25 Years of Proteomics in Cell Biology

Guest Editors:

Prof. Dr. Hassan Dihazi
dihazi@med.uni-goettingen.de

PD Dr. Olaf Jahn
Proteomics Group, Max Planck Institute of Experimental Medicine, Göttingen, Germany
jahn@em.mpg.de

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Message from the Guest Editors

Dear Colleagues,

The concept of the proteome is now 25 years old, with Marc Wilkins having coined the term at the first Siena 2D Electrophoresis Meeting in Italy in 1994. We felt that this anniversary is a good time to reflect on what proteomics has achieved in the life sciences in general and in cell biology in particular. Proteomics has advanced to one of the main pillars in biomedical research and its rapid technological progress was a driving force in many scientific breakthroughs.

We seek to build bridges from mouse to man, and plan to illuminate how the proteomic concepts that have already fueled basic research in cell biology for many years and are now about to advance clinical applications and, eventually, the coming of age of precision medicine.

This Special Issue of Cells "25 Years of Proteomics in Cell Biology" will follow the milestones of the development of proteomics and its impact on cell biology during this period, and we are soliciting manuscripts on topics that have had, are having, or will have a formative influence on the field.

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