

International Aerobiology NEWSLETTER

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AEROBIOLOGIA

Several events that came to pass this year have probably big influence on the further development of aerobiology. Our official journal AEROBIOLOGIA made a big step forward, as it has been included in the ISI Web of Knowledge Journal Citation Reports with an initial impact factor of 0.944!

“8. Europäisches Pollenflugsymposium” and 4th ICA

There were two international Symposia held, one in Germany at the end of March in Bad Lippspringe, where also the 25th anniversary of the German Pollen Information Service was celebrated, the other in August in Turku, Finland, perfectly organized by the Finnish Aerobiology Group. In both cases, it became evident that new techniques in various fields are emerging, giving aerobiology new directions and perspective. There is no longer a focus on allergy alone. We experience big progress in modeling, automated air analysis, molecular approach such as genetics (gene flow), allergen quantification and detection with high-tech equipments, new samplers, increased aerobiological consultancy in forensics, and a closer contact to phenology.

Ragweed in North America and Europe

Research on Ambrosia has become a permanent feature since the first Ambrosia-workshop 1998 at the 6th ICA in Perugia. In this respect, the progressive close co-operation between colleagues from the US (Annalisa Ariatti and Scott Isard) and Europe shall be mentioned.

Launching a European Society for Aerobiology (EAS)

A European society for aerobiology has been founded, which shall take care of the organization of the periodical European Symposia and the Basic Courses on Aerobiology, and in particular of training and education. We are urgently searching for a logo for this society EAS – Dorota Myszkowska has already taken a pencil and sent a suggestion – see picture to the right - thank you, Dorota! Nevertheless, if you should



have an idea it will be highly appreciated receiving further drawings or computer graphs. Please send drafts or propositions to Michel Thibaudon michel.thibaudon@wanadoo.fr

South America vigilant

Preparing the next ICA in Buenos Aires, the South American Groups become more and more active – it's simply fine seeing aerobiology comes closer to a more global view.

From COST to PROMOTE to Kopernikus ?

In Europe, the COST action (see last newsletter) which shall prepare multidisciplinary approach to the problem of forecasting hourly pollen concentrations all over Europe, is in continuation. Gaps of knowledge have been defined; strategies to overcome temporarily missing information are in preparation. As a follow-up, the COST Action has emerged to an ESA project PROMOTE, PROtocol MOniToring for the GMES Service Element. This is a large EC-Downstream service project named “Kopernikus” (formerly GMES - Global Monitoring for Environment and Security). Contact person for all these activities is Mikhail Sofiev mikhail.sofiev@fmi.fi

Allergen measurements in the ambient air - from MONALISA to HIALINE

Quantification of airborne allergens was not extremely successful in the MONALISA project. A new approach is now coming up with hopefully better antibodies and new instrumentation under the EC project with the acronym HIALINE “Health Impacts of Airborne Allergen Information Network”. Kick-off meeting will be in early spring 2009, start of collecting samples will be 15th of March 2009. Contact person is Jeroen Buters buters@lrz.tu-muenchen.de The main goal is to compare relationship between pollen and allergen content of the ambient air and detect annual changes and their impact on human health in both of them.

Monitoring and controlling Ragweed in the Alpine zone

A proposal for ragweed control in the Alpine environment has been elaborated by aerobiologists, meteorologists and clinicians from France, Germany, Austria, Slovenia, Italy and Switzerland. Its name Chiama² is an acronym for “Contributing to Health Improvement over the Alpine zone by Modelling and reporting Ambrosia Allergy risk”. Contact person is Dominique Davrinche dominique.davrinche@meteo.fr

Determination of threshold levels

A patient's hayfever diary has been developed which will be available in the web with 1st of January 2009. It combines patient's symptoms and local pollen counts. For the patient and his allergist, it shall be a help for diagnosis and monitoring therapeutic effects, for aerobiology it shall help determining regional thresholds for various pollen and spore types. The program is part of the COST ES603 action. Contact person is Uwe Berger berger@vienna.at On <http://phd.polleninfo.org/en> is already a test version in English. Those who want to use it for their own country and get access to the data should contact Uwe Berger for information about translation options.

