

## FACULTY

**Akbar**, Heidelberg, Germany  
**Disch**, Dresden, Germany  
**Fehlings**, Toronto, Canada  
**Franke**, Magdeburg, Germany  
**Gasbarrini**, Bologna, Italy  
**Gebauer**, Berlin, Germany  
**Hofbauer**, Dresden, Germany  
**Hoffmann**, Dresden, Germany  
**Kawahara**, Kanazawa, Japan  
**Kunitz**, Berlin, Germany  
**Laufer**, New York City, USA  
**Liljenqvist**, Münster, Germany  
**Lohaus**, Dresden, Germany  
**Luzzati**, Milano, Italy  
**Quraishi**, Birmingham, UK  
**Reeps**, Dresden, Germany  
**Reynolds**, Oxford, UK  
**Rhines**, Houston, USA  
**Ringel**, Mainz, Germany  
**Rose**, Rochester, USA  
**Ruf**, Karlsbad-Langensteinbach, Germany  
**Schackert**, Dresden, Germany  
**Schären**, Basel, Switzerland  
**Schaser**, Dresden, Germany  
**Schultheiss**, Ulm, Germany  
**Stulik**, Prague, Czech Republic  
**Synowitz**, Kiel, Germany  
**Trampuz**, Berlin, Germany  
**Varga**, Budapest, Hungary

## GENERAL INFORMATION

### VENUE

Hilton Dresden  
 An der Frauenkirche 5  
 01067 Dresden, Germany  
[www.hiltonhotels.de/deutschland/hilton-dresden](http://www.hiltonhotels.de/deutschland/hilton-dresden)

### SCIENTIFIC PROGRAM COMMITTEE

Prof. Dr. med. Klaus-Dieter Schaser  
 Prof. Dr. med. Alexander C. Disch  
 Universityhospital Carl Gustav Carus Dresden  
 University Centre for Orthopaedics & Trauma Surgery

### CALL FOR ABSTRACTS

We cordially invite you to submit an abstract (in English only), which can be presented as oral presentation during the meeting. Please e-mail your abstract as an attachment file in MS Word to: [alexander.disch@uniklinikum-dresden.de](mailto:alexander.disch@uniklinikum-dresden.de), ensuring that your e-mail is clearly marked "Abstract submission 5<sup>th</sup> International Spine Tumor Days" (abstract acknowledgment via e-mail). The instructions for abstract submission are available on the conference website: [www.spine-tumor.com](http://www.spine-tumor.com)

**Abstract submission deadline: May 29, 2018**

### CONFERENCE LANGUAGE

The official congress language is English.

### JOURNEY

From Dresden Klotzsche Airport please follow the signs for city center ("Zentrum"), then walk across the Carola Bridge. Turn left at first traffic lights and follow signs to the Hilton Dresden hotel. If you are using a GPS device, please use "Brühlsche Gasse" as your destination.

### HOTEL

Room reservations are in the responsibility of the attendees. For additional hotel recommendations see also [www.spine-tumor.com](http://www.spine-tumor.com).

### For any further information or help please contact:

#### Conference Organisation

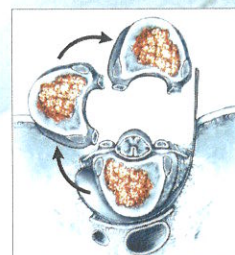
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# 5<sup>TH</sup> INTERNATIONAL SPINE TUMOR DAYS

**June 29–30, 2018**  
**Dresden, Germany**

## Complications in Spine Tumor Surgery



## DESCRIPTION OF THE MEETING

The success and efficiency of oncological and surgical treatment for spinal column tumors is closely related to the avoidance and – in the case of their appearance – immediate and appropriate reaction on surgical complications. Although the scopes of diverse surgical interventions may be different, the range and grade of intraoperative complications are quite comparable in metastatic and primary tumors. The incidence is more related to extensive procedures and compared to conventional spine surgery negatively triggered by patient associated factors, e.g. type of underlying malignancy, previous radiation or systemic chemotherapy. A variety of proven algorithms but also individual surgical skills, personal experience and infrastructural prerequisites are mandatory for sufficient management of such adverse events.

To allow postoperative healing at the surgical site temporary suspension of relevant systemic therapy following surgery is necessary. Any complicated postoperative course may result in a morbidity increase with the burden of serial revision surgeries, an impairment of immune status, consecutive further delay in adjuvant therapies, and an inevitably decreased overall survival. The **2018 INTERNATIONAL SPINE TUMOR DAYS** in Dresden will focus on the avoidance and management of complications in interdisciplinary therapy of spinal tumors. The different perspectives are expected to increase in particular the spine tumor surgeon's awareness of minor as well as feared complications and how to prevent and manage them effectively.

We are looking forward to welcome you in Dresden!

