

re<sup>g</sup>enerate

# BIO SPINE

## 7<sup>th</sup> International Congress on Biotechnologies for Spinal Surgery

**ABSTRACT SUBMISSION  
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# Rome

April 3–5, 2019

Auditorium Antonianum  
Viale Manzoni, 1

[www.biospine2019.org](http://www.biospine2019.org)



Dear colleagues and friends,

it is a great pleasure to announce that **7<sup>th</sup> International Congress on Biotechnologies for Spinal Surgery (BioSpine7) will be held in Rome, Italy, on April 3<sup>rd</sup>-5<sup>th</sup>, 2019.**

The meeting will focus on the novel biotechnologies applied within the spine field, promoting mutual collaboration between different specialists and scientists of the spine community.

The main topic of the meeting will be innovative biotechnologies employing new nanoscaffolds, growth factors, cell products, tissue engineering products, polymer innovation, modified metal surfaces and new bioactive implants. Moreover, novel minimally invasive spine surgery techniques, navigation and robotics will also be part of the exciting program of BioSpine 7. Specific sessions will be dedicated to debate on hot topics in the fields such as stem cells for disc regeneration and working groups presentation for promoting international networking.

### **Main Topics:**

- Cell therapies for intervertebral disc regeneration
- Growth factors in spinal fusion and disc regeneration
- Annulus fibrosus repair
- Minimally invasive spinal surgery (MISS)
- Autograft, allograft, metal and polymeric cages for spinal fusion
- Disc degeneration
- Cervical decompressions and fusion
- Robot and Navigation in spine surgery
- Minimally invasive approaches for adult scoliosis treatment
- Spinal cord repair/regeneration

The 7<sup>th</sup> edition of BioSpine will be held for the first time in Rome, the Eternal City. Founded nearly 3,000 years ago, the city is renowned for its ancient ruins, classical architecture, renaissance palazzos and baroque fountains. Rome is a vibrant, cosmopolitan city and will provide an elegant backdrop for the BioSpine 7. As the saying goes 'all roads lead to Rome' and the conference will bring together delegates from all over the world providing an abundance of scientific and networking opportunities, not to mention the chance to explore one of the most fascinating cities on Earth. The congress venue is Auditorium Antonianum, located in heart of Rome next to the main train station, near Colosseum and the historic and cultural areas. Auditorium Antonianum is a historical venue as it is part of the Pontifical University.

We offer you our warmest welcome and hope to make the BioSpine 7 in Rome a memorable experience for you.

With our best regards,



**Vincenzo Denaro**  
BioSpine Chair



**Gianluca Vadalà**  
BioSpine Chair



**Hans Jörg Meisel**  
Regenerate President



**Marianna Tryfonidou**  
Scientific Coordinator





## Organising committee

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Wednesday, April 3	Thursday, April 4	Friday, April 5
<b>09.00-09.20 - Introduction</b>	<b>09.00-09.40 - Quick fire session</b>	<b>09.00-09.50 - Quick fire session</b>
<b>09.20-11.00 - BioSpine session</b>		
Disc regeneration	<b>09.40-11.05 - AOSpine joint session</b>	<b>09.50-11.10 - BioSpine session</b>
	New MRI analysis for disc de/regeneration	Spinal cord repair/regeneration
Coffee break, poster & industrial exhibition	Coffee break, poster & industrial exhibition	Coffee break, poster & industrial exhibition
<b>11.15-13.00 - ORS Spine section joint session</b>	<b>11.20-13.00 - BioSpine session</b>	<b>11.25-13.00 - NSpine joint session</b>
Disc degeneration	Biomaterials for spine surgery	Robotics and navigation in Spine Surgery
Lunch break, poster & industrial exhibition	Lunch break, poster & industrial exhibition	Lunch break, poster & industrial exhibition
<b>14.00-14.40 - Quick fire session</b>	<b>14.00-15.35 - BioSpine session</b>	<b>14.00-17.00 - SATELLITE SYMPOSIUM</b>
	Cell therapy	ReSpine project
<b>14.40-16.00 - BioSpine session</b>		
Spinal Fusion	Coffee break, poster & industrial exhibition	
	<b>15.50-17.00 - SICV&amp;GIS joint session</b>	
Coffee break, poster & industrial exhibition	Minimally invasive approaches for adult scoliosis treatment	
<b>16.15-17.00 - Debate session</b>		
Minimally Invasive spine surgery	<b>17.00-18.00 - Debate session</b>	<b>17.00 - Summary and farewell</b>
	Disc regeneration: Do we really need cells for disc regeneration?	
<b>17.00-18.00 - Working group session</b>		
H2020 project iPSpine	<b>18.00-18.40 - Working group session</b>	



# BIOSPINE

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for Spinal Surgery

## Satellite Symposium:

# ReSpine Symposium

April 5, 2019

**AUDITORIUM ANTONIANUM**

14:00-17:00

**FREE REGISTRATION**



### Organising Secretariat



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