BONESUPPORT™ and Lund University to present at Orthopaedic Research Society (ORS) 2019 Annual Meeting

Lund, Sweden, 08.00 CET, 1 February 2019 – BONESUPPORT™, an emerging leader in orthobiologics for the management of bone voids, today announces two oral presentations, and three poster presentations at the upcoming Orthopaedic Research Society (ORS) 2019 Annual Meeting. The meeting takes place from February 2-5 at the Austin Convention Center in Austin, Texas and is the leading global forum for the presentation of high-quality, innovative orthopaedic research.

The research to be presented was carried out by Lund University in Sweden and BONESUPPORT™. Professor Lars Lidgren at Lund University commented: “We are pleased to complement data to be presented by BONESUPPORT on the elution of the antibiotics Gentamicin and Vancomycin from the bone graft substitute CERAMENT® with important new findings. Our studies, performed in international collaboration, highlight the benefits of using an effective carrier platform. We find that controlled sustained local delivery of active drugs enhance bone repair and improve implant anchorage”.

BONESUPPORT CMO Dr. Michael Diefenbeck said: “The research on the CERAMENT platform by Lund University and their international co-workers reaffirms our confidence in the potential of our preclinical pipeline, focused on exploiting the drug eluting properties of CERAMENT based carriers, in meeting global unmet needs in both fracture repair and prevention. The potential of CERAMENT to elute different bone active drugs are clearly shown by the work from Lund University”

The details of the presentations are as follows:

**Oral presentation:**

Deepak Bushan Raina¹, Irfan Qayoom², David Larsson¹-³ Ming Hao Zheng⁴, Ashok Kumar², Hanna Isaksson¹,⁵, Lars Lidgren¹, Magnus Tägil¹

Guided Tissue Engineering of the Cortical and Cancellous Bone

¹Orthopedics, Lund University, Sweden
²Department of Biological Sciences and Bioengineering, Indian Institute of Technology Kanpur, Kanpur, UP, India
³Medical Faculty, Umeå University, Sweden
⁴Health and Medical Sciences, University of Western Australia, Australia
⁵Biomedical Engineering, Lund University, Sweden

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e-Poster with oral presentation
Deepak Bushan Raina¹, David Larsson¹,², Erdem Aras Sezgin¹, Hanna Isaksson¹,³, Magnus Tägil¹, Lars Lidgren¹

Biomodulated Implant Increases Bone Formation and Integration
¹Orthopedics, Lund University, Sweden
²Medical Faculty, Umeå University, Sweden
³Biomedical Engineering, Lund University, Sweden

Poster presentation:

Irfan Qayoom¹, Deepak Bushan Raina², Prem Anand Murugan¹, Magnus Tägil², Matheshwaran Saravanan¹, Lars Lidgren², Ashok Kumar¹
Local drug delivery in bone tuberculosis using an injectable biphasic calcium sulphate hydroxyapatite bone cement as a carrier
¹Department of Biological Sciences and Bioengineering, Indian Institute of Technology Kanpur, Kanpur, UP, India
²Department of Orthopedics, Medical Faculty, Clinical Sciences Lund, Lund University.

Christina Perdikouri, Eva Lidén, Michael Diefenbeck
Local Antibiotic Use: An in vitro and in vivo investigation of an injectable Calcium Sulfate/Calcium Phosphate Bone Graft Substitute loaded with Gentamicin or Vancomycin
BONESUPPORT AB, Lund, Sweden

Joeri Kok¹, Aurimas Širka², Lorenzo Grassi¹, Deepak Bushan Raina¹, Šarūnas Tarasevičius², Magnus Tägil¹, Lars Lidgren¹, Hanna Isaksson¹
Fracture strength of the proximal femur injected with a Calcium Sulfate/Hydroxyapatite bone substitute
¹Lund University, Lund, Sweden
²Lithuanian University of Health Sciences, Kaunas, Lithuania

About BONESUPPORT™

BONESUPPORT (Nasdaq Stockholm: BONEX) develops and commercializes innovative injectable bio-ceramic bone graft substitutes that remodel to the patient’s own bone and have the capability of eluting drugs. BONESUPPORT’s bone graft substitutes are based on the patented technology platform CERAMENT. The company is conducting several clinical studies to further demonstrate the clinical and health economic benefits its products deliver and a Premarket approval filing with the FDA (USA) for CERAMENT G is planned in 2020. The company is based in Lund, Sweden, and the net sales amounted to SEK 129 million in 2017. Please visit www.bonesupport.com for more information.

BONESUPPORT and CERAMENT are registered trademarks.
Press Release

For more information contact:

BONESUPPORT AB
Emil Billbäck, CEO
+46 (0) 46 286 53 70

Håkan Johansson, CFO
+46(0) 46 286 53 70
ir@bonesupport.com

Cord Communications
Charlotte Stjerngren
+46 (0)708 76 87 87
charlotte.stjerngren@cordcom.se
www.cordcom.se

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