

BioSPINE 5

reGenerate

5th International Congress
Biotechnologies
for Spinal Surgery



PRELIMINARY PROGRAMME



APRIL 8–11
BERLIN 2015



Table of Contents

Organisation and Imprint 3

Welcome Note of the Congress Chair 4

Committees 6

Invited Speakers 7

Programme Overview

 Wednesday and Thursday, April 8 and 9, 2015 8

 Friday, April 10, 2015 9

 Saturday, April 11, 2015 10

Social Programme 11

General Information 12

Call for Abstracts 16

Organisation and Imprint

Venue

Langenbeck-Virchow-Haus
Luisenstrasse 58/59
10117 Berlin (DE)

Date

April 8–11, 2015

Organiser

Regenerate Europe e. V.

re^generate

Congress Chair

Prof. h. c. Dr. med. Hans Jörg Meisel
BG Clinic Bergmannstrost
Department of Neurosurgery
Merseburger Strasse 165
06112 Halle/Saale (DE)

Congress Secretaries

Claudia Hoßbach
Yvonne Minkus

Congress Organisation

Conventus Congressmanagement & Marketing GmbH
Nadia Al-Hamadi/Roxelane Görls
Carl-Pulfrich-Strasse 1
07745 Jena (DE)
Phone +49 3641 31 16-315/-312
Fax +49 3641 31 16-243
biospine2015@conventus.de
www.conventus.de

Design/Layout

Layout	www.krea.tif-design.de
Print	www.hesseling-druck.de
Circulation	10.000
Editorial Deadline	September 11, 2014

Welcome Note of the Congress Chair



Dear colleagues and friends,

On behalf of the Board of the European Network for Regenerative Medicine, I am pleased to invite you to Berlin from April 8–11, 2015 to participate in our 5th International Congress on Biotechnologies for Spinal Surgery (BioSpine).

Over the 12 years that have elapsed since launching BioSpine in 2002, the focus on high end development of many new nano- and biotechnology products within the scope of spinal surgery has been extraordinary. Currently, almost all industrial partners have included “BioSpine-Products” in their portfolio. Nevertheless there are still noticeable differences regarding both the quality of academic support and the efficiency of introducing new products to the market. In particular, the clinical knowledge contribution from the medical point of view remains limited and will require ongoing support from the academics as well as from industry to sustain progress and improve therapeutic options.

BioSpine has set itself the task to act as a catalyst between these two groups; to support doctors’ curiosity and demand for new information, and at the same time to request that industrial partners elucidate product information with appropriate scientific scrutiny. Biomaterials in spine surgery have moved far beyond the role of “bone void fillers” like it used to be 10 years ago. That evolution has resulted in products that are now characterized as growth factors, cell products and combined products; each of which might follow various regulations to meet clinical use approval. BioSpine was initiated to give insights into technology development, has the aim to impart understanding and acceptance, but also wants to sharpen a critical view.

Welcome Note of the Congress Chair

BioSpine not only shows openness to the end-consumer, the surgeon, but further recognizes the importance of incorporating the scientist into a common dialogue in order to provide parallel direction for future industrial research.

Science subsists from the lively exchange of information. Join us for this fantastic opportunity, for fruitful conversations, for vigorous discussions and the mutual exchange of knowledge. I cordially invite you all to attend the BioSpine congress and look forward to meeting you in Berlin in April 2015.

On behalf of the Organizing Committee and Advisory Board,

Yours

A stylized, handwritten signature in black ink, appearing to read 'H. Meisel'.

Hans Jörg Meisel, MD

Committees

Organizing Committee

Aldemar Andres Hegewald (Mannheim/DE)

Christoph Josten (Leipzig/DE)

Jean-Charles Le Huec (Bordeaux/FR)

Michael Piccirillo (Zurich/CH)

Michael Rauschmann (Frankfurt a. M./DE)

Advisory Board

Kenneth Cheung (Hong Kong/CN)

Finn Bjarke Christensen (Aarhus/DK)

Lisa Ferrara (Atlanta, GA/US)

Jörg Franke (Dortmund/DE)

Timothy Ganey (Atlanta, GA/US)

Robert Gunzburg (Antwerp/BE)

Marco N. Helder (Amsterdam/NL)*

Frank Kandziora (Frankfurt a. M./DE)

Hans Michael Mayer (Munich/DE)

Björn P. Meij (Utrecht/NL)

Michael Ogon (Vienna/AT)

Varga Péter Pál (Budapest/HU)

Jong-Beom Park (Uijeongbu/KR)

Theodoor H. Smit (Amsterdam/NL)

Petr Suchomel (Liberec/CZ)

Marek Szpalski (Brussels/BE)

Gianluca Vadalà (Rome/IT)

Jeffrey Wang (Los Angeles, CA/US)

Hans Joachim Wilke (Ulm/DE)

Michael Winking (Osnabrück/DE)

