



MMVAM 2008 Second Circular and Provisional Conference Programme

A New International Conference

Modern Mucosal Vaccines, Adjuvants & Microbicides

MMVAM 2008 – 22-24 October 2008, Tiara Park Atlantico Porto, Portugal

Advisory Scientific Panel

Ted Ross (University of Pittsburgh, USA) · Julian Ma (St. George's, University of London, UK)
Kevin Whaley (Mapp Biopharmaceuticals Inc., USA) · John Clements (Tulane University, New Orleans, USA)
Jan Holmgren (Gothenberg University, Sweden) · Martin Cranage (St. George's, University of London, UK)
Pearay Ogra (Women and Children's Hospital, Buffalo, New York, USA)
Alex von Gabain (Intercell AG, Vienna, Austria) · Philippe Sansonetti (Pasteur Institute, Paris, France)
Helena Tlaskalova-Hogenova (Czech Academy of Sciences, Prague, Czech Republic)
Ed Lavelle (Trinity College Dublin, Ireland) · Eric Cox (University of Ghent, Belgium)
Ulf Schröder (Eurocine Vaccines, Stockholm, Sweden) · Cecil Czerkinsky (IVI, Seoul, South Korea)
Martin Friede (World Health Organization, Geneva, Switzerland)

Conference Scope/Topics

- Developmental aspects of Mucosal environment and Immunity
- Lessons learnt from earlier and existing (available) Mucosal vaccines and Microbicides
- Approaches to the development of Modern Mucosal Vaccines and Microbicides
- Considerations of the Route of Immunization (sublingual, oral, nasal, rectal, vaginal), Antigens and genomics, Adjuvants
- Developmental aspects of human Mucosal vaccines currently in progress
- Development aspects of veterinary mucosal vaccines
- Live vector vaccines
- Progress in the development of Mucosal Microbicides

Closing date for poster abstract submissions Friday 19th September 2008



Register securely on-line at: www.meetingsmanagement.com/mmvam_2008

*Graphic courtesy of Jorgen de Jonge (University of Groningen, The Netherlands)

MODERN MUCOSAL VACCINES, ADJUVANTS & MICROBICIDES:
PREVENTING TRANSMISSION OF PATHOGENS

07.30am Onwards

Registration

09.25–09.30

Welcome & Opening Remarks

SESSION 1:

OPENING PLENARY

Moderator: Pearay L. Ogra

(Women and Children's Hospital, Buffalo, New York, USA)

09.30–10.00

'Lessons from earlier and existing mucosal vaccines: oral polio vaccines (OPV), rotavirus vaccines and rubella vaccines'

Pearay L. Ogra

(Women and Children's Hospital, Buffalo, New York, USA)

10.00–10.30

'What is the relevance of mucosal immunity in man?'

Martin Friede (WHO, Geneva, Switzerland)

10.30–11.00

'Modern mucosal vaccines and adjuvants – an overview'

Jan Holmgren (University of Gothenburg, Sweden)

11.00–11.30

Coffee Break & Poster Set-Up

SESSION 2:

PLENARY CONTINUED

Moderator: Martin Friede (WHO, Geneva, Switzerland)

11.30–12.00

'Rational mucosal vaccine design – dreams, genes and reality'

Alex von Gabain (Intercell AG, Vienna, Austria)

12.00–12.30

'Role of TLR signaling in driving mucosal IgA responses'

Martin Bachmann

(Cytos Biotechnology AG, Zurich, Switzerland)

12.30–13.00

'Mucosal tolerance and vaccines'

Jiri Mestecky

(University of Alabama, Birmingham, Alabama, USA)

13.00–14.00

Lunch & Posters

SESSION 3:

MUCOSAL IMMUNIZATION

Moderator: Ted Ross (University of Pittsburgh, USA)

14.00–14.30

'Vaccine patch for travellers diarrhea: reinforcing the guardians of the enterocyte lipid rafts'

Greg Glenn (IOMAI Inc., Gaihersburg, Maryland, USA)

14.30–15.00

'Mucosal and systemic immune responses to *Mycobacterium tuberculosis* vaccine candidates following intranasal immunization'

