

BIOLOGICAL CHEMISTRY

*Founded in 1877 by Felix Hoppe-Seyler as
Zeitschrift für Physiologische Chemie*

Felix Hoppe-Seyler (1825–1895) was a pioneer of biochemistry, remembered not only for his discovery of hemoglobin and his contributions to the chemical characterization of many other biological compounds and processes but also for having been the mentor of Friedrich Miescher and Albrecht Kossel. In his preface to the first issue of *Zeitschrift für Physiologische Chemie*, Felix Hoppe-Seyler coined the term *Biochemistry* ('Biochemie') for the then newly emerging discipline.



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RESPONSIBLE EDITOR(S) Professor Dr. Bernhard Brüne, Goethe-University, Faculty of Medicine, Biochemistry I, Theodor-Stern-Kai 7, D-60590 Frankfurt/Main, Germany, Tel.: +49-69-6301 7424, Email: B.Bruene@biochem.uni-frankfurt.de

JOURNAL MANAGER Dr. Torsten Krüger, De Gruyter, Genthiner Straße 13, 10785 Berlin, Germany, Tel.: +49 (0)30 260 05 – 176, Fax: +49 (0)30 260 05 – 298, Email: biol.chem.editorial@degruyter.com

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COVER ILLUSTRATION

Shown on the cover is the mitochondrial network of a HeLa cell expressing mitochondrially targeted red fluorescent protein (mtDsRed) visualized by confocal fluorescent microscopy. This dynamic organellar network represents an excellent example for the topic of the present Highlight Issue of Biological Chemistry with contributions from the 64th Mosbach Colloquium 2013 on 'Membranes in Motion'.

The picture was taken by Angelo Occhipinti, Mitochondrial Biology, Buchman Institute for Molecular Life Sciences (BMLS), Goethe University, Frankfurt/Main, Germany. The image is shown in false color on the cover and was processed for illustrative purposes. The original photograph can be contemplated as an oversized-image in the BMLS entrance hall in Frankfurt.



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