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## Prof. Irving L. Weissman visits the Jagiellonian University

On 26–27 January 2015, a world renowned expert in the field of stem cell research, Irving L. Weissman, Professor of Pathology and Developmental Biology at Stanford University, visited the Jagiellonian University.

On 26 January, Prof. Weissman met with Prof. Wojciech Nowak, JU Rector, in Collegium Novum. Prof. Piotr Laidler, Vice-Rector for Medical College, Prof. Stanisław Kistryn, Vice-Rector for Research and Structural Funds as well as Prof. Józef Dulak, Prof. Alicja Józkowicz and Prof. Claudine Kieda also attended the meeting. Although most of the meeting was devoted to discussing various issues concerning university admission and research funding, the guest was also familiarised with the history of the Jagiellonian University and its current situation.

On 27 January, Prof. Weissman delivered a lecture entitled *Normal and Neoplastic Stem Cells* at the Faculty of Biochemistry, Biophysics and Biotechnology.

After the lecture, Prof. Weissman took part in a meeting with the staff and doctoral students of the JU Department of Medical Biotechnology, also attended by the Dean of the JU Faculty of Biochemistry, Biophysics and Biotechnology, Prof. Zbigniew Madeja, and the Vice-Dean for Research and International Relations, Prof. Jolanta Jura. The issues discussed included collaboration between Polish and US research institutions, but the main part of the meeting was devoted to the exchange of scientific knowledge and expertise and the presentation of the results of stem cell research carried out by the team from the Department of Medical Technology, led by Prof. Józef Dulak and Prof. Alicja Józkowicz.

Prof. Weissman is the author of more than 700 publications, to a large extent devoted to stem cells. He has developed methods of identifying and isolating stem cells and progenitor cells and explained how other specialised blood cells can develop from hematopoietic stem cells. In the paper "Purification and characterization of mouse hematopoietic stem cells," published in *Science* journal in 1988, Prof. Weissman for the first time described the method of flow cytometry (FACS: Fluorescence-activated cell sorting) to isolate hematopoietic stem cell populations from mouse bone marrow, which laid the foundations for the rapid development of stem cell research in the years to follow. Recently, Prof. Weissman's research team has also focused on the biology of cancer stem cells and their possible applications as a potential target in cancer treatment.



W serwisie Uniwersytetu Jagiellońskiego stosowane są pliki "cookies" zgodnie z Polityką prywatności. [Akceptuję](#)



*fot. Anna Wojnar i Zakład Biotechnologii Medycznej UJ*  
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