Siegfried Jäger

International Aerobiology NEWSLETTER

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editorial

ADDENDUM to IAA newsletter #66

Dear IAA members,

I suppose you were expecting as usual the President's letter in the recently mailed newsletter edition.

As a result of several misconceptions, it got lost, for what reason ever. Now that Christine has received the latest newsletter release, she reminded me by sending a copy of her President's letter which was definitely dated already by July 2008. I'm mortified and will take this opportunity to publish it in form of a supplement to the newsletter #66. I really hope you will apologize this faux pas – Christine has accepted my apology - and am confident we will come together again in future in a way like the picture below shows! (I believe it was taken by Giuseppe Frenguelli)



Moreover, another addition is due: trying to keep the size of volume 66 within the frame of 8 pages, I could not find place for announcing the XII AIA Congress. My failure with Christine's letter gives an opportunity to amend the latter. The congress is earmarked for meetings of the EC of EAS and COST Action 603.

This supplementum will be added to the download version at www.polleninfo.org and also in the paper version which goes into print this week.

Siegfried Jäger
Newsletter editor

letter from the President

Impact!

In the aerobiological sphere, we study the impact of airborne transport of biological particles on survival, reproduction, and species distribution, and the impact of these particles on other organisms. Likewise, in academia and industry the productivity and impact of our activities is weighed and measured individually, as is our contribution to the broader scientific society. Sound scientific papers are read and cited frequently, and improve the reputation of the author, the journal in which the article is published, and the discipline on which the science is based. One measure of this impact is related to the assessment of journal "impact factors" derived by Thompson Scientific's ISI journal ranking. Journals with high impact factors logically attract further articles of good scientific quality and high impact. But how do we, as a scientific community, begin the upward spiral that will bring recognition to our work, our journals, and our discipline? By maintaining and improving the quality of our work and looking for avenues to bring attention to the importance of what we do. Well, I am pleased to relay we have recently made significant progress in this direction because *Aerobiologia* has been evaluated for, recognized as worthy of, and has received an impact factor in the ISI ranking of journals in 2008 of 0.944!

This is very good news and an outstanding initial ranking. It is, in a very tangible way, a sign of the maturing of our discipline, and recognition of our previous work. But we must continue this upward direction and add vigor to our journal by submitting our highest quality papers right now. These contributions will help the journal to strengthen its impact factor rapidly and will draw attention to the journal for further important contributions. As you write articles in the coming year, cite other papers that have been published in *Aerobiologia*. Most importantly, write and submit a review paper. These typically get the highest number of citations and hence have a strong influence on the impact factor. Once published, send reprints of the review to other investigators in the field who might not have seen it. If they cite your article, it also improves the impact factor for *Aerobiologia*. With a concentrated effort now, I know we will reap the benefits for years to come.

We would never have made it to this day without the tireless efforts of the editors-in-chief, Paolo Mandrioli and Carmen Galan, and their staff. Their dedication to this endeavor has been astonishing and I would like to thank them all on behalf of the entire Aerobiological community for the enormous number of hours they have devoted to promoting our work. The greatest gift we could give in return would be to submit our papers to the journal and give them more work. Seriously.

This is not a rallying cry with an unrealistic or unattainable goal. This is an opportunity to focus our impact in the scientific world in a real and measured way. It is also not difficult to imagine an aerobiology journal with a very strong impact factor given the important issues we deal with in our work, from invasive species, impacts of global warming, aerobioterrorism, the possibility of pandemic influenza, the growing allergic and asthmatic population, among many others. The time is right to seize the opportunity for further expansion of "impact" in the broader scientific community.

