

www.baltic-summeracademy.com



REGISTRATION FORM

Please use this registration form for fax (+49 (0)381. 128 94 79) or registrate at the website www.baltic-summeracademy.com

Title:
 Degree:
 First name:
 Last name:
 Institute:
 Address:
 Postal/ Zip, City:
 Country:
 Phone:
 E-Mail:

I will arrive: alone
 with person/s

CONGRESS FEE // PAYMENT

Early Bird	till 15.06.2013	150 Euro
Payment	before and till 06.09.2013	200 Euro
Payment	on-site	250 Euro

Registration fee will be paid to the following bank account:

Dr. Robert Uhde
 Account number: 0112655600
 Bank: Deutsche Bank
 Bank ID (BLZ): 130 70024
 Specify for: Baltic Summer Academy 2013

CONGRESS OFFICE

SPHINX ET

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CONFERENCE SITE



VENUE // ADRESS // CONTACT

The Radisson BLU Hotel, Rostock is conveniently located in the heart of the city and offers fabulous views of the city's harbour. The hotel is just 1 kilometre from the train station, while trams and buses stop right outside the hotel. Rostock-Laage Airport is just 35 kilometres away while the Hamburg International Airport is 190 kilometres from the hotel. The city of Rostock is just a short journey to the unspoilt coastline of Warnemünde with its open sandy beach. Boats from Scandinavia and the Baltic States arrive at the Rostock international harbour

every day, and Rostock-Warnemünde is a popular stop for cruise ships sailing along Germany's Baltic Coast.

Note: Advance booking is highly recommended.

RADISSON BLU HOTEL ROSTOCK

Lange Straße 40 | 18055 Rostock | Germany
 phone: +49 (0)381 375 00

e-mail: axel.behrendt@radissonblu.com

web: www.radissonblu.com

FACTS FOR THE TRAVELLER

AIR TRAVEL

Some regional airlines serve the local airport at Rostock-Laage, but most large airlines serve the airport in Hamburg and Berlin. From the airport Rostock-Laage shuttle busses go to the central bus station next to the railway station. At the Rostock main railway station there will be the tramway 5 or 6 to Rostock „Kröpeliner Tor“ running nearly every 15 min at day time with a break between 1:00 am and 4:00 am.

FERRY TRAVEL

Ferries go from Helsinki (Finland), Trelleborg (Sweden) and Gedser (Denmark). For further information visit the homepage of Scandlines Deutschland GmbH.

CAR TRAVEL

Comming from the south of Germany traveling in direction Berlin (beltway west). Change from beltway to A24 direction Hamburg/Rostock for 60km. At the junction Wittstock/Dosse change from A24 onto the A19 in direction Wittstock, Rostock via A19. Follow the A19 to exit Rostock-Süd. After leaving the A19, follow the signs to Rostock-City.

TRAIN

From Hamburg: Most trains from Hamburg go directly to Rostock. Travelling time is about 2h 15min and the costs are about 31.- EUR. **From Berlin:** Leaving from Berlin-Lichtenberg or Berlin-Zoologischer Garten trains go directly to Rostock. Traveling time is about 2h 45min and tickets cost 30-35.- EUR.

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BALTIC SUMMER ACADEMY 2013
 07th September 2013 // Radisson Hotel // Rostock // Germany

Cardiac Surgery // Faculty of Medicine // University of Rostock

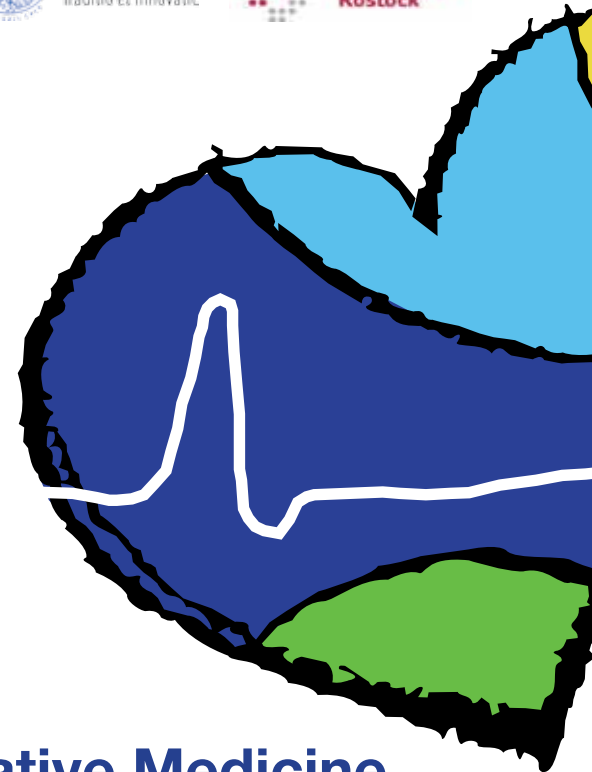
Universität
Rostock



Traditio et Innovatio



Universitäres
Herzzentrum
Rostock



Regenerative Medicine in Cardiac Surgery



Prof. Dr. Gustav Steinhoff, PD Dr. Alexander Kaminski, Prof. Dr. Robert David
 Department of Cardiac Surgery, University of Rostock

