

THIRD ANNOUNCEMENT - December, 2011

AAB 2012

3rd International Conference on
Acetic Acid Bacteria
Vinegar and other products

AAB 2012



Córdoba, SPAIN
17-20 April, 2012



University of Córdoba

17-20 April, 2012. Córdoba, SPAIN

<http://www.uco.es/aab2012/>

PRESENTATION

Dear Colleagues,

The use of acetic acid bacteria (AAB) in foods, beverages and some industrial chemicals production as well as their potential for many new applications make them very important not only for modern industrial societies but for many ones in the developing world. Additionally, their special type of metabolism and the difficulties for unravelling their basic scientific aspects have become a challenge for many researchers throughout the world.

In 2005, Prof. Paolo Giudici chaired the "Vinegar and Acetic Bacteria. International Symposium" first meeting devoted to acetic acid bacteria with special interest in vinegar, traditionally, their most important product. Subsequently, in 2008, Prof. Kazunobu Matsushita had the responsibility of organizing the "Second International Conference on Acetic Acid Bacteria". Parallel specific conferences on vinegar research, fostered by The Vinegar Research Network ("Primeras Jornadas de I+d+I en la Elaboración de Vinagres de Vino" and "Second Symposium on Research+Development+Innovation for Vinegar Production") were held in Spain during 2003 and 2006 chaired by Prof. Albert Mas and Prof. Isidoro García in Tarragona and Cordoba respectively.

The upcoming meeting: "**Third International Conference on Acetic Acid Bacteria. Vinegar and Other products**", will be held in Cordoba, Spain, during April 17-20, 2012. As responsible of this meeting as well as of the Network which promoted the aforementioned specific vinegar symposia, I suggest, for many reasons, from now on to combine both scientific conferences. So, the main objective of this Conference is to provide scientists, engineers, companies and any others interested in a platform for presenting latest research results, interchange and discussion of ideas, to establish new contacts and collaborations and exploring the development of new processes based on the capabilities of these bacteria.

The Organizing and Scientific Committees have tried to prepare a scientific program in order to organize and make easier the presentation of the main state-of-the-art scientific achievements regarding these microorganisms. The Conference will address the full spectrum of basic and applied research topics, including current trends and future applications.

The Conference will be organized as the previous ones offering sessions for standard contributions, both oral and posters. The sessions should enable the delegates to attend also the presentations which are close to their speciality but outside their everyday interest.

The official conference language will be English, no simultaneous translation will be available to any other language.

Please, follow in the site (<http://www.uco.es/aab2012/>) many other details about our Conference and do not hesitate in contact us regarding any issue you consider important.

Finally, we are very pleased to invite you to join us in Cordoba at the spring of 2012 and participate in the "**Third International Conference on Acetic Acid Bacteria. Vinegar and other products**". We believe firmly that it will be a fruitful experience from many points of view and keep you in a very active and multidisciplinary field.

We look forward to seeing you in Cordoba in April of 2012.

Isidoro García García. Chairman

COMMITTEES

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Sr. Rector Mgfco. University of Córdoba, Spain.

Ana Maria Troncoso González

Executive Manager of The Spanish Food Safety and Nutrition Agency

Francisco Javier de las Nieves López

President of The Institute for Fishing and Agrarian Research and Training, Spain.

Conference Chair

Isidoro García-García

University of Córdoba, Spain

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University of Córdoba, Spain

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Conference Secretariat. University of Córdoba, Spain

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National Centre of Food Technology and Safety, Spain

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The University of Manchester, UK

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Institute of Agrochemistry and Food Technology, Spain

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National University of Tucumán, Argentina

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University of Bonn, Germany

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SCIENTIFIC PROGRAMME

SESSION I. Why do we care about Acetic Acid bacteria?

History. Traditional vinegar. Food and Health.

SESSION II. What are they?

Taxonomy and Phylogenesis.