Prof. Dr. med. Klaus-Dieter Schaser  
 Prof. Dr. med. Alexander C. Disch

Universitätsklinikum Carl Gustav Carus  
 University Centre for Orthopaedics  
 & Trauma Surgery



## FRIDAY, JUNE 29<sup>TH</sup>

TOPIC	FACULTY/SPEAKER	TIME (+ discussion)
Registration		7:30
Welcome – 5 <sup>th</sup> International Spine Tumor Days	Schaser/ Disch	8:35 10 min
<b>Session I</b> Risks of Preoperative Intervention and Imaging of Postoperative Complications. Moderators: Schackert/Rhines		
<i>"You don't get another chance, life is no Nintendo game"</i> Eminem, <i>Love the way you lie</i> Correctly performed biopsy of solitary spinal lesions: pitfalls, errors and guidelines	Akbar	8:45 10 + 5 min
<i>"Without you I cannot be, with you I am alone too"</i> Rammstein, <i>Without you</i> Efficacy and risks of preoperative embolization of spinal tumors	Hoffmann	9:00 10 + 5 min
<i>"All I really need is to know that you believe ..."</i> Prince, <i>I Would Die 4 U</i> Diagnostic imaging of complications in the postoperative spine: detection of recurrency, infection and hardware malpositioning/failure	Gebauer	9:15 10 + 5 min
Coffee Break		9:30 – 9:50
<b>Session II</b> Surgery I – Approaches and Resection Techniques. Moderators: Laufer/Disch		
<i>"Even a blind man knows when the sun is shining"</i> Grateful, <i>Dead Good Lovin</i> How safe are percutaneous radiofrequency ablations of spinal tumors: predictability, outcome and adverse events	Franke	9:50 10 + 5 min
<i>"I think I sprained my brain"</i> ZZ Top, <i>Planet of Women</i> Perioperative outcomes and complications following MIS for spinal metastatic patients	Disch	10:05 10 + 5 min
<i>"With the lights out its less dangerous"</i> Nirvana, <i>Smells Like Teen Spirit</i> Vertebral artery injury revisited: intra- and perioperative management and complication avoidance	Stulik	10:20 10 + 5 min
<i>"Even the people who never frown, eventually break down"</i> Linkin Park, <i>Pushing Me Away</i> Intra- and postoperative complications in anterior approaches to the thoracolumbar spine	Liljenqvist	10:35 10 + 5 min
<i>"Time can bring you down, time can bend your knees"</i> Eric Clapton, <i>Tears In Heaven</i> Anterior fusion needed: management of spinal reconstruction failure/cage subsidence in long term survivors after multisegmental resection	Ruf	10:50 10 + 5 min
<i>"Every wave is new until it breaks"</i> Neil Young, <i>Rapid Transit</i> Proton beam therapy combined with spine tumor surgery: factors influencing effectiveness	Lohaus	11:05 10 + 5 min
Coffee Break		11:20 – 11:40

### Session III Complications of Adjuvant Therapy. Moderators: Varga/Kawahara

<i>"Some die just to live"</i> Eddie Vedder, <i>Immortality</i> Severity of chemotherapy-induced toxicity in sarcoma patients: are there predictive factors?	Kunitz	11:40 10 + 5 min
<i>"Secret thinker sometimes listening aloud"</i> David Bowie, <i>Win</i> How can we optimize patients' condition prior to spine tumor surgery?	Schären	11:55 10 + 5 min
<i>"I can't live with or without you"</i> U2, <i>The Joshua Tree</i> Risks and benefits of bisphosphonates or denosumab in patients with spinal metastases: finding a balance?	Hofbauer	12:10 10 + 5 min
<b>Key note lecture:</b> <i>"Is a dream a lie if it don't come true?"</i> Bruce Springsteen, <i>The River</i> Outcomes and complications of biological reconstructions following spinal and/or sacral tumor resections	Rose	12:25 25 + 5 min
Lunch Break		12:55 – 13:55
<b>Session IV</b> Surgery II – Resection and Dura/Vessel Management. Moderators: Liljenqvist/Quraishi		
<i>"Oh, it's nobody's fault but mine"</i> Led Zeppelin, <i>Presence</i> Complication avoidance and management with CSF leakage due to thecal sac injury and inadvertent dual tear	Ringel	13:55 10 + 5 min
<i>"Don't have to be cool, to rule my world"</i> Prince, <i>Kiss</i> Which factors dictate major surgical complications for intradural extra-/intradural spinal tumors	Synowitz	14:10 10 + 5 min
<i>"... many times I've listened, many times I've wondered how much there is to know"</i> Led Zeppelin, <i>Over the hills and far away</i> Tips and Tricks for prevention of neurological injury during spinal tumor resections: only reacting to monitoring changes...?	Gasbarini	14:25 10 + 5 min
<i>"People think I'm crazy, but I'm in demand."</i> Ozzy Osbourne, <i>Flying High Again</i> Anterior involvement/encasement of large vessels patients with solitary spinal tumors: surgical feasibility vs. oncological usefulness	Schaser	14:40 10 + 5 min
<i>"There is no pain, you are receding"</i> Pink Floyd, <i>Comfortably Numb</i> Preservation or ligation of spinal arteries in multisegmental en bloc excisions: an (un)necessary compromise?	Kawahara	14:55 10 + 5 min
<i>"I'm always blaming you, but what's sad, you're not the problem"</i> Kanye West, <i>Real Friends</i> "Why me, why now?": management of intraoperative haemorrhage and vascular injury during/after spinal procedures	Reeps	15:10 10 + 5 min
Coffee Break		15:25 – 15:40
<b>Session V: Abstract Session</b> <i>"Even the losers get lucky sometimes"</i> Tom Petty, <i>Even The Losers</i> . Moderators: Ruf/Schären		15:40 – 16:45
A1–A8		each 5 + 3 min
Dinner		19:30

