



KEMIJSKI INŠTITUT

Vabilo na Preglov kolokvij / Invitation to the Pregl colloquium

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Velika predavalnica Kemijskega inštituta /
Great Lecture Hall
National Institute of Chemistry
Hajdrihova 19, Ljubljana, Slovenia

Paths to stemness: building the ultimate antitumor T cell

Stem cells are defined by the ability to self-renew and generate differentiated progeny, qualities that are maintained by evolutionarily conserved pathways that can lead to cancer when deregulated. There is now evidence that these stem cell-like attributes and signaling pathways are also shared among subsets of mature memory T lymphocytes. I will discuss how using stem cell-like T cells can overcome the limitations of current adoptive T cell therapies, including inefficient T cell engraftment, persistence, and ability to mediate prolonged immune attack. Conferring stemness to antitumor T cells might unleash the full potential of cellular therapies.

Info: Prof. Dr. Roman Jerala roman.jerala@ki.si



Vljudno vabljeni / Kindly invited