Ecological aspects (natural occurrence of AAB; Biodiversity).

SESSION III. How do they work?

Session III.A

Genetics and Molecular Biology.

Session III.B

Biochemistry and Physiology.

SESSION IV. What can we do with them?

Biotechnological applications. Bioengineering aspects.

New products.

SESSION V. How do we know what they are up to?

Measurement techniques. Biosensors.

Quality control. Other aspects.

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CONFERENCE PROGRAMME

Tentative Programme:

| | Tuesday, 17 | Wednesday, 18 | Thursday, 19 | Friday, 20 |
|---------------|--|---|---------------------------------------|---|
| 9.00 - 9.30 | 9.00 - 11.30 Registration Affixing posters | 9.00 - 11.00 Session I | 9.00 - 11.00 Session III.A | 9.00 - 11.00 Session V |
| 9.30 - 10.00 | | | | |
| 10.00 - 10.30 | | | | |
| 10.30 - 11.00 | | | | |
| 11.00 - 11.30 | | Coffee break | Coffee break | Coffee break |
| 11.30 - 12.00 | 11.30 - 13.30 Opening session | 11.30 - 13.30 Session II | 11.30 - 13.30 Session III.B | 11.30 - 12.30 Round-table talks |
| 12.00 - 12.30 | | | | |
| 12.30 - 13.00 | | | | |
| 13.00 - 13.30 | | | | |
| 13.30 - 14.00 | 13.30 - 15.30 Welcome Reception | Lunch | Lunch | 12.30 - 14.00 Closing session |
| 14.00 - 14.30 | | | | |
| 14.30 - 15.00 | | | | |
| 15.00 - 15.30 | | | | |
| 15.30 - 16.00 | 15.30 - 16.30 Meeting of Scientific Committee | 15.30 - 17.30 Session II | 15.30 - 18.00 Session IV | |
| 16.00 - 16.30 | | | | |
| 16.30 - 17.00 | | | | |
| 17.00 - 17.30 | | | | |
| 17.30 - 18.00 | | 17.30 - 19.00 Poster Session | | |
| 18.00 - 18.30 | | | | |
| 18.30 - 19.00 | | | | |
| 19.00 - 19.30 | | | | |
| 19.30 - 20.00 | 18.00 - 20.00 Visit: -Cathedral (old Mosque) - Historical quarter | | | |
| 20.00 - 20.30 | | | | |
| 20.30 - 21.00 | | | | |
| 21.00 - | | | | |
| | | 20.30 - Reception by Cordoba Town Hall at Castle of the Christian Monarchs | 21.00 - Conference Dinner | |

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SPEAKERS. Opening, closing and key notes

| | |
|--|---|
| Opening talk | Professor Ana M^a Troncoso González. Executive Director, Spanish Food Safety and Nutrition Agency, Spain. |
| Session I | Controlled designation of origin: limits and opportunities for vinegars. Professor Paolo Giudici. Department of Agricultural and Food Sciences, University of Modena and Reggio Emilia, Italy. |
| Session II (Taxonomy and Phylogenesis) | Taxonomy of acetic acid bacteria and molecular techniques suitable for their identification at the species level. Dr. Ilse Cleenwerck. BCCM/LMG, Bacteria Collection, University of Gent, Belgium. |
| Session II (Ecological aspects) | Ecology of acetic acid bacteria and their role as plant growth-promoters. Dr. Raúl O. Pedraza. Faculty of Agronomy and Zootechnics, National University of Tucumán, Argentina. |
| Session III.A | Molecular biology approaches to acetic acid bacteria population studies. Professor Albert Mas. Department of Biochemistry and Biotechnology, Rovira i Virgili University, Spain. |
| Session III.B | <i>Gluconobacter oxydans</i>: biochemistry meets biotransformation. Professor Uwe Deppenmeier. Institute of Microbiology and Biotechnology, University of Bonn, Germany. |
| Session IV | Applications, technologies and scale up criteria of fermentation processes with acetic acid bacteria. Dr Frank Emde. Managing Director, Heinrich Frings GmbH & Co. KG, Bonn, Germany. |
| Session V | Chemical characterization and health claims of AAB fermented products. Professor M^a Carmen García Parrilla. Department of Nutrition and Food Science, University of Sevilla, Spain. |
| Closing talk | Adaptive evolution and adaptive breeding of acetic acid bacteria, and its future prospect for AAB research and development. Professor Kazunobu Matsushita. Faculty of Agriculture, Yamaguchi University, Japan. |

