

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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ISSN 1431-6730 · e-ISSN 1437-4315 · CODEN BICHF3

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TYPESETTING Compuscript Ltd., Shannon, Ireland

PRINTING Franz X. Stückle Druck und Verlag e.K., Ettenheim
Printed in Germany

COVER ILLUSTRATION

The image illustrates modern concepts in brain research integrating interdisciplinary approaches including atomic and molecular aspects (protein structure in blue), cellular and intracellular mechanisms (neuron in green) or systemic and behavioral aspects (red brain tissue). At the GBM study group Meeting on ‘Perspectives in Molecular Neurobiology’ held in Bochum, Germany, on 13–15th September 2012, more than 20 top speakers and junior scientist speakers from Japan, Italy, Great Britain, France and Germany presented their latest results in cutting-edge topics of Neuroscience. This Highlight Issue publishes selected contributions that were presented at the Meeting. The Guest Editor and Conference Chair (Rolf Heumann) gratefully acknowledges Christian Wolf, who designed and kindly provided the original design of the image shown here as a colorised version.



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