

IMPLEMENTATION OF FLUIDIZED BED TECHNOLOGY FOR BIOTECHNOLOGICAL APPLICATIONS

WORKSHOP

1 March 2007
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Universität für Bodenkultur Wien
University of Natural Resources
and Applied Life Sciences, Vienna



IFA - TULLN
Institute for Environmental
Biotechnology



IMPLEMENTATION OF FLUIDIZED BED TECHNOLOGY FOR BIOTECHNOLOGICAL APPLICATIONS

LOCATION:

Institute of Environmental Biotechnology, IFA-Tulln
Konrad Lorenz Straße 20, A-3430 Tulln - AUSTRIA

DATE:

1 March 2007 | 8:45 – 16:00

CONTACT:

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Participation fee € 100,- (payment via invoice)
Participation, notes, lunch and refreshments included
Students free of charge



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Universität für Bodenkultur Wien
IFA-Tulln | Institut für Umweltbiotechnologie
Konrad Lorenz Straße 20
A-3430 Tulln
AUSTRIA

Bitte ausreichend
frankieren



Workshop 1 March 2007: Implementation of fluidized bed technology for biotechnological applications



The Institute of Environmental Biotechnology at IFA-Tulln is equipped with a fermentation pilot plant, where production processes for microorganisms and their products are developed. The equipment covers all operations that are necessary for fermentation and the recovery and formulation of the products. Since 2005 there is a focus on the application of fluidized bed drying and granulation which has been strongly supported by the local government of Lower Austria.

Our institute is open to different types of cooperation in the field of process development.

This workshop on fluidized bed technology gives us the opportunity to share our experiences and is intended to inform about potential applications of this technology within the field of biotechnology and food production.

Referents

Dr. Markus Neureiter

Diplom-Chemiker Peter F.F. Hirschfeld

Dr.-Ing. Hans Groenewold

Dipl.-Ing. (FH) Michaela Geppl

Manfred Penning

Dr. Gernot Zweytick

Dr. Michael Hutzinger

8:45–9:30 Registration

9:30–9:45 Welcome and introduction

Dr. Markus Neureiter
*Department for Agrobiotechnology, IFA-Tulln
University of Natural Resources and Applied Life Sciences, Vienna
Tulln, Austria*

9:45–10:30 Fluidized bed-technique:
A technology that is constantly adapting to the requirements

Diplom-Chemiker Peter F.F. Hirschfeld
*BPV - Büro für Produkt- und Verfahrensentwicklung
Food-Pharma-Chemie | Freiburg im Breisgau, Germany*

10:30–11:00 Realization of fluidized bed granulation systems –
From first ideas to turnkey production plants

Dr.-Ing. Hans Groenewold
AMMAG GmbH | Gunskirchen, Austria

11:00–11:15 Coffee break

11:15–11:45 Development of bioactive product formulations

Dipl.-Ing. (FH) Michaela Geppl
*Department for Agrobiotechnology, IFA-Tulln
University of Natural Resources and Applied Life Sciences, Vienna
Tulln, Austria*

11:45–13:00 Lunch

13:00–13:45 Visit of the fermentation pilot plant

13:45–14:15 Shellac, a versatile polymer for aqueous
film coating and encapsulation

Manfred Penning
*Technical Consultant
Synthapharm | Mainz, Germany*

14:15–14:45 Fluidized bed applications in food technology

Dr. Gernot Zweytick
*Department of Food Sciences and Technology
University of Natural Resources and Applied Life Sciences, Vienna
Vienna, Austria*

14:45–15:15 Fluid bed technology: Novel approaches
to tomorrow's products

Dr. Michael Hutzinger
INOVA - Hutzinger GmbH & Co KG | Thalheim/Wels, Austria

15:15–16:00 Open forum and final discussion

REGISTRATION

It is required to register for the workshop.

The participation fee is € 100,- and has to be paid via an invoice, which will be mailed after registration. This fee includes participation, notes, lunch and refreshments. All other expenses (e.g. travel, accommodation, etc.) are to be borne by the attendee.

Registration is possible:

- by Mail:
Please send this registration form to the address on the back.
- by Fax:
Please fax this registration form to: +43 (0) 2272 | 662 80 503
- by E-mail:
officecut@boku.ac.at

Name/Surname/Title

Company/Institution

Department

Address

Phone

Fax

E-mail

I am a student and therefore free of charge (student ID-card required).

I want to give a 5 min presentation in the "Open forum".

Topic of my presentation (The organizers reserve the right to select the presentations.)

Date:

Signature: