

Invitation

Researchers with new results/data in areas covering all aspects of the separation and characterization of biochemical compounds using CHT™ Ceramic Hydroxyapatite, Hydroxyapatite, Fluorapatite or other calcium phosphate media or who are developing other apatite based materials are encouraged to submit abstracts for lecture or poster presentation. We are striving to ensure the broadest possible coverage and exchange of recent advances which focus on separation science.

This international meeting brings together many of the world's leading authorities to discuss new advances and applications for separation scientists addressing all issues of separation and analysis of immunoglobulins, enzymes and related biomolecules with modern techniques. Separation from micropreparative to industrial scale will be covered.

Conference Office

DECHEMA e.V.
Attn. Ms. Heike Geiling
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Confirmed Invited Speakers

Use of QSPR and molecular docking simulations for the a-priori prediction of protein affinity in hydroxyapatite system

S. Cramer, Rensselaer Polytechnic Institute, Troy, NY/USA

Investigation of the mechanism responsible for the retention of cationic antibody molecules and corresponding fragments on apatite phases

R. Freitag, University of Bayreuth/D

Virus safety in downstream process of monoclonal antibodies

H. Willkommen, NewLab BioQuality GmbH, Erkrath/D

Properties of new spherical hydroxyapatite particles

S. Kobayashi, Hoya, Pentax Ceramic Division, Tokyo/J

Scale-up of a hydroxyapatite step for the purification of a Fc-fusion protein from lab to manufacturing scale

A. Eon-Duval, Laboratoires Serono SA, Fenil-sur-Corsier/CH

Chemical robustness of ceramic hydroxyapatite as a function of sintering temperature and/or mobile phase conditions

L.J. Cummings, Bio-Rad Laboratories Inc., Hercules, CA/USA

Topics

The Scientific Committee invites you to submit a contribution for an oral or poster presentation on the following topics:

- Fundamentals and action principle of hydroxyapatite and related materials
- MAb purification protocols on apatite materials
- Improved particle morphology
- Strategies for improving column life cycles
- Purification protocols for recombinant proteins, plasmids, peptides and viruses
- Regulatory issues, virus safety updates on packing CHT media
- Updates on Packing CHT media

Scientific Committee

L.J. Cummings, Bio-Rad Laboratories Inc., Hercules, CA/USA (Chairman)

A. Eon-Duval, Laboratoires Serono S.A, Fenil-sur-Corsier/CH

R. Freitag, University of Bayreuth/D

P. Gagnon, Validated Biosystems Inc., San Clemente, CA/USA

A. Jungbauer, University of Natural Resources and Applied Life Sciences, Vienna/A

S. Kobayashi, Hoya, Pentax Ceramic Division, Tokyo/J

T. Lemm, Roche Diagnostics GmbH, Penzberg/D

M.A. Snyder, Bio-Rad Laboratories Inc., Hercules, CA/USA

Submission of abstracts

Oral and poster presentations must be submitted via file upload on the website

www.dechema.de/hydroxyapatite

until April 20, 2009. A template for abstract preparation is also available on the website.

The selection of oral or poster presentations will be based on the review of these abstracts by the committee. Authors will be informed about acceptance of their papers in May 2009.

The book of abstracts and the list of participants will be distributed at the conference.

Please note: Registration fee can not be waived for authors.

Excursion

On Wednesday, **October 14, 2009** a guided tour through the manufacturing facilities of **Roche Diagnostics GmbH** in Penzberg, will be offered for interested participants.

Detailed information will be listed on the conference website. Registration will be available after distribution of the final program in June, 2009. Please note that the number of visitors is limited. Therefore, please register at your earliest convenience.

Conference Venue

Hotel Bachmair am See is one of Germany's most renowned privately owned five star hotels. Charmingly situated at the south-end of Lake Tegernsee amidst the scenic lower Alps, it offers exclusive hospitality and an unforgettable range of wellness, beauty and sports facilities. An eventful and luxurious stay is guaranteed. Hotel information is listed below.

Hotel Bachmair am See

Seestrasse 47

83700 Rottach-Egern/Germany

www.bachmair.de

For detailed information concerning site attractions, Bavarian culture, maps and more, please contact or visit the website.

www.tegernsee.com

Important Dates

April 20, 2009 Deadline for Paper Submission

June 10, 2009 Online Registration open
Program available

In cooperation with:

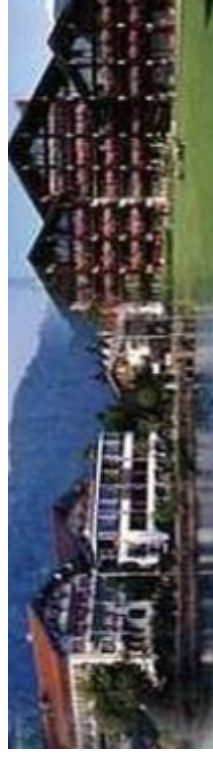
BIO-RAD



DEHEMA e.V.

Biotechnologie

5th Conference on Hydroxyapatite and Related Products: CHT for BioProcessing



October 11-14, 2009

**Hotel Bachmair am See
Rottach-Egern/Germany**

**First Announcement
and Call for Papers**

www.dechema.de/hydroxyapatite