Another way in which we can lift the profile of aerobiology is through the continuous updating of publicly accessible databases. General databases such as Wikipedia have very rudimentary descriptions of aerobiology and its importance as a discipline. Wikipedia gets an enormous number of viewing hits each year and we will do ourselves a service to make sure the pages related to aerobiology are flush with information. This work needs to be done in multiple languages, so there is much that each of you can contribute to this endeavor. I ask all aerobiologists, particularly the younger and/or more tech savvy, to think about how they might contribute and to begin to edit these pages. In addition, there are scientific databases that could use some additional information related to aerobiology. For example, the Encyclopedia of Life was launched last year and aims to catalogue every organism on the planet (www.eol.org/). We can provide important information on the organisms (or their propagules) that can be found in air, their location, concentration, and for how long etc. Other examples include the Encyclopedia of the Earth (www.eoearth.org/) and the Tree of Life project (www.tolweb.org/tree/).

In summary, there is much to be heralded in the field of aerobiology and we should be proactive in disseminating information to all public and scientific communities. The recognition of the journal *Aerobiologia* with an impressive initial impact factor is not just a beacon of hope for aerobiology, but a great and shining star. With this kind of lift, I know we can fly and reach great heights! Onward and upward!

Christine Rogers
President IAA

Reports about regional meetings and events

Argentina



III Argentine Meeting of Aerobiology

During the days 13 and August 14, 2008, the III Argentine Meeting of Aerobiology was held, in the Argentine Museum of Natural Sciences Bernardino Rivadavia, in the city of Buenos Aires. With the participation of investigators of the private and state sector. Throughout the presentation of the different lines of work we analyzed the advance of this discipline (Aerobiology), methodological and theoretical aspects as well the the possibility of expansion to different fields of application. In this meeting we include the presence of new investigators of Argentina and Brazil, which were integrated to the group and taken into account for future works in a framework of international cooperation.

The main themes developed in the meeting were:

• Advancing in the institutionalization of the Argentine Group of Aerobiología. The organization will permit to establish links with other associations and to establish covenants of cooperation to diffuse and to promote the growth of the Aerobiology.

• Related to the previous point, the possibility to establish a contact with the Association Argentina of Allergy and Clinical Immunology (AAAeIC) for which was decided to call to a meeting between representatives of the group and the authorities of the AAAeIC.

• Concerning the organization of the IV Meeting, the support of the Organizing Commission of the XIV Argentine Symposium counts on itself of Paleobotany and Palynology, to carry out inside the framework of the same one in the 2009. For the moment, the place of meeting needs to be confirmed.

• It agreed besides, to propose to the Organizing Commission, the execution of a round table of discussion of binding themes between the Aerobiology and other branches of the Palynology.

• In the referring thing to future meetings, remains as main point of discussion of this meeting the standardization of methodologies for the recount of hourly samples.

August 14, 2008, Buenos Aires, Argentina

Dr. Claudio F. Pérez, DCAO-FCEN-UBA, CONICET
Dra. Daniela S. Nitiu, FCNYM. UNLP., CONICET
Lic. Andrea C. Mallo CIC. PBA. FCNyM.
Prof. Marta A. Caccavari, CICyTTP – CONICET y
MACN-CONICET

Dra. Fabiana Latorre. CICyTTP-CONICET y
UNMDP.

Lic. María Elena García de Albano F.M.L.

Ruth Otero, RAMS Environmental Laboratory Inc.

Gonzalo Torres, FCA – UNJ

Dra. Sandra M. Vergamini, UCS, Universidade de Caixas
do Sul, Brasil.

Daniela S. Nitiu

Russia

XII Russian Palynological Conference: “Palynology: Stratigraphy and Geocology”

The XII Russian Palynological Conference took place in Saint-Petersburg from September 29 to October 4. It was organized by Russian Petroleum Research Exploration Institute (VNIGRI) and St-Petersburg Pedagogic University. More than 100 participants from research institutes and universities including scientists from Ukraine, Belarus, Bulgaria and Iran took part in the Conference.

