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.

Biological Chemistry is associated with the Gesellschaft für Biochemie und Molekularbiologie e.V. (GBM)

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COVER ILLUSTRATION
Hepatoma-derived growth factor (HDGF) is a multifunctional protein involved in different cellular processes. The novel isoforms HDGF-B and -C exhibit striking altered features compared to the so far known HDGF, now termed HDGF-A. The identification of differential interaction partners implicates a biological role distinct from HDGF-A, which opens new aspects in the HDGF field, especially due to the fact that almost all previous studies dealing with the physiological and pathophysiological role of HDGF are based on the assumption that only HDGF isoform A is mediating these effects. Providing knowledge about HDGF isoforms and first tools to differentiate between those should lead to a more detailed and comprehensive picture. The cover image shows the superposition of a co-immunostaining of HDGF-C (red) with the minus end-directed motorprotein dynein (green) in human dermal fibroblasts. Co-localization of the proteins (yellow) indicates a role in retrograde transport processes. For more information see the article by Nüße et al., this issue pp. 417–436.
Image courtesy of Frank Dietz, Centre for Biomolecular Interactions, University of Bremen, Germany.

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