Suraj B. Sable (CDC, Atlanta, Georgia, USA)

15.00–15.30

'Achieving vaginal immune responses through mucosal immunization'

Melissa M. Herbst-Kralovetz, Brooke Hjelm, Daaimah LaVigne, Jacki Kilbourne, Charles Arntzen, Qiang Chen and Hugh Mason (Arizona State University, Tempe, Arizona, USA)

15.30–15.50

'Mucosal and systemic immune responses induced by transcutaneous immunization'

I. Skountzou, L. Ye, M. Martin-Matos, D. Alexis, P. Haun, J. Jacob, S.M. Kang and R.W. Compans (Emory University, Atlanta, Georgia, USA)

15.50–16.10

Tea Break & Posters

SESSION 4:

ENTERIC

Moderator: To be confirmed

16.10–16.40

'Mucosal immunisation generates high avidity CTL compared to systemic immunisation and expression of IL-4–IL-13 by CTL can modulate T cell avidity'

C. Ranasinghe, A.J. Ramsey and I.A. Ramshaw

(The Australian National University, Acton, ACT, Australia)

16.40–17.00

'The F4 receptor, a new target to induce intestinal immunity against enteropathogens'

E. Cox, K. Rasschaert, P. Tiels, F. Verdonck and B. Goddeeris

(Ghent University, Belgium)

17.10–17.30

'Immunotherapeutic PMED DNA immunization in combination with antiretroviral drug therapy increases immune function and reduces virus replication in the gut-associated tissues of SIV-infected rhesus macaques'

Michael Murphey-Corb, Premeela Rajakumar, Jenny Che, Brendon Whalberg, Heather Michael, Peter Ertl, Fiona Cook, Rachel Taber, Julia Nyuandi, John Tite and Deborah H. Fuller (University of Pittsburgh, Pennsylvania, USA)

17.30–18.00

Keynote Lecture:

'Stimulating immunity to HIV at the virus portal of entry'

Martin Cranage (St. George's, University of London, UK)

18.00–19.30

MMVAM 2008 Welcome Reception & Poster Session

SESSION 5:

MICROBICIDES

Moderator: Kevin Whaley (*Mapp Biopharmaceuticals Inc., USA*)

09.00-09.30

'Clinical Status of microbicides'

Kevin Whaley

(*Mapp Biopharmaceutical Inc., San Diego, California, USA*)

09.30-10.00

Keynote Lecture:

'HIV microbicides'

Charles Kelly (*King's College London, UK*)

10.00-10.20

'Development of a live mucosal microbicide for women'

Qiang Xu, Xiaowen Liu, Laurel A. Lagenaur, Yang Liu, Rosa Yu,

Andrew Cheng, Kim Wells, Jun Wang, Thomas P. Parks,

Dean H. Hamer and Peter P. Lee

(*Osel Inc., Santa Clara, California, USA*)

10.20-10.40

'Preventing sexual transmission of HSV and HIV:

Manufacturing mapp66'

L. Zeitlin, N. Bohorova, D. Kim, J. Velasco, P. Bettinger, A. Hiatt,

M. Pauly and K.J. Whaley

(*Mapp Biopharmaceutical Inc., San Diego, California, USA*)

10.40-11.00

Coffee Break & Posters

SESSION 6:

TRANSGENICS & PLANT-BASED VACCINES

Moderator: Martin Cranage (*St. George's, London, UK*)

11.00-11.30

Keynote:

'Transgenic rice expressing vaccine antigens'

Hiroshi Kiyono (*The University of Tokyo, Japan*)

11.30-11.50

'Immunogenic properties of plant-derived recombinant smallpox vaccine candidate pB5'

M. Golovkin, S. Spitsin, C. Portocarrero, K. Markley and

H. Koprowski (*Thomas Jefferson University, Philadelphia, USA*)

11.50-12.10

'Biochemical and immunological characterization of the plant-derived candidate HIV-1 mucosal vaccine CTB-MPR₆₄₉₋₆₈₄'

Nobuyuki Matoba, Hiroyuki Kajiuira, Irene Cherni, Jeffrey Doran,

Morgane Bomsel, Kazuhito Fujiyama and Tsafir S. Mor

(*Arizona State University, Tempe, Arizona, USA*)