The scientific program included 8 sections:

- 1) biology and morphology of pollen grains
- 2) methods in palynology
- 3) aerobiology
- 4) forensics
- 5) palynology and archaeology
- 6) palynology, palaeogeography and stratigraphy of Cainozoae
- 7) palynology, palaeogeography and stratigraphy of Mesozoae and Palaeozoae
- 8) algology and diatomic flora

The aerobiological section was chaired by Valentina Shalaboda (Belarus) and Elena Severova (Moscow State University). The main discussion was about collaboration between monitoring stations and future Russian aerobiological networking. Another point was the necessity of national course on aerobiology that can be organized in Moscow State University.

Elena Severova

A “**First International Ragweed Conference**” was held in Budapest, Hungary, from September 10 - 13, 2008 by the Plant Protection Institute of the Hungarian Academy of Sciences and the Ministry of Agriculture and Rural Development.

The programme can be seen at

<http://www.nki.hu/ragweed/Ragweed2008.html>

Unfortunately, no conclusion have been reported to IAA newsletter.

4th EUROPEAN SYMPOSIUM on Aerobiology



Thanks to all ESA2008 Symposium delegates!

The fourth ESA 2008 Symposium was organised at the University of Turku on 12-16 August 2008. As the local organisers, we want to thank all delegates, accompanying persons and the Scientific Committee for creating a successful Symposium! It was a privilege to host the scientific contributions of very high standard. We also hope that the lively discussions in our social gatherings, among the delegates from 26 countries, have created new opportunities for co-operation across Europe.

The electronic version of the Abstract Book (NOTE: updated second edition) can be downloaded [here](#) for a limited period of time.

The Local Organizing Committee

4th European Symposium on Aerobiology Turku 12-16th August 2008 TURKU Finland

For the 4th ESA in Turku, this summer we were about 250 delegates, coming from 26 countries. We all want to express our thanks to Mervi Oikonen, Anna Kuparinen, Auli Rantio-Lehtimäki and all their staff for the nice scientific and logistic organization throughout the congress.

The weather was fine, not too cold, not too hot and all the delegates were very assiduous. The different sessions were at a high scientific level showing to us the impressive progress that has been made during the last years. The implication of meteorologists and phenologists allows us to make a large step forward in the field of modeling and forecasting.

The program embraced a wide variety of topics and key notes:

Session I: Pollen and Spores in General

Siegfried Jäger (Vienna, Austria): Effects of climate change to pollen and spores

Session II: Gene Flow

Session III: Forensic Aerobiology

Jean Emberlin (Worcester, UK): Forensic palynology: using pollen in the fight against crime

Session IV: Allergology

Erkka Valovirta (Turku, Finland): The Finnish Allergy Programme - from avoidance to tolerance induction

Cruise day: Workshops and General meeting of the European Aerobiology Society

Session V: Phenology

Arnold van Vliet (Wageningen, NL): Involving phenological networks and their information systems to monitor predict and communicate start of flowering

Carmen Galán (Córdoba, Spain): New phenological methods and the possible effect of climate change

Session VI: Indoor Air Hazards: Allergens and Mould Toxins

Anne Hyvärinen (Kuopio, Finland): Exposure assessment of environmental microbes

Frits Spijksma (Leiden, the Netherlands): House-dust mites and the indoor micro-climate

Session VIII: LDT, Meteorology, Satellite Imaging, Modelling

Jaakko Kukkonen (Helsinki, Finland): Evaluation and forecasting of the atmospheric concentrations of anthropogenic pollutants and allergenic pollen

Session VII and IX: Other topics

We appreciated all the sessions with nice and promising exchange of ideas.

During the cruise day on a very luxurious floating hotel, we enjoyed the workshops, the wind and the nice Finnish dishes. The EAS founding general assembly was an important event for the European aerobiology, Champagne closed nicely this event.

I do not want to forget to mention the pleasant social program with the visit of the cathedral, the invitation by the Mayor of Turku, the symposium dinner at the fireman house and the last day, the surprising excursion to Naantali and Moominworld were we had for a few hours the possibility to lapse into second childhood.

