



# DESTINATION EUROPE

Your Research and Innovation Opportunities

Monika S. Kowalczyk MD DPhil

Chicago, IL, USA

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# Career Path



MD at Medical University of Łódź, Poland



DPhil at University of Oxford, UK

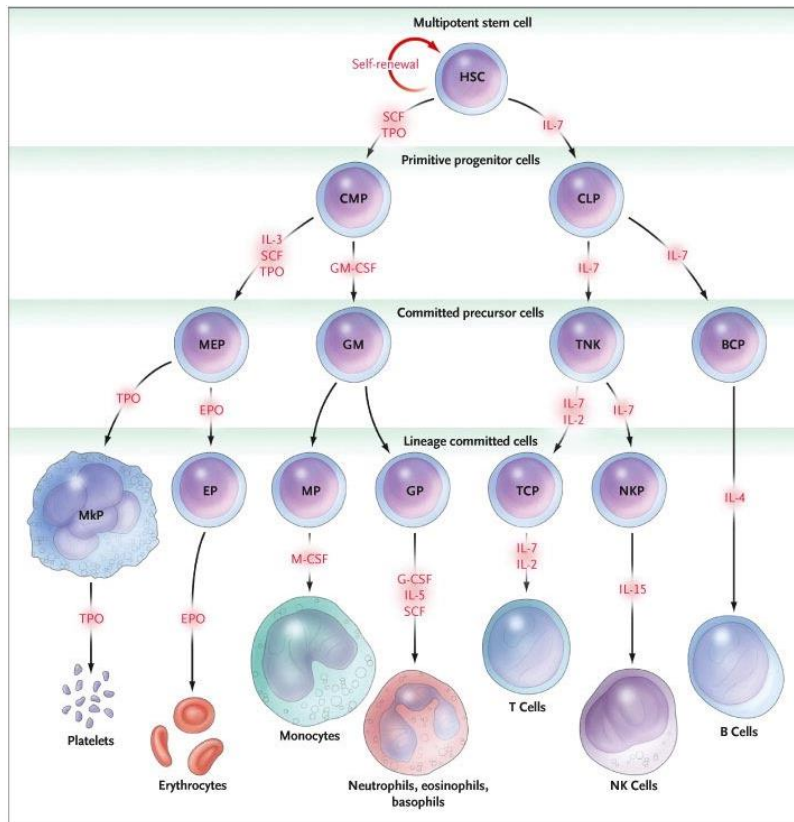


Postdoctoral Fellowship at the Broad Institute of MIT and Harvard, USA

# Scientific Interests



## Hematopoiesis



Kaushansky K. N Engl J Med 2006;354:2034-2045.

## Cellular Circuits



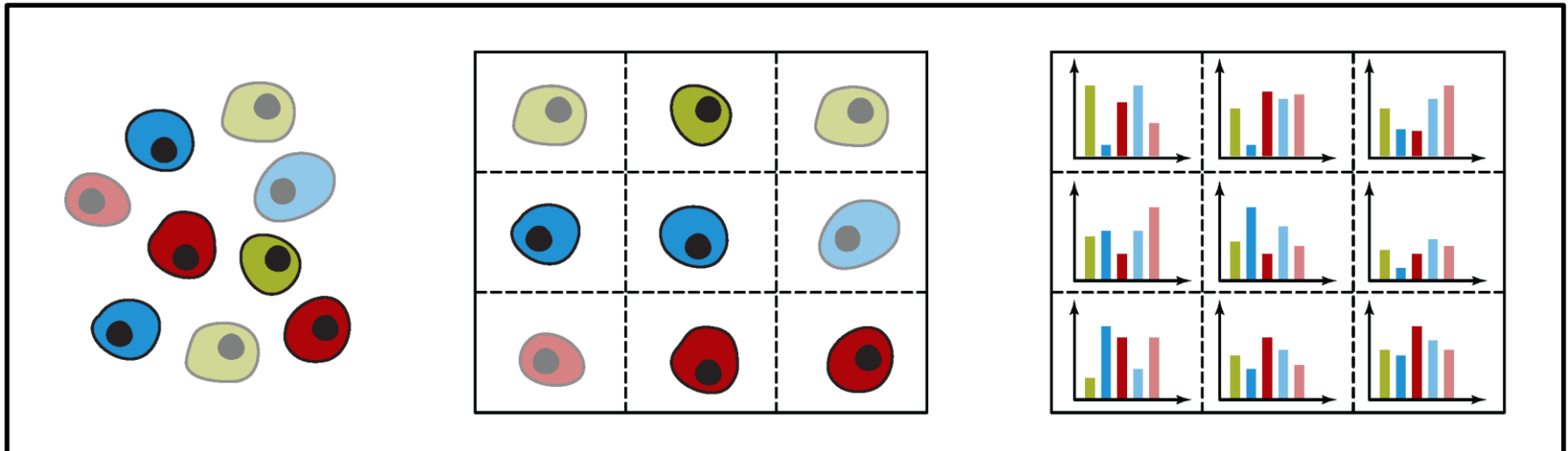
- Single cell genomics
- Genetic engineering - CRISPRs

# Single Cell Genomics Revolution

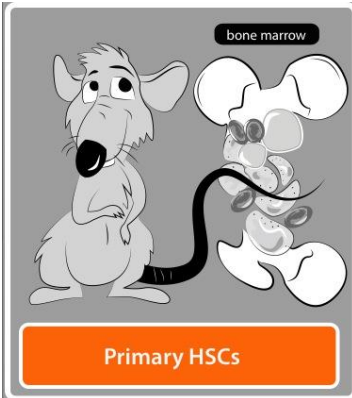


Using single cell genomics we were able to examine each cell **individually** and **thoroughly**.

Uncovering **new insights** into hematopoietic stem cell aging previously masked by population studies.



# Genetic Engineering Revolution - CRISPRs



# International ties

Selected close collaboration with universities, institutes, and hospitals in the USA



**David A. Williams MD**  
Professor of Pediatrics  
Chief Division of Hematology/Oncology  
Harvard Medical School



**Caltech**

**David Baltimore PhD**  
Professor of Biology  
Nobel Prize Laureate  
California Institute of Technology



**Richard A. Flavell PhD FRS**  
Professor of Immunobiology  
Yale University

# Close Ties with Poland



Close collaboration with universities, institutes, and hospitals in Poland



**Przemysław Juszczynski MD PhD**

Associate Professor

Institute of Hematology and Transfusion Medicine, Warsaw



**Wojciech Młynarski MD PhD**

Associate Professor

Department of Pediatric Oncology, Hematology and Diabetology  
Medical University of Łódź



**Agata Pastorczak MD PhD**

Department of Pediatric Oncology, Hematology and Diabetology  
Medical University of Łódź

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