12.10-12.30

'Expression of HIV epitope on the surface of a plant virus coat protein towards vaccine development'

D. Subha and R. Usha

(*Madurai Kamaraj University, Madurai, India*)

12.30-13.00

Keynote:

'Plant vaccines: current development'

Yasmin Thanavala

(*Roswell Park Cancer Institute, Buffalo, New York, USA*)

13.00-14.00

Lunch & Posters

SESSION 7:

VACCINATION & ADJUVANTS

Moderator: To be confirmed

14.00-14.30

Keynote:

'Sublingual vaccination: cellular and molecular basis'

Cecil Czerkinsky (*International Vaccine Institute, Seoul, Korea*)

14.30-14.50

'Adjuvants and formulations for sublingual allergy vaccines'

Laurence Van Overtvelt, Vincent Lombardi, Nathalie Saint-Lu,

Alain Razafindratsita, Laurent Mascarell, Nathalie Berjont,

Helene Moussu, Stephane Horiot and Philippe Moingeon

(*Stallergenes SA, Antony, France*)

14.50-15.10

'The use of cationic acyl-amines as adjuvants for nasal vaccines'

Ulf Schroder (*Eurocine vaccines, Stockholm, Sweden*)

15.10-15.30

'Modulation of mucosal immune responses to pneumococcal protein antigens in human NALT by TLR2 and TLR9 ligands'

Qibo Zhang, Linda Bagrade, James Paton, Desmond Nunez

and Adam Finn (*University of Liverpool, UK*)

15.30-16.00

'Pre-clinical and clinical models for evaluation of mucosal adjuvants and microbicides'

Alex Mann and Rob Lambkin-Williams

(*Retroscreen Virology Ltd., London, UK*)

16.00-16.30

Tea Break & Posters

SESSION 8:

VACCINE CANDIDATES & DEVELOPMENT

Moderator: Cecil Czerkinsky (*IVI, Seoul, Korea*)

16.30-17.00

'HIV vaccines – current developments'

Susan Barnett

(*Novartis Vaccines, Cambridge, Massachusetts, USA*)

Continued overleaf

Provisional Conference Programme – Thursday 23rd October 2008

17.00–17.20

'Low-dose influenza ISCOMATRIC™ vaccine induces systemic and mucosal immunity following intrapulmonary delivery'

Jean-Pierre Y. Scheerlinck, Janet Wee, Ken Snibson, Stirling Edwards, Martin Pearse and Philip Sutton
(The University of Melbourne/CSL Limited, Melbourne, Victoria, Australia)

17.20–17.40

'Mucosal vaccines and biodefense: Lessons from RiVax™'

Nicholas J. Mantis and Robert Brey III
(New York State Department of Health, Albany, New York, USA)
Free Evening for Delegates

Provisional Conference Programme – Friday 24th October 2008

SESSION 9:

PARTICLE DELIVERY & PARTICLE BASED VACCINES

Moderator: Ed Lavelle (Trinity College Dublin, Ireland)

08.30–09.00

'Stealth Microparticles™: A pathogen-mimicking microparticle technology for mucosal vaccine delivery with no cold chain requirements'

Susan Szathmary and Laszlo Stipkovits
(GalenBio Inc., San Diego, California, USA)

09.00–09.30

'Elicitation of protective immune responses against influenza following intranasal immunization with virus-like particles'

Ted M. Ross, Corey J. Crevar, Donald M. Carter, Brendan M. Giles and Rick A. Bright
(University of Pittsburgh, Pittsburgh, Pennsylvania, USA)

09.30–09.50

'New approach on the development of a mucosal vaccine using biodegradable polymeric nanoparticles'

Helena F. Florindo, Sreenivas Pandit, Lidia Goncalves, Oya Alpar and Antonio J. Almeida (University of Lisbon, Portugal)

09.50–10.10

'GEM particles as mucosal antigen delivery vehicle: Activation of the adult- and neonatal immune system and application in nasal vaccines'

Kees Leenhouts, Maarten van Roosmalen, Marcela Pasetti, Peter Hermans, Xavier Saelens and Hans Hektor
(Mucosis BV, Groningen, The Netherlands)