It was indeed a fruitful and very interesting congress and we have to continue making progress facing the 5th ESA in Poland in 2012.

Michel THIBAUDON



photo: Turun Yliopisto

25 years German PID

8th European Pollen Symposium and 25 years PID



photos: Maximilian Wilhelm

The 25th anniversary of the German Pollen Information Service Foundation (PID) was celebrated during the 8th European Pollen Symposium organised from 28th to 30th of March 2008 in Bad-Lippspringe (Germany) by Prof. K.-Ch. Bergmann. Participants from Germany and many other European countries (from Portugal to Estonia and from Finland to Greece) enjoyed a very interesting scientific programme in a friendly atmosphere. The “Happy Birthday Party” 25 years PID was held in a nice historical building in Gut Ringelsbruch near Paderborn.

The main topic of the Symposium was climate change and its multiple interactions with pollen and allergies. Specialists from different disciplines contributed to the topic, giving an overall picture of

observed and expected changes. It was first pointed out in the “climate change from meteorological view” session how global warming produces different regional patterns of changes which in turn influence local weather and vegetation, and which are possible scenarios for the future. Then the session “climate change from botanical view” made an update of the observed changes in phenology and in pollen season timing and abundance. The allergological view was presented in the third session. In particular, the importance of the exposure to new allergens was underlined and original results concerning the variations in the allergen content of pollen opened new perspectives for the future of aeroallergens monitoring. New perspectives for the modelling of airborne pollen dispersion were also presented. On Sunday morning, a special session was dedicated to ragweed, a forthcoming problem in Germany and the whole Europe. Many aspects of this invasive plant with very allergenic pollen were tackled at different scales: allergens, cross reactivity and sensitization, pollen transport and exposure, clinical relevance, ecology, control and also forecasting.



The intensive discussion after the presentations, during the poster session and during the breaks demonstrated the interest of the participants. Congratulations for this successful meeting and best wishes to the Pollen Information Service in Germany!

Bernard Clot

doctoral thesis

Doctoral Thesis

“Aerobiology. A study of airborne pollen in Bahía Blanca and their region”

On May 7th 2007, at the Universidad Nacional del Sur, Bahía Blanca, Argentina, María Gabriela Murray successfully defended her Doctoral Thesis, entitled “Aerobiology. A study of airborne pollen in Bahía Blanca and their region”. The thesis was prepared under the supervision of Dr. Carlos B. Villamil (Universidad Nacional del Sur, Argentina) and Dr. Carmen Galán Soldevilla (Universidad de Córdoba, España).

The thesis reported three and a half years of study of airborne pollen in the city of Bahía Blanca and two natural areas in the region. Aerobiological sampling was performed using volumetric impact sampler Rotorod model 20 and 40.

The pollen types that are most frequently found in the atmosphere of that city, their concentrations and the season in which they are present were identified by continued daily sampling. The airborne behavior of the different taxa was analyzed and the meteorological parameters that most affected each one were determined by joint analysis of the pollen and meteorological data. A more detailed study was carried out on groups of special interest for the population as they cause some kind of allergic reaction and/or they were present in very high concentrations in the atmosphere. The influence of the natural vegetation in the Bahía Blanca region on the pollen content of the air in the city was analyzed by weekly sampling.

The thesis deserved the maximum qualification, 10 (excellent) and the examining board was: Dr. Edgardo Romero (Museo Argentino de Ciencias Naturales, Buenos Aires), Dr. Marta Caccavari (CONICET, Diamante, Entre Ríos) and Dr. Mirta Quattrocchio (Universidad Nacional del Sur, Bahía Blanca).

