

BIOSPINE 3 – 3rd International Congress “Biotechnologies for Spinal Surgery” September 1st–4th, 2010 Amsterdam, The Netherlands

www.biospine.org

Welcoming address

Dear scientists, industrial partners and colleagues,

By joining the European Network for Regenerative Medicine, the Skeletal Tissue Engineering Group Amsterdam (STEGA) at the Vrije Universiteit Amsterdam has formed a Dutch country chapter of REGENERATE to intensify the scientific exchange between the clinical partners being active in the field of musculo-skeletal diseases in the Regenerate network. To intensify the scientific joint venture STEGA will organize on behalf of REGENERATE the 3rd international congress "Biotechnologies for Spinal Surgery - BIOSPINE 3" in Amsterdam in September 2010.

After 2002 in Halle and 2007 in Leipzig we continue with the idea of evaluating the suitability of developments from the field of biotechnology for use and implementation in spinal surgery.

Osteoinductive materials and growth factors are still the most successful implementation in spinal surgery. Some product lines are already used with the help of mesenchymal stem cells for defect repair. Within the last years the multidisciplinary research and development field of Regenerative Medicine has directed its main activity into translational research bringing the developments into clinical application. In particular in Europe these developments are already used for the benefit of patients.

In the field of spine surgery clinical successes have been made in disc repair and improved bone fusion and mesenchymal stem cells have demonstrated their first successes in regeneration in musculo-skeletal diseases.

Three years after the last meeting in Leipzig we will hold a follow up symposium in Amsterdam. The topic Biotechnologies in Spinal Surgery has created a great interest in our community. We will address cellular therapies, application for growth factors, regeneration and degeneration of intervertebral disc, which have already been topics of previous conferences. More importantly, we wish to join the discussion and offer insight into the fields of embryonic, pluripotent and adult stem cells, skeletal application of polymeres, spinal cord repair and cellular repair strategies. Further advances in nanoparticles for visualisation, smart scaffolds and the opportunities for conservative therapies are critically important to our debate. This conference is pointedly broad in scope and designed to include scientists and medical experts as well as manufacturers. We would hereby like to express to You a warm invitation to BIOSPINE 3 in Amsterdam to join us in exchange and discussion of our findings regarding new products, preclinical and clinical results and planned developments together with scientists, doctors and partners in the industry. We hope to welcome You in Amsterdam!

Yours sincerely,

Barend J. van Royen

Chair

Hans Jörg Meisel

Co-Chair

Organizers

Organizer

Regenerate
European Network for Regenerative Medicine EEIG
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Organizing committee

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Scientific organization

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Program

Topics

- Embryonic, pluripotent and adult stem cells
- Skeletal applications of polymers
- Spinal cord repair
- Regeneration and degeneration of intervertebral disc
- Smart scaffolds
- Cellular therapies
- Application of growth factors
- Nanoparticles for visualisation
- Minimal invasive surgical procedures
- Risk profile for modern therapies/decision making
- Regulatory issues and ethical problems
- Clinical evaluation of innovative spinal therapies
- Opportunities for conservative therapies
- Prevalidation and balance of therapeutical

Keynote Speakers

Kenneth Cheung (Hong Kong, P.R. China)

Marinus De Kleuver (Groningen, The Netherlands)

Alan Grodzinsky (Boston, USA)

Dietmar Hutmacher (Adelaide, Australia)

Daisuke Sakai (Kanazawa, Japan)

John P. Walker (Point Richmond, USA)

Nicole Zur Nieden (Riverside, USA)

Abstract Submission (Deadline: March 31st, 2010)

The Scientific committee invites all participants to submit abstracts for oral or poster presentations 3.

You may only use the online abstract form. Kindly note, that abstracts submitted by fax, e-mail or mail will not be accepted.

All abstracts must be submitted and presented in English. Please have your abstract proofread for grammar and understanding. Abstracts may not be longer than 250 words.

Please, register first to get an account by using the **LOGIN** link.
After your successful Login you will find a new entry in the menu called Abstract Submission.

General Information

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Congress dates

Beginning of the congress: Wednesday, September 1st, 2010, 18:00
End of the congress: Saturday, September 4th, 2010, 12:45

Deadlines

Abstract submission deadline: March 31st, 2010
Early registration deadline: May 31st, 2010

Congress venue

VU University medical center (VUmc)
De Boelelaan 1117
1081 HV Amsterdam
The Netherlands

Congress language

English is the official conference language.

Certification

The congress will be certified.

Exhibitors/Sponsors

Information for sponsors and exhibitors

Pharmaceutical Companies, medical publishers, manufacturers of technical equipment are invited to display their products at the industrial exhibition. Companies and institutions which are interested in sponsoring the congress and/or the exhibition are kindly requested to contact Congrex Deutschland GmbH for more information.

Contact for sponsors and exhibitors

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