* inquired

Invited Speakers

Ulrich Berlemann (Thun/CH)

Timothy Ganey (Atlanta, GA/US)

Roger Härtl (New York, NY/US)

Paul Heini (Bern/CH)

Marco N. Helder (Amsterdam/NL)*

Christoph Josten (Leipzig/DE)*

Björn P. Meij (Utrecht/NL)

Wilco C. Peul (Leiden/NL)

Michael Rauschmann (Frankfurt a. M./DE)

Rui L. Reis (Braga/PT)

Dino Samartzis (Hong Kong/CN)

Dariusz Śladowski (Warsaw/PL)

Claudius Thomé (Innsbruck/AT)

Marianna A. Tryfonidou (Utrecht/NL)

Gianluca Vadalà (Rome/IT)*

Hans-Joachim Wilke (Ulm/DE)

S. Tim Yoon (Atlanta, GA/US)*

* inquired

Programme Overview

	Wednesday, April 8, 2015	
17:00	17:00–17:30	
	Opening	
	17:30–19:00	
	Surgeons and Scientists: A Symbiosis in Spine Research	
19:00	19:00–20:00	
	Welcome Reception	

	Thursday, April 9, 2015	
08:30	08:30–09:30	08:30–09:30
	Quick Fire Session 1	Quick Fire Session 2
09:00		
	Coffee Break	
10:00	10:00–11:00	10:00–13:00
	Best Strategies for the Ageing Spine	Imitating Nature – Innovative Biomaterials and Implants
11:00	Coffee Break	
	11:30–13:00	
	Personalized Medicine – Integrating Patients Biology into Surgical Planning	
12:00		
13:00	Lunch Symposia Poster Exhibition Lunch Break	
14:00		
	14:30–16:00	14:30–17:30
	Animal Models for IVDD	Programme by International Study Groups for Bone and Disc Regeneration
15:00		
16:00	Coffee Break	
	16:30–17:30	
	Reducing Operative Trauma – New Strategies in minimal invasive Spine Surgery	
17:00		

Programme Overview

	Friday, April 10, 2015	
08:30	08:30–09:30	08:30–09:30
	Quick Fire Session 3	Quick Fire Session 4
09:00		
	Coffee Break	
10:00	10:00–11:00	10:00–13:00
	Available Bone Cements – The Surgeons Expertise	Recent Cell Therapies for Intervertebral Disc Regeneration
11:00	Coffee Break	
	11:30–13:00	
	Fusion and Non-Fusion Techniques	
12:00		
13:00	Lunch Symposia Poster Exhibition Lunch Break	
14:00		
	14:30–17:30	14:30–16:00
15:00	The most important Bone Grafts & Biologics – New Approaches to Spinal Fusion	Regulatory Aspects of Biological Therapeutics
16:00		Coffee Break
		16:30–17:30
17:00		What the patient should know – Changes & Risks associated with biological Therapeutics
18:00		
19:00		
19:30	19:30–22:30	
	Social Evening	

Programme Overview

	Saturday, April 11, 2015
08:30	08:30–09:30
	Quick Fire Session 5
09:00	
	Coffee Break
10:00	10:00–11:30
	Treatment of Annulus Fibrosus Defects
11:00	
	Coffee Break
12:00	12:00–13:30
	Nucleus Pulposus Implants
13:00	
	13:30–14:00
	Award Ceremony
14:00	14:00–14:30
	Summary & Farewell

Key

- Keynote BioSpine
- Spine Session
- Workshop
- Panel Discussion
- Quick Fire Session
- BioSpine Session
- International Study Groups
- Social Programme

Social Programme

Welcome Reception

Right after the exciting panel discussion we would like to invite you to our Welcome Reception with some drinks and snacks within the industrial exhibition.

Chatting, relaxing, amusing – enjoy a networking evening in a relaxed atmosphere!



© CandyBox Images

Date	Wednesday, April 8, 2015
Time	from 19 ⁰⁰ hrs
Location	Industrial exhibition (venue)
Fee	included, accompanying person 15 EUR

Social Evening

The Social Evening takes place at the "Ballhaus Berlin", an antique ballroom building in the capital.

With its ornate chandeliers, beautiful stucco works and the still functioning desk telephones you will become relegated to the swinging 50s.

We invite you to join a memorable evening in a nostalgic atmosphere and enjoy a delicious buffet with colleagues and friends.



© Angela Kroell

Date	Friday, April 10, 2015
Time	from 19 ³⁰ hrs
Location	Ballhaus Berlin Chausseestrasse 102 10115 Berlin (DE)
Fee	75 EUR

General Information

Registration

Registration for the congress is required. Please register online at www.biospine.org. Registration can also be made via fax or mail.