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IMPORTANT DATES

January 2012

| Sun | Mon | Tue | Wed | Thu | Fri | Sat | Notes: |
|-----|-----|-----|-----|-----|-----|-----|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | January 15: Deadline for abstracts submission |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | January 31: |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | Communication of accepted abstracts |
| 29 | 30 | 31 | | | | | |

February 2012

| Sun | Mon | Tue | Wed | Thu | Fri | Sat | Notes: |
|-----|-----|-----|-----|-----|-----|-----|---|
| | | | 1 | 2 | 3 | 4 | |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 | February 15: Deadline for early registration. |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 | For abstracts to be included in the Abstracts Book, presenting authors must register before February 29. |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 | |
| 26 | 27 | 28 | 29 | | | | |

March 2012

| Sun | Mon | Tue | Wed | Thu | Fri | Sat | Notes: |
|-----|-----|-----|-----|-----|-----|-----|--|
| | | | | 1 | 2 | 3 | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 | March 15: Deadline for normal registration. |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | March 16: Starts late registration period. |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | |

April 2012

| Sun | Mon | Tue | Wed | Thu | Fri | Sat | Notes: |
|-----|-----|-----|-----|-----|-----|-----|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | Third International Conference on Acetic Acid Bacteria. Vinegar and other Products |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | |
| 29 | 30 | | | | | | |

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REGISTRATION

| | |
|-------------------------|----------------------------------|
| Early Bird Registration | Up to February 15 |
| Normal Registration | Between February 16 and March 15 |
| Late Registration | After March 15 |

STANDAR REGISTRATION FEES (euros,€)

| | |
|-------------------------|-----|
| Early Bird Registration | 400 |
| Normal Registration | 475 |
| Late Registration | 600 |

STUDENT REGISTRATION FEES (euros,€)

| | |
|-------------------------|-----|
| Early Bird Registration | 200 |
| Normal Registration | 275 |
| Late Registration | 375 |

For additional information regarding registration, please, visit the website.

CONTRIBUTIONS

All the accepted communications will be published both in digital on-line format and in a book of Conference abstracts.

In a later stage after the meeting, authors may submit full papers from the Conference communications in order to publish a special issue of the journal **Acetic Acid Bacteria** (a new journal of PAGEPress® <http://www.pagepress.org/>). The journal is an Open Access Publication.

Special thanks are due to PAGEPress® as well as to Maria Gullo, Editor in Chief of Acetic Acid Bacteria, for offering the journal as a platform for publishing all the abstracts at no cost at all. Nevertheless, the special issue with full papers will comply with the general PAGEPress® policy (copyright, publication fees, etc.).



For additional information about **SUBMISSION GUIDELINES**, please visit the website.

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VENUE

The Main University building provides a wide range of facilities and services for an event like this one. So, it is an ideal place to hold the Conference venue.

It is conveniently situated, close to the historical quarter, the centre of the city and several excellent hotels.



Address:

Avd. Medina Azahara, 5
14071 Córdoba
Latitude: +37.884856°
Longitude: -4.788516°

Please, see the location in the map.