Gabriela would like to thank everyone for their help and support throughout the PhD, especially Drs. Carlos Villamil (Universidad Nacional del Sur, Argentina), Carmen Galán and Herminia García-Mozo (Universidad de Córdoba, España), Delia Fernández González and Rosa Valencia Barrera (Universidad de León, España), Paul Comtois (University of Montreal, Canadá), Michael Muilenberg and Christine Rogers (University of Massachusetts Amherst, USA).

María Gabriela Murray

Foundation of the European Aerobiology Society EAS



The foundation of an association dedicated to aerobiology is not frequent, and therefore deserves particular attention.

The European Aerobiology Society EAS was founded on August 14, 2008, during the 4th European Symposium on Aerobiology, on board of the boat "M/S Viking Isabella" between Mariehamn and Turku. Not less than 83 persons and 5 associations acted as founders. This event had been carefully prepared by an ad-hoc working group nominated in 2006 during the 8th International Congress on Aerobiology in Neuchâtel: Rui BRANDAO, Jean EMBERLIN, Carmen GALAN, Regula GEHRIG, Auli RANTIO-LEHTIMAKI, Alicja STACH and Michel THIBAUDON. Bernard CLOT was asked to join this working group during a meeting in Poznan and to draft the statutes of the new association.

According to the second article of its statutes, "the aims of the Society shall be the following:

- a) to promote aerobiology and to further its development;
- b) to facilitate collaboration, research, education, information, technical development and practical application in the field of aerobiology;
- c) to create a platform for the persons, associations, societies and institutions with an interest in aerobiology in Europe;
- d) to elect the body responsible for organizing the European Symposia on Aerobiology;
- e) to encourage collaboration with other areas of science.

The Society shall be entitled to carry out any activity in accordance with these aims, such as organizing courses or developing educational programmes, coordinating or supporting projects, suggesting quality standards and quality control, encouraging young researchers and emerging networks, managing data bases, etc." In particular, EAS aims at offering all the persons and associations active or interested in the field of aerobiology a common platform to support initiatives and projects at European level. The increasing importance of European science financing structures will make EAS a particularly important tool for the development of our science in the coming years.

With regard to International activities, the article three of the EAS statutes mentions that "the Society shall be affiliated with the International Association of Aerobiology. It shall also be entitled to affiliate itself with other associations in order to meet its aims". Consequently, EAS individual member fees include IAA individual membership and electronic access to the journal *Aerobiologia*. EAS will then be an equivalent of the PAAA on the "old continent", being oriented towards specific matters at European level, and will strongly support - and be supported by - all the works of the IAA. Of course, IAA will continue to be the "think tank" for aerobiology, to manage the scientific knowledge of this science and to have the lead for all activities of common interest to all aerobiologists.

The "real life" of EAS will be organised in the form of - and take place in - Working Groups; therefore all members are invited to join and contribute. Five WGs have already started their business: "European projects", "Quality control", "European legislation", "Education" and "European Symposium". The WG "European Symposium" will decide on the organisation of the future European Symposia on Aerobiology and the WG "Education", among other matters, on the organisation of the European Courses in Aerobiology.

To manage the new Society during the first two-years term, 15 representative from all the areas of Europe were elected in the Committee: H. BEHRENDT (Germany), U. BERGER (Austria): Treasurer, R. BRANDAO (Portugal): Vice-President, S. CELENK (Turkey): Webmaster, B. CLOT (Switzerland), J. EMBERLIN (UK), G. FRENGUELLI (Italy), C. GALAN (Spain), S. JÄGER (Austria): President, L. KALNINA (Latvia), E. SEVEROVA (Russia), B. SIKOPARIJA (Serbia), C. A. SKJOTH (Denmark), M. THIBAUDON (France): Secretary-General and D. VOKOU (Greece). Auli RANTIO-LEHTIMAKI (Finland) and Roberto ALBERTINI (Italy) were elected auditors and Regula GEHRIG deputy-auditor.

Interested persons, associations and societies are welcome to join EAS! Be at the forefront of the development of aerobiology in Europe. We count on the participation of all of you!

