



*European Society for Artificial Organs: www.esao.org
International Federation for Artificial Organs: www.ifao.org*



Prof. Gloria Gallego Ferrer
ESAO Board Governor
Polytechnic University Valencia






Prof. Viktoria Weber
ESAO Officer
Danube University Krems



Prof. Thomas Groth
IFAO Secretary
Martin Luther University Halle

ESAO-IFAO Webinars
Artificial Organs & Regenerative Medicine:
Clinical Challenges Emerging Technologies Improved Medical Care
Every third Thursday monthly, 12 p.m. (CET)

| Date | Title | Speaker |
|---------------------------|--|---|
| March 18, 2021 | Research focused to improve prognosis for hemodialysis patients. |  Prof. Bernd Stegmayr Department of Public Health and Clinical Medicine. Umea University. Sweden |
| | Developing cellular models for use in precision medicine. |  Mr. Tino Vollmer Charite University. Berlin. Freiburg University. Germany |
| April 15, 2021 | Emerging applications of therapeutic apheresis to modulate inflammation. |  Prof. Viktoria Weber Center for Biomedical Technology. Danube University Krems. Austria |

| Date | Title | Image | Speaker |
|--------------------|---|--|--|
| May 20, 2021 | <p>Long-term monitoring of Cardiac Assist Devices: Important tools for patient safety, therapeutic decisions and research.</p> <p>The necessity of improved patient surveillance: Available and future tools.</p> |  | <p>Prof. Heinrich Schima Center for Medical Physics and Biomedical Engineering / Department of Cardiac Surgery. Medical University of Vienna. Austria</p> |
| | <p>Interaction between the circulation and the pump – Beat to beat monitoring insights during exercise and daily living.</p> |  | <p>Dr. Christoph Gross, MSc Center for Medical Physics and Biomedical Engineering / Department of Cardiac Surgery. Medical University of Vienna. Austria</p> |
| | <p>Interpretation and prediction of complications from routine Pump-Log-File-Recordings.</p> |  | <p>MS Thomas Schlöglhofer Center for Medical Physics and Biomedical Engineering / Department of Cardiac Surgery. Medical University of Vienna. Austria</p> |
| June 17, 2021 | <p>Application of micro-machining for evaluation of mechanical reaction of cell in vitro.</p> |  | <p>Prof. Shigehiro Hashimoto Biomedical Engineering Laboratory. Kogakuin University. Tokyo. Japan</p> |
| | <p>LVAD therapy: clinical perspectives.</p> |  | <p>Dr. Steven Jacobs Experimental Cardiac Surgery Department. KU Leuven. Belgium</p> |
| September 16, 2021 | <p>LVAD for FONTAN: animal research.</p> |  | <p>Dr. Joeri Van Puyvelde Experimental Cardiac Surgery Department. KU Leuven. Belgium</p> |
| | <p>Membrane innovations for improved blood purification therapies.</p> |  | <p>Prof. Dimitrios Stamatialis Bioartificial organs - Department of Biomaterials Science and Technology - Technical Medical Centre. University of Twente. Enschede. The Netherlands</p> |