TERUMO MAQUET Edwards Lifesciences MACS Miltenyi Biotec

LEONETHICS ETHICON Sorin Group Medtronic Nicolai St. Jude Medical



DEAR COLLEAGUES

Cardiac surgery is a fastly changing field of specialized medicine exposing high challenges in specialist training and innovation activity. The 12th conference of the BSA 2013 will address this field focussing Regenerative Medicine prone to make changes in treatment strategies and technologies. The field is emerging and gets major attention from young researchers and clinicians to lead the development to improved patient outcomes in cardiac surgery and intervention. The meeting between experts in the field and young researchers is held this year again in the Radisson Blue Hotel located in the center of the hanseatic Rostock city. The symposium is intended as a small but high-end meeting to discuss new and interdisciplinary developments in cardiac surgery. We cordially invite you to Rostock and hope you will enjoy an extraordinary scientific program.

Yours,
Prof. Dr. med. Gustav Steinhoff
PD Dr. med. Alexander Kaminski
Prof. Dr. rer. nat. Robert David

FACULTY

Amit N. Patel, M.D., B.S., M.S. Director of Clinical Regenerative Medicine and Tissue Engineering Ass.Professor of Cardiothoracic Surgery University Hospital Salt Lake City, USA	Gustav Steinhoff, M.D. Professor of Cardiac Surgery Department for Cardiac Surgery University Medicine Rostock Rostock, Germany	Alexander Kaminski, M.D. Ass. Professor of Cardiac Surgery Department of Cardiac Surgery University Medicine Rostock Rostock, Germany
Giuseppe Faggian, M.D. Professor of Cardiac Surgery Department of Cardiac Surgery, University of Verona Verona, Italy	Brigitte Vollmar, M.D. Professor of Experimental Surgery Institute of Experimental Surgery Rostock, Germany	Hueseyin Ince, M.D. Ass. Professor of Cardiology Department of Internal Medicine University Medicine Rostock Rostock, Germany



PROGRAM
SATURDAY, SEPTEMBER 7, 2013

SESSION I – STEM CELLS

Chair: A. Kaminski

08:30 – 09:00	G. Steinhoff , Rostock	Application of stem cells in cardiac surgery
09:00 – 09:30	A. Patel , Utah (USA)	Regenerative technologies in cardiac surgery
09:30 – 10:00	R. David , Rostock	Regulation of cardiac cell differentiation
10:00 – 10:15	J. Jung , Rostock	Directed forward programming of pluripotent stem cells towards pacemaker cells using the transcription factor Tbx3
10:15 – 10:30	C. Lang , Munich/Rostock	Positron Emission Tomography Based In-vivo Imaging of Early Phase Stem Cell Retention after Intramyocardial Delivery in the Mouse Model

10:30 – 11:00 coffee break

SESSION II – EVOLVING STRATEGIES IN CARDIAC SURGERY

Chair: G. Steinhoff

11:00 – 11:30	G. Faggian , Verona	Aortic surgery: Reconstructive and regenerative concepts
11:30 – 12:00	H. Ince , Rostock	Interventional Cardiac Surgery: An interventionalist's view
12:00 – 12:30	A. Kaminski , Rostock	Interventional Cardiology: A surgeon's view

12:30 – 13:30 Lunch break

SESSION III – REGENERATIVE STRATEGIES

Chair: R. David

13:30 – 14:00	B. Vollmar , Rostock	Erythropoetin and dermal wound healing
14:00 – 14:30	A. Patel , Utah (USA)	SDF-1 and sternal wound healing
14:30 – 14:45	C. Klopsch , Rostock	Erythropoetin and cardiac repair
14:45 – 15:00	P. Donndorf , Rostock	Quantification of the in vivo migratory capacity of human CD133+ bone marrow stem cells after intraoperative harvesting from the sternal bone marrow

15:00 – 15:30 coffee break



SESSION IV – HEART VALVE TISSUE ENGINEERING: EMERGING TECHNOLOGIES

Chair: A. Kaminski

15:30 – 15:45	C. Klopsch , Rostock	Cell seeding technologies in heart valve tissue engineering
15:45 – 16:00	I. Sabel , Munich	Tissue engineered transcatheter heart valves after crimping and perfusion
16:00 – 16:15	T. Mayer , Munich	Influence of different fixatives on the mechanical properties of cell-seeded scaffolds
16:15 – 16:30	N. Haller , Munich	Conditioning of colonized homografts for a time period of 12 days under sterile and controlled conditions
16:45 – 17:00	S. Eilenberger , Munich	Mechanical integrity of decellularised, stented and re-seeded human aortic valves after crimping and perfusion
17:00 – 17:15	A. Erle , Ulm	Co-cultures of cardiomyocytes and bone marrow mesenchymal stromal cells: modelling myocardial MSC integration

Closing comments: G. Steinhoff, A. Kaminski, R. David

SOCIAL PROGRAM

t.b.a.

HOTELS



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