EAS website will be online as soon as possible. For any question concerning EAS, you can contact the Secretary-General at the following email address: rnsa@rnsa.fr



photos: Gertraud Jäger, Siegfried Jäger

Bernard Clot * and Michel Thibaudon **
* MeteoSwiss, Switzerland ** RNSA, France

Upcoming events

International Ragweed conference

Conference Ragweed : from knowledge to action



Conference draft program – version of October, 10th 2008 – may be modified

**Friday, November 21st, 2008
AIX LES BAINS (France)**

Welcome

9 : 00 Opening (by the prefect of Savoie or his representative and the mayor of Aix les Bains)

9 : 15 The biology and the ecology of the ragweed (State of knowledge)

Speaker : Bruno CHAUVEL - INRA (French Institute for Agricultural Research)

9 : 40 The human health issue : pollen, transport, health impact (allergies)

Speakers : Bernard CLOT (MétéoSuisse), Michel THIBAUDON (RNSA - National

Network of Aerobiological Monitoring), Dr GIRODET and 15 min of questions

Break 10 : 40 - 11 : 00

11 : 00 Presentation of the September 2008 Budapest "Ambrosia" congress report

Professor Tamas KOMIVES - University of Budapest

11 : 10 The fight against the spread of the ragweed and the regulatory measures

Six presentations (each one 10 min) :

- French regulation
 - European regulations
 - Actions taken in the agricultural world
 - Actions taken by managers of roads, railways
 - Actions taken by a region
 - Actions taken by a city in Rhône-Alpes
- and 20 to 30 min of debate

Lunch 12 : 30 - 14 : 00

14 : 00 Presentation of posters (each one 3 min)

Speakers : any body who fights against the ragweed spreading

15 : 45 Roundtable « for better coordination of the fight against the ragweed»

moderated by Mathieu VIDARD, journalist

17 : 00 Poster awards and end of the conference

Réalisation : ATMO RhôneAlpes GIE - Crédit photo : Sapsiwai © fotolia.com

Michel THIBAUDON

Next European Symposium on Aerobiology

The General Assembly of the European Aerobiology Society made decision to hold the next Symposium in Krakow, Poland in 2012. The 5th European Symposium on Aerobiology will be organized under the patronage of the Rector of Jagiellonian University.

The date will be 3-7 September 2012.

Professor Hikaru Takahara, the chair-person of the Organizing Committee of the 13IPC agreed to take our Symposium into consideration making decision to fix the date of Palynological Congress.

The first, general communication about the 5ESA will be placed on the website of 4ESA.

More information will be presented on the official pages of the Jagiellonian University and aerobiological associations. (IAA, EAS).

Contact: Dorota Myszkowska dorota.myszkowska@wp.eu

Next European Basic Course on Aerobiology

The General Assembly of the European Aerobiology Society made the decision to hold the 9th Course in Évora, Portugal, in summer 2009.

Contact: Rui Brandao ruibrand@uevora.pt



9th International Congress on Aerobiology
23-27 August 2010
Buenos Aires, Argentina



Call for session topics / symposia

In less than two years, the next International Congress on Aerobiology will take place. The selected theme for the venue will be "Expanding Aerobiology". If Aerobiology is expanding to new geographical areas (for the first time, it will be held in the Southern Hemisphere), it is also developing new concepts, diversifying its technology and branching out to new disciplines. We would like the next 9th ICA to embody this new reality. The organisers welcome proposals for session topics and/or satellite symposia to be organised in the frame of the Congress. Aerobiologists, as well as scientists from other disciplines related to aerobiology are invited to suggest topics. Please include a title, short description of aims and possible speakers.