## SATURDAY, JUNE 30<sup>TH</sup>

### Session VI Surgery III – Reconstruction and Fixation Failures. Moderators: Reynolds/Rose

<i>"Behind every beautiful thing, there's some kind of pain"</i> Bob Dylan, <i>Not Dark Yet</i> Wound failure and soft tissue defects following spinal tumor surgery: why should we have a low threshold to involve plastic surgeons?	Rhines	9:00 10 + 5 min
<i>"So Lord, won't you buy me a Mercedes Benz..."</i> Janis Joplin, <i>Mercedes Benz</i> 2D-/3D-imaging and navigation-assisted excision techniques at the spine and sacrum: hype or hope?	Schultheiss	9:15 10 + 5 min
<i>"Fall mountains, just don't fall on me"</i> Jimi Hendrix, <i>If 6 Was 9</i> Occurrence of perioperative complications in the treatment of multisegmental en bloc resections	Luzzati	9:30 10 + 5 min
<i>"You can neither win nor lose, if you don't run the race"</i> David Bowie, <i>Love my way</i> How to recognize and respond to complications of sacral tumor resections	Varga	9:45 10 + 5 min
<b>Key note lecture:</b> <i>"What the hell we are fighting for?"</i> Queen, <i>Hammer to Fall</i> Risk factors for local recurrence of surgically treated spinal metastases	Fehlings	10:00 25 + 5 min
Coffee Break		10:30 – 11:00
<b>Session VII</b> Morbidity & Outcome. Moderators: Luzzati/Fehlings		
<i>"Just because you can't see anything, doesn't mean you should close your eyes"</i> Ray Charles Postoperative infection following spinal tumor resection: - the surgeons perspective - the clinical microbiologist view	Luzzati/ Traimpuz	11:00 10 + 5 min
<i>"I'm not afraid of dying, I'm afraid of not trying"</i> Jay-Z, <i>Beach chair</i> Complications and their avoidance in lumbar-sacral chordoma	Reynolds	11:15 10 + 5 min
<i>"Dreams, they complicate my life"</i> REM, <i>Get Up</i> Local disease control for spinal metastases following „separation surgery“ and adjuvant stereotactic radiosurgery: outcome analysis	Laufer	11:30 10 + 5 min
<i>"Life is ours, we live it our way"</i> Metallica, <i>Nothing else matters</i> Predictors of quality of life improvement after surgery for metastatic tumors of the spine: prospective cohort study	Quraishi	11:45 10 + 5 min
<b>Summary &amp; Farewell</b> "Dresden calling" – announcement of the 6 <sup>th</sup> STD		12:00
<b>End of the meeting</b>		12:15

## REGISTRATION

Please register online at [www.spine-tumor.com](http://www.spine-tumor.com).

### REGISTRATION FEES

Conference program	until June 11	from June 12
Full Delegate Registration	275 €	325 €
Student day ticket June 29	100 €	125 €
Student day ticket June 30	100 €	125 €
Regular day ticket June 29	175 €	225 €
Regular day ticket June 30	175 €	225 €

### SOCIAL PROGRAM

Symposium dinner June 29 for Participants	15 €
Symposium dinner June 29 for Accompanying person	60 €

## SPONSORS & EXHIBITORS

A big Thank You to the current sponsors, exhibitors and partners, without whom we would not be able to organize the 5<sup>th</sup> INTERNATIONAL SPINE TUMOR DAYS in such a high quality.

For detailed information regarding all sponsors and exhibitors of the meeting please visit [www.spine-tumor.com/sponsorship-exhibition/industrial-exhibition](http://www.spine-tumor.com/sponsorship-exhibition/industrial-exhibition)