

Dear Marta and Josep,

It was so nice to spend those days with you and all participants of the workshop—ALL my congratulations for the organisation of this 5th meeting—and for all improvements. I am sure your workshop will be successful during many, many years—

And thank you so much for your kindness, your attentions, and everything I will never forget—It is now a long story of friendship—

Thank you! GRACIAS! Hasta

[Signature]
VI workshop MRAMA
—November 2007—
VI workshop
MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Universitat Autònoma de Barcelona
Facultat de Veterinària
Bellaterra (Cerdanyola del Vallès), 20-23 noviembre 2007
VI WORKSHOP
MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung
(Kansas State University, Manhattan, Kansas, EUA)

Bellaterra (Cerdanyola del Vallès),
20 a 23 de noviembre de 2007

Directores

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Organizado por

Centre Especial de Recerca Planta de Tecnologia
dels Aliments (XaRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona
Dear José and Martha,

Another year of joyful interaction in Rapid Methods and Automation in Food Microbiology. It has been a great 2007 workshop because of many new and exciting activities you have introduced to the program.

I know I did my creative part in VI workshop and I enjoyed every minute of the workshop. It was good that you all met Catherine and interacted with her as well. I would be pleased to nominate you both for some awards - Spain or internationally in the near future.

Keep up the great workshop in Barcelona for at least another 25 years. I and Catherine will come every year eating as you run the workshop!!

It is always a bit sad to say "goodbye." God bless you! I am a Sydnee. Thank you.

Jane and Catherine

U.S.A. Thanksgiving Day 2007
VII workshop MRAMA
–November 2008–
There must be a better way to do microbiology.
VII WORKSHOP
MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung
(Kansas State University, Manhattan, Kansas, EUA)

Bellaterra (Cerdanyola del Vallès)
25 a 28 de noviembre de 2008

Directores

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Organizado por

Centre Especial de Recerca Planta de Tecnologia dels Aliments (XaRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona

Universitat Autònoma de Barcelona
To dear friends and colleagues,

Seven years is a long time to run a successful workshop!! You both are fantastic.

Catherine and I truly enjoyed our trips to the lovely City of Barcelona and are very happy to see your success. Yes, we will be back forever as long as we can fly.

Rest a little after the magic XII^t. We will be back for XIII^t and many, many more.

Catherine & Janice

June 27, 2008

It was so nice of you to invite me once more this year! Thank you so much — I am very happy to see how you improve your workshop each year.

Thank you for your kindness, for the beautiful yellow gifts — and for everything.

With all my friendship,

(Cecil)
VIII workshop MRAMA
—November 2009—
VIII WORKSHOP
MÉTODOS RÁPIDOS
Y AUTOMATIZACIÓN
EN MICROBIOLOGÍA
ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung
(Kansas State University, Manhattan, Kansas, EUA)

Bellaterra (Cerdanyola del Vallès)
24 a 27 de noviembre de 2009

Directores

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Organizado por

Centre Especial de Recerca Planta de Tecnologia
dels Aliments (XaRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona

Universitat Autònoma de Barcelona
All my congratulations for organizing such a wonderful workshop.

And thank you so much for giving me the opportunity to participate in and to spend such a nice time among you all.

Thank you for all your efforts for this unexpected and wonderful gift! Be sure I can't forget anything – with my best wishes in all your enterprises.

Carroll

Dear Judy and Mark,

What a joy to be here for the 8th time. Your workshop is getting better every time, and is a major contribution to Applied Food Microbiology to space and the rest of the world. Charge on for many workshops to come.

Jane and Colleen

June 25, 2009
IX workshop MRAMA
–November 2010–
IX WORKSHOP

MÉTODOS RÁPIDOS Y AUTOMATIZACIÓN EN MICROBIOLOGÍA ALIMENTARIA

Ponente principal

Profesor Dr. Daniel Y. C. Fung
(Kansas State University, Manhattan, Kansas, EUA)

Bellaterra (Cerdanyola del Vallès)
23 a 26 de noviembre de 2010

Directores

Dra. Marta Capellas Puig
Dr. Josep Yuste Puigvert

Organizado por

Centre Especial de Recerca Planta de Tecnologia dels Aliments (XaRTA, XIT)
Departament de Ciència animal i dels aliments
Facultat de Veterinària, Universitat Autònoma de Barcelona

Universitat Autònoma de Barcelona
Dear Marta and Josef

Thank you once again for inviting me, Catherine, and Cecile to this most wonderful and lovely program. You and your staff members did a great job preparing for this AK Workshop and everything is working perfectly. I am sure you will keep going to at least the XXX Workshop!

You two are fantastic friends—forever.

Jamie, Catherine and Cecile

November 23, 2010