Registration Fees

	Early Bird until Jan 4, 2015	Regular Registration from Jan 5, 2015
Regular	550 EUR	600 EUR
Postgraduate Student*	400 EUR	450 EUR
Undergraduate Student*	200 EUR	250 EUR

Welcome Reception, April 8, 2015

Participant included

Accompanying Person 15 EUR

Social Evening, April 10, 2015 75 EUR

* Please send a confirmation of your status either to registration@conventus.de
Fax +49 3641 31 16-244 or by mail to Conventus GmbH indicating the
keyword: BioSpine 2015 • Carl-Pulfrich-Strasse 1 • 07745 Jena (DE).

Payment and Confirmation of Payment

An invoice or confirmation of registration will be sent to you via postal or electronic mail within 14 days. This invoice is a valid invoice which may be submitted to the local tax and revenue office. All fees are due upon receipt of invoice/registration confirmation. Payment transfers must include participant's name and invoice number. Payment is also accepted by credit card (Master-/Eurocard, American Express, VISA).

General Terms and Conditions

Please find our General Terms and Conditions at www.biospine.org.

Accommodation

We reserved a contingent of rooms at special rates in different categories.

Further information on accommodation is provided at www.biospine.org.

Travel to Berlin

Lufthansa Group Ticket

Partner Airlines offer a comprehensive global route network linking major cities around the world. We offer special prices and conditions to participants, visitors, exhibitors, invited guests as well as employees of the Contracting partner and their travel companions.



To make a reservation, please click on www.lufthansa.com/event-booking_en and enter the access code **DEZEMGD** in the "Access to Your Special Lufthansa Offer" area. This will open an online booking platform that will automatically calculate the discount offered or provide you with an even better offer if another promotional fare is available. NOTE: Pop-ups must be enabled otherwise the booking platform window will not open.

These promotional fares are also available through your IATA/ARC travel agent. Travel agents can obtain ticketing instructions by sending an email to lufthansa.mobility@dlh.de and providing the access code as a reference.

DB German Rail Event Ticket

In cooperation with DB German Rail and Conventus you travel safely and conveniently to the BioSpine 2015.



The price for your event ticket of a return trip* to Berlin is:

2 nd class	99 EUR (for a defined train connection)
1 st class	159 EUR (for a defined train connection)

2 nd class	139 EUR (for all trains)
1 st class	199 EUR (for all trains)

*Changes and reimbursement before the first day of validity are 15 EUR excluded from the first day of validity onwards. Passengers restrict themselves to a particular train and travel times.

Please find more detailed information on conditions and booking at www.biospine.org.

General Information

Certification

An application will be made at the European Accreditation Council for Continuing Medical Education (EACCME) for European CME credits (ECMEC) for the 5th International Congress on Biotechnologies for Spinal Surgery (BioSpine).

Internet Corner & WIFI Access

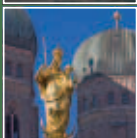
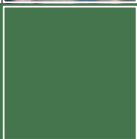
Vouchers for WIFI can be purchased at the Check-In. Computers with internet connection are available for congress participants in the speakers' ready room.

Congress Language

The congress language is English.

Let us exchange all your goals and expectations for your next congress!

www.conventus.de

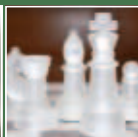
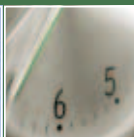


CONVENTUS

- Congressmanagement & Marketing GmbH -

A partner you can count on!

- Adept project management
- Profound analysis and evaluation
- Top-quality industrial contacts
- Strategic marketing
- Specialised address databases
- Transparent budgeting
- Professional on-site support
- Experienced contract and tax handling for institutions and societies
- State-of-the art software usage



**conventus (lat.) = Coming together,
Congress, Convention**

Call for Abstracts

We cordially invite you to submit your contributions to the 5th International Congress on Biotechnologies for Spinal Surgery. Abstracts have to be submitted online at www.biospine.org. We rely on your support which will make this meeting a success!

Deadline for abstract submission is November 15, 2014!

Abstract Topics

- anterior cervical decompression and fusion: autograft, allograft, synthetic cages and DBM
- chances and risks associated with biologic therapies
- growth-controlling and directing of the adolescent spine
- imitating nature – innovative biomaterials and implants
- implant surface and fusion
- intervertebral disc & bone biology
- minimally invasive approaches to interbody fusion
- nanotechnology and spine
- personalized medicine – integrating patients biology into surgical planning
- recent cell therapies for intervertebral disc regeneration
- robotics in spine surgery
- the best strategies for the ageing spine
- the most important bone grafts and biologics
- the role of cytokines for natural growth and repair in the spine
- therapeutic options for regeneration of neurogenic tissue (after SCI)
- free topic

Publication of Abstracts

It is aimed to publish all abstracts of BioSpine 2015 in an issue of the journal "European Spine Journal".

Awards Poster Prizes

All posters will be rated according to scientific basis and visual appearance during the poster sessions. The best poster will be rewarded with 1.000 EUR, the 2nd and 3rd place with 500 EUR each.

APRIL 8–11
BERLIN 2015