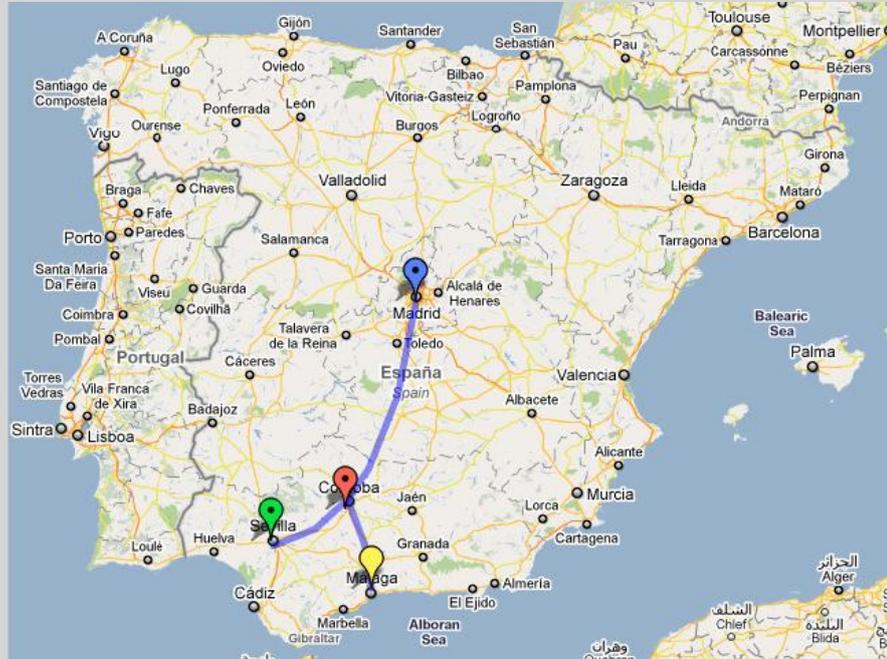
In your web browser: <http://goo.gl/maps/BciV>

-  **University Main Building**
-  **Railway Station**
-  **Coach Station**
-  **City Centre**
-  **Cathedral Mosque**



GETTING THERE

Unfortunately regular flights are not available in the Cordoba airport. Nevertheless, airports such as those Malaga, Madrid and Sevilla are not far away.



By train (high-speed train):

From Malaga: AVE or AVANT. Travel Time: 1 hour
From Madrid: AVE. Travel time: 1 hour 40 minutes
From Seville: AVE or AVANT. Travel time: 45 minutes

By car (highways):

From Malaga: A-45. 160 kilometres. Travel time: 2 hours
From Madrid: N-IV. 348 kilometres. Travel time: 3 ½ hours
From Seville: N-IV. 140 kilometres. Travel time: 1 hour 15 minutes

By coach:

Several companies operate trips to Córdoba:

From Madrid:
Socibus Sercobus
<http://www.socibus.es/index.jsp>
Phone: (+34) 902 22 92 92
Email: socibus@socibus.es

From Málaga or Sevilla:
Alsa
<http://www.alsa.es/portal/site/Alsa/>
Customer Service: (+34) 91 327 05 40 (8:00 h - 24:00 h)

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CÓRDOBA–WORLD HERITAGE (Unesco, 1984)

One of the most attractive places to visit in Spain.



TO DISCOVER CORDOBA, please visit the site:
<http://english.turismodecordoba.org>

<http://www.uco.es/aab2012/>

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SPONSORSHIP

Be part of the 3rd International Conference on Acetic Acid Bacteria. Vinegar and other products.

The AAB2012 provides an opportunity for many companies and institutions to gain exposure to new potential markets and/or having their brand name and logo seen by many key individuals. Take advantage of this opportunity: contact the Organization.

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Please, keep on visiting the website, new information is now added frequently.

LESS THAN FOUR MONTHS TO GO. WE HOPE TO SEE YOU VERY SOON!

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Please

Feel free to forward this announcement to anyone who you consider could be interested in attending AAB 2012.

If you no longer wish to be in our emailing list, please send an email to aab2012@uco.es