10.10–10.30

'An intranasal DNA vaccine for visceral leishmaniasis that is systemically expressed and improved with microparticles'

D.C.O. Gomes, E.F. Pinto, B.L.S. Costa, U.G. Lopes, M.I. Re and B. Rossi-Bergmann (Federal University of Rio de Janeiro, Brazil)

10.30–11.00

Coffee Break & Posters

SESSION 10:

DELIVERY & LIVE VECTORS

Moderator: Ulf Schroder (Eurocine Vaccines AB, Sweden)

11.00–11.30

'Enhancement of antigen-specific cellular immunity by mucosal targeting of microparticles with a novel lectin mimetic'

Ed Lavelle, E. McNeela, E. Lynch, and T. Leonard (Merrion Biopharmaceutics Ltd. & Trinity College Dublin, Ireland)

11.30–11.50

'Oral delivery of chimeric adenoviral vectors expressing TLR3 adjuvant and antigen protect ferrets against lethal avian flu'

Sean N. Tucker (Vaxart Inc., San Francisco, California, USA)

11.50–12.10

'Live vaccines, vectors and production vessels: the next generation'

Marcel Thalen
(Synco Bio Partners BV, Amsterdam, The Netherlands)

12.10–12.30

'A replication-competent modified vaccinia Tian Tan is superior to modified vaccinia Ankara for inducing neutralizing antibodies via mucosal vaccination'

Zhiwei Chen, Xiaoxing Huang, Bin Lu, Qing Fang, Wenbo Yu, Li Liu, Po Tian, Ke Zhuang and Linqi Zhang
(The University of Hong Kong, Hong Kong, China)

12.30–14.00

Lunch Break & Posters Breakdown

SESSION 11:

CLOSING PLENARY SESSION

Moderator: To be confirmed

14.00–14.30

'Protection against common respiratory pathogens in early infancy: risks and opportunities'

Patrick Holt (University of Western Australia, Australia)

14.30–15.00

'The future for mucosal vaccines and adjuvants'

Speaker to be confirmed

MMVAM 2008 Conference Summary – To be confirmed

Open Panel Discussion – To be confirmed

Conference Close & Departure

* THIS PROVISIONAL PROGRAMME IS CORRECT AT TIME OF PRINTING. HOWEVER THE ORGANIZERS RESERVE THE RIGHT TO MAKE ANY ALTERATIONS THAT MAY BE REQUIRED IN THE INTERESTS OF THE FINAL CONFERENCE PROGRAMME.

MMVAM 2008 Conference Secretariat, Meetings Management

The Barn, Rake Meadow, Station Lane, Milford, Surrey, GU8 5AD, United Kingdom

Conference Manager: Caroline Sumner Telephone: +44 (0)1483 427770 Fax: +44 (0)1483 428516

Email: csumner@meetingsmgmt.u-net.com Register securely on-line at: www.meetingsmanagement.com/mmvam_2008

Provisional Conference Programme – Poster Session

'Liquid/emulsion drug delivery system (LEDDS™) formulation for oral vaccination'

E.A. McNeela, J. Bryant, I. Coulter and E.C. Lavelle
(Trinity College Dublin, Ireland)

'Plant origin stress induced proteins – natural adjuvants'

T. Jaliashvili, R. Iannacone, S. Summerer and F. Bruno
(Biorational Technology France Ltd., Dreux, France)

'Comparative efficacy of mucosal adjuvants for virus-like particle vaccine'

Fu Shi Quan et al. (Emory University, Atlanta, Georgia, USA)

'Vaccination trial using a recombinant Mannheimia vaccine in goats'

M.Y. Sabri and M. Zamri-Saad
(University Putra, Selangor, Malaysia)

Sponsors

The MMVAM 2008 Advisory Scientific Panel and the organizers would like to acknowledge the support of the following sponsors:



Poster Papers

Late poster paper submissions are invited and prospective authors should submit a one page abstract of their poster(s) to the Conference organizers (Meetings Management) for consideration. Please send your poster for the attention of John Herriot (E-mail: jherriot@meetingsmgmt.u-net.com) at Meetings Management.

