Welcome and introduction of the 2019 Thon international research awardee

Lene Vestergaard Hau, Professor, Harvard University
The Science and Art of Taming Light

Lunch served by Hotel Bristol

Ole Petter Ottersen, Head of the Olav Thon Foundation scientific council and President of Karolinska Institutet
Introduction of the 2019 Thon Research Projects in Medicine awardees

Prevention of osteoarthritis by treating focal lesions with tissue engineered cartilage and early osteoarthritis with gene therapy

Kristian Samuelsson, Professor, University of Gothenburg
Current treatment of cartilage injuries in the ankle and knee

Jan E. Brinchmann, Researcher, University of Oslo
Prevention of early osteoarthritis with gene therapy. The basic science behind it

Enhancement of bone regeneration by in vivo targeting of skeletal stem cells

Moustapha Kassem, Professor, University of Southern-Denmark
Human marrow skeletal (stromal) stem cells (MSC) from cell transplantation to in vivo targeting

Rigmor Solberg, Professor, University of Oslo
The proteolytic enzyme legumain: Structure and functions

Abbas Jafari, Assistant Professor, University of Copenhagen
Legumain inhibition: A novel approach to enhance bone regeneration