

Soft Tissue Plenary Videos

Professor Alexander Panfilov

[*Mechano-electric feedback and initiation of cardiac arrhythmias*](#)

Professor Raffaella Ocone

[*From Applications to Fundamentals –the power of multiscale modelling*](#)

Dr Bindi Brook

[*Structure, function and growth in asthmatic airways*](#)

Professor Dirk Drasdo

[*Quantitative single-cell-based modeling reveals predictable response of growing tumor spheroids on external mechanical stress, and how this informs a virtual liver twin*](#)

Professor Liesbet Geris

[*Connecting Mechanics and Biology in a multiscale model of osteoarthritis*](#)

Professor Alexander Movchan

[*Eigenvalue problems in the dynamics of fluid-solid biological systems*](#)