Late poster abstracts should be submitted by Friday 19th September 2008.

Table Top Exhibition

Table top exhibition space is available at MMVAM 2008. Exhibitors can showcase their products/literature or services by reserving a table top exhibit (or exhibit their own display boards) during the conference.

To reserve your table top/display space at MMVAM 2008 please use the relevant section in the Delegate Registration Form at the back of this brochure.

MMVAM 2008 Conference Secretariat, Meetings Management

The Barn, Rake Meadow, Station Lane, Milford, Surrey, GU8 5AD, United Kingdom
Conference Manager: Caroline Sumner Telephone: +44 (0)1483 427770 Fax: +44 (0)1483 428516
Email: csumner@meetingsmgmt.u-net.com Register securely on-line at: www.meetingsmanagement.com/mmvam_2008

Information for Delegates

REGISTRATION

Delegates should register for MMVAM 2008 by completing the form provided on the back page of this brochure. The completed Conference Registration Form plus payment (payment in £ Pounds Sterling) should be sent to the MMVAM 2008 Conference Manager – Caroline Sumner at Meetings Management. The MMVAM 2008 Conference Registration Desk will be open from 8.00am on Wednesday 22nd October 2008. **Delegates can also register securely on-line at: www.meetingsmanagement.com/mmvam_2008**

VENUE & ACCOMMODATION

The venue for MMVAM 2008 is the Tiara Park Atlantico Porto hotel.

The organizers have negotiated special discounted accommodation rates for MMVAM 2008 delegates at the hotel. Please use the Accommodation Booking Form provided in this brochure to qualify for the special rates.

TIARA PARK ATLANTICO PORTO

Avenida da Boavista, 1466 4100-114 Porto, Portugal

Tel: +351 22 607 2500 Fax: +351 22 600 3214

Email: candida.baldaia@tiara-hotels.com

Web: www.tiara-hotels.com

Poster Papers

Late poster paper submissions are invited and prospective authors should submit a one page abstract of their poster(s) to the Conference organizers (Meetings Management) for consideration. Please send your poster for the attention of John Herriot (Email: jherriot@meetingsmgmt.u-net.com) at Meetings Management. **Late poster abstracts should be submitted by Friday 19th September 2008.**

PUBLICATION

A CD ROM of final programme and abstracts of all presentations, oral and poster, will be distributed to delegates when they register at the conference.

TABLE TOP EXHIBITION

Table Top Exhibition space is available at the meeting. Exhibitors can showcase their products or services by reserving a table top exhibit. The exhibit area will be located adjacent to the main conference area where all refreshments breaks will be taken to ensure maximum traffic of conference delegates. If you are registering for the conference, you can reserve a table for £995. If you do not wish to attend the conference sessions, you can reserve a table for £1995 (includes admission to all meals/receptions by one company representative).

PLEASE NOTE: If you wish to have additional representatives on your table top exhibit there will be an additional charge for catering levied per head. Please contact the Conference Manager for this additional price.

Please make your bookings and payment using the relevant section on the Delegates Registration Form on the back page of this brochure. All general enquiries regarding Table Top Exhibition facilities at MMVAM 2008 should be directed to John Herriot at Meetings Management (E-mail: jherriot@meetingsmgmt.u-net.com)

DELEGATE PACK INSERT SERVICE

Company literature/brochures/conference brochures may be distributed to delegates as part of the documentation issued on arrival/registration. One insertion in the MMVAM 2008 delegate pack is priced at £425. Please make your booking and payment using the relevant section on the Delegates Registration Form on the back page of this brochure. All general enquiries regarding Delegate Pack Insertion services at MMVAM 2008 should be directed to John Herriot at Meetings Management (E-mail: jherriot@meetingsmgmt.u-net.com)

PLEASE NOTE: Literature for distribution to MMVAM 2008 delegates is subject to approval by the conference organizers.

INSURANCE & CANCELLATION

The organizers cannot be held responsible for any personal accident or damage to their private property of participants at MMVAM 2008. The organizers strongly urge participants to ensure they have adequate travel and personal insurance cover before they depart for the conference. The organizers cannot be held liable for any costs incurred should the conference be cancelled for any reason. Maximum notice of cancellation will be given by the organizers to all pre-registered delegates.

