

REGISTRATION FORM

2010 Workshop of the International Commission on Food Mycology
June 7 - 9, 2010,
Technische Universität München, 85350 Freising-Weihenstephan, Germany

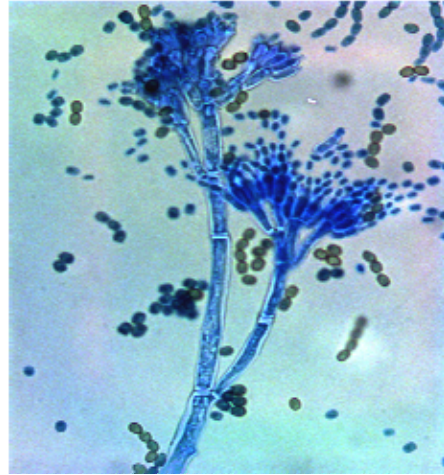
Please type or write in CAPITALS and

e-mail: niessen@wzw.tum.de

or fax: +49 8161 71 3327

or mail to:

Lehrstuhl für Technische Mikrobiologie
Technische Universität München
85350 Freising, Germany



Registration deadline: April 15, 2010 !

PARTICIPANT

Family name Postal/Zipcode

First name..... M/F Town.....

Organization Country.....

..... Telephone.....

Address Telefax.....

..... E-mail.....

Catering: no meat no fish no pork

REGISTRATION FEE

The registration fee for the 2010 ICFM workshop is **450,- €** per participant, including single room accommodation for three nights with breakfast, lunch, dinner and two coffee breaks, abstract book. Please indicate your period of accommodation.

Arrival Sunday, June 6, 2010 Departure Wednesday, June 9, 2010

Arrival Monday, June 7, 2010 Departure Thursday, June 10, 2010

I need additional accommodation please indicate date

PAYMENT is possible via bank transfer only – we can not accept credit cards

ABN AMRO - Centraalbureau voor Schimmelcultures (KNAW – Mycology Internat.)
55.27.22.669 BIC ABNANL2A; IBAN number NL05ABNA0552722669. Please mention
ICFM workshop 2010.

Registration is only valid upon receipt of the conference fee. Registration deadline is April 15th 2010. The conference fee includes free participation in all lectures and the poster sessions, abstract book, three nights of accommodation in single room, breakfasts, lunches, dinners, coffee breaks at “Kardinal-Döpfner-Haus (conference venue), visit to Freising Cathedral and dinner at Bavarian Biergarten. Reservation of rooms is done by the conference organizers on a first come basis. If this venue is full, €200 will be reimbursed. Extension of accommodation is possible to Friday, June 11, 2010 for € 72 per person per day, including breakfast, lunch, dinner and two coffee breaks. Please inquire for room availability!

Accompanying persons may not enter scientific sessions and do not receive conference materials. Their fee of € 280 includes three nights of single room accommodation at conference venue, all meals, visit to Freising Cathedral and dinner at Bavarian Biergarten. A limited number of rooms for double room accommodation are available upon request. Please inquire for room availability and for additional accommodation.

Cancellation policy: Cancellation is free until May 3, 2010. For Cancellation until May 21, 2010 a fee of € 135 will be raised. Cancellations made after May 24, 2010 can not be reimbursed. A replacement delegate may be sent at no extra charge. The organizers reserve the right to cancel this conference if a sufficient number of registrations are not received by May 1, 2010. If the organizers cancel this event, registration fees will be refunded in full. In case of cancellation of this event, the organizers are not liable for non-refundable (air) fares or ticket change penalties.

Thank you for your registration

Ludwig Niessen (TU-München, Germany),
Rob Samson (CBS, Utrecht, The Netherlands)

I plan to submit / have submitted an abstract for a scientific presentation

(in case of a full venue attendees offering a scientific contribution will be given preference)

Preference of contribution lecture poster

Title.....

.....

Signature.....

Date.....

Deadline for abstract submission is **April 1, 2010**. Please use the attached example abstract for formatting and email your abstract to niessen@wzw.tum.de

Incidence of *Aspergillus* spp. during production of Grenada nutmegs and testing of essential oils for the control of *A. flavus* and *A. parasiticus*

Ludwig Niessen^{1*}, Félicité Makamté Koutang¹, Michael Zapf¹, Kristian Fog Nielsen², Matthias Lorenz³, and Rudi F. Vogel¹

¹Technische Universität München, Lehrstuhl für Technische Mikrobiologie, Weihenstephaner Steig 16, D-85350 Freising, Germany

²Centre for Microbial Biotechnology, Technical University of Denmark, Søltøfods Plads, Building 221, DK 2800 kgs. Lyngby, Denmark

³Spice Research, WINDREF Research Institute, P.O. Box 7, St. George's, Grenada

*Presenter, niessen@wzw.tum.de

Grenada is the southernmost of the Caribbean Windward Islands, north of Trinidad and west of Barbados. Nutmeg production and export is one of the main pillars of Grenada's economy and contaminations of nuts with aflatoxins cause serious trade restrictions. In order to increase process hygiene, fungal contamination of nutmegs was monitored during the production process at Grenada. Among other *Aspergillus* spp., *A. flavus* and *A. parasiticus* were frequently isolated from wind fallen nuts, from washing water, and from nuts and dust taken from drying and storage facilities. In order to test nutmeg fungal isolates for their aflatoxin producing capabilities, Palm Fat Agar (PFA) was developed on the basis of emulsified palm fat (Palmin®). The medium proved to be an interesting alternative to the use of coconut cream agar. All *A. parasiticus* and 50 % of *A. flavus* isolates produced aflatoxins on PFA as indicated by bright blue fluorescence and TLC analysis. Aimed at inhibiting growth of aflatoxin producers during drying and storage of nutmegs, effects of eight different essential oils on growth and aflatoxin production by *A. flavus* and *A. parasiticus* isolates were investigated. Oils from *Cinnamomum zeylanicum* (Ceylon cinnamon) and *C. cassia* (Chinese cinnamon) had the most pronounced effect among the oils tested. Essential oils produced from nutmeg and mace had no inhibitory effect on fungal growth. Quantitative analysis of aflatoxin production by *A. parasiticus* cultures grown in liquid PFA in the presence of the *C. cassia* oil revealed inhibition of growth and aflatoxin production at higher doses and a marked increase of toxin production at sublethal concentrations.