For more information on the 9th ICA, please visit:

www.aerobiologia.com.ar/9thICA.html

To contact the organisation, please write to:

9thica@aerobiologifa.com.ar

Paul Comtois

upcoming events



Associazione Italiana di Aerobiologia
XII Congresso Nazionale Aerobiologia
“Salute dell’ambiente salute dell’uomo”
Firenze 7-9 Maggio 2009



AIA
XII National
Congress
2009



CONGRESS VENUE:

Grand Hotel Baglioni
Piazza dell'Unità Italiana, 6, 50123 Firenze

under patronance of

Accademia dei Georgofili, FEDERASMA, Federazione Italiana Società di Immunologia, Allergologia e Immunologia Clinica (IFIACI), and International Association for Aerobiology (IAA)

PRESIDENTS of the CONGRESS

Mariangela Manfredi, Firenze, Guido Marcer, Padova

SCIENTIFIC COMMITTEE:

Mariangela Manfredi, Firenze, Roberto Albertini, Parma, Lorenzo Cecchi, Firenze, Pier Paolo Dall'Aglio, Parma, Gennaro D'Amato, Napoli, Paola De Nuntiis, Bologna, Sebastiano Gangemi, Messina, Guido Marcer, Padova, Paola Minale, Genova, Gianna Moscato, Pavia, Marzia Onorari, Pistoia, Emma Tedeschini, Perugia, Alessandro Travaglini, Roma, Mario Zanca, Mantova, Emanuela Zieger, Bolzano

ORGANIZING COMMITTEE:

Mariangela Manfredi, Firenze, Roberto Albertini, Parma, Maria Antonia Brighetti, Roma, Lorenzo Cecchi, Firenze, Paola De Nuntiis, Bologna, Maria Paola Domeneghetti, Pistoia, Guido Marcer, Padova, Marzia Onorari, Pistoia, Tommaso Torrigiani, Malaspina, Firenze, Alessandro Travaglini, Roma, Manuela Ugolotti, Parma,

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TOPICS

Salute dell'ambiente e cambiamenti climatici / Environment and climatic changes
Allergopatie respiratorie come patologie ambientali / Respiratory allergic diseases as environmental diseases
Reti di monitoraggio aerobiologico al servizio della salute in Italia e in Europa / Aerobiological networks for health in Italy and in Europe
Prevenzione delle allergie indoor negli ambienti di vita e di lavoro / Prevention of indoor and occupational allergy. Novità terapeutiche nell'asma e nella rinite / What's new in asthma and rhinitis therapy
Aerobiologia, Fenologia e Fitopatologia / Aerobiology, Phenology and Phytopathology
Molecole allergeniche: nuove metodiche in aerobiologia e nella diagnostica allergologica / Allergen components: breaking news in aerobiology and allergy diagnosis
Acari: profilassi e immunoterapia specifica / House dust mites: prophylaxis and specific immunotherapy
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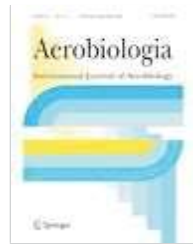
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Dear Colleagues,

2008 has been an exciting year for **Aerobiologia**.

This year the journal has been included in the *ISI Web of Knowledge Journal Citation Reports*, attaining an **impact factor of 0.944**.

This achievement has been the result of a coordinated effort by the Associate Editors, Editorial Board members, reviewers, and Springer, who have focused all of their efforts on improving the journal. The twin

additions of the online *Editorial Manager* review system for submissions and the *Online First* feature for publication have allowed us to publish papers in a much shorter time, thus making the latest scientific research available and citable weeks after acceptance.

Moreover, the journal is linked to the [International Association for Aerobiology \(IAA\)](#) and membership automatically leads to an electronic subscription to the journal. This facilitates the participation of a multidisciplinary group of scientific researchers, which leads to coverage of a wide range of aerobiology topics.

The journal's impact factor speaks for itself, and I would like to encourage all researchers in aerobiology to send high quality papers to the journal, in order to contribute to the scientific community. As the only journal dealing exclusively with aerobiology, it is an excellent international medium for your research. Please visit the [journal's homepage](#) for details on the Aims and Scope and instructions for authors.

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We look forward to hearing from you.

Carmen Galán Soldevilla
Editor-in-Chief
Aerobiologia

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