PROGRAMME

The MMVAM 2008 Advisory Scientific Panel and the MMVAM 2008 Conference Organizers reserve the right to alter any part of the published conference programme if this is necessitated by any circumstances outside their control. All efforts will be made to keep any such changes to a minimum. The programme published in the brochure was correct at the time of going to press however the final programme may be subject to change.

CANNOT ATTEND?

If you and your colleagues are unable to attend the conference, the conference materials (abstract booklet, speaker handouts, late abstracts, attendee list, pack materials and literature) are available for purchase. While not intended as a substitute for actual attendance, these materials would at least provide a documentary record of the event and allow you to keep you or your organization's library up to date. The cost of providing this non-attendee package is £395 (including postage and packing). To order this package from Meetings Management please use the relevant section in the Delegates Registration Form on the back page of this brochure.

ANY QUESTIONS?

For further information and assistance, please contact: Caroline Sumner MMVAM 2008 Conference Manager (details below).

MMVAM 2008 Conference Secretariat, Meetings Management

The Barn, Rake Meadow, Station Lane, Milford, Surrey, GU8 5AD, United Kingdom

Conference Manager: Caroline Sumner Telephone: +44 (0)1483 427770 Fax: +44 (0)1483 428516

Email: csumner@meetingsmgmt.u-net.com Register securely on-line at: www.meetingsmanagement.com/mmvam_2008

Sponsors

The MMVAM 2008 Advisory Scientific Panel and the organizers would like to acknowledge the support of the following sponsors:



Poster Papers

Late poster paper submissions are invited and prospective authors should submit a one page abstract of their poster(s) to the Conference organizers (Meetings Management) for consideration. Please send your poster for the attention of John Herriot (Email: jherriot@meetingsmgmt.u-net.com) at Meetings Management. **Late poster abstracts should be submitted by Friday 19th September 2008.**

Table Top Exhibition

Table top exhibition space is available at MMVAM 2008. Exhibitors can showcase their products/literature or services by reserving a table top exhibit (or exhibit their own display boards) during the conference.

To reserve your table top/display space at MMVAM 2008 please use the relevant section in the Delegate Registration Form at the back of this brochure.

Hotel Accommodation Form for MMVAM 2008

To make your hotel reservation please fax or mail the completed form to **Ms Cândida Baldaia** (this form must be used to qualify for the special conference rate at the hotel venue).

TIARA PARK ATLANTICO PORTO

Avenida da Boavista, 1466 4100-114 Porto, Portugal
Tel: +351 22 607 2500 Fax: +351 22 600 3214
Email: candida.baldaia@tiara-hotels.com
Web: www.tiara-hotels.com

- Deluxe Single: 100 Euros Executive Single: 145 Euros
 Deluxe Double: 115 Euros Executive Double: 160 Euros
 Deluxe Suite: 250 Euros

Rates per night include breakfast, taxes and service charge.

Reservations must be guaranteed with a major credit card. Cancellations made from 12 September 2008 will be charged one night. Cancellations made from 1 October 2008 will be considered as a no-show and the full stay will be charged. Early departure will be charged for the full stay.

Important: Hotel reservations and arrangements are the sole responsibility of the delegate. Rooms have been reserved specifically for MMVAM 2008 at discounted rates. To benefit from the special conference room rates please make all necessary reservations before the **cut off date of Friday 12 September 2008**. After this date rooms will be subject to availability. If your travel dates should change after this form has been submitted, please notify the hotel immediately.

Family Name Title

First Name

Job Title

Organization

Address

Post/Zip Code Country

Tel Fax

E-mail

Passport No Expiry Date

Place of Issue Date of Issue

Arrival Date Flight ETA

Departure Date Flight ETD

CREDIT CARD GUARANTEE

To: Amex VISA Eurocard/MasterCard Diners Club

Card No.

Expiry Date

Cardholders Name

Cardholders Signature

FOR HOTEL USE ONLY

Booking is confirmed/not confirmed

Acknowledged by Date

Remarks

