

IMEG Seminar Series

Onsite!!

The road to global science

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November 25th, 2022, 11:00~12:00

Cellular functionality and plasticity in the senescence spectrum



This seminar is a hybrid of online and face-to-face at IMEG.

The Zoom ID and passcode were sent via "all-bear" email. Check your inbox!

Cellular senescence is induced by various stimuli, with characteristic morphological changes and sustained growth arrest. The accumulation of senescent cells contributes to individual ageing and age-related diseases such as cancer. The adverse effects of senescence are often attributed to cells losing their natural functions. However, the aspect of cells gaining new functions is also critical. Cellular function is largely defined by tissue-specific gene expression patterns, representing cellular diversity. I will discuss senescence as a 'gain-of-function' phenotype, introducing the idea of the senescence spectrum, which encompasses senescence diversity.