

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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COVER ILLUSTRATION

Annexins, a specific family of proteins, were discovered more than three decades ago. The cover image shows a printed 3D physical model of the highly α -helical annexin A2 protein core domain. This principal annexin module is the Ca^{2+} and phospholipid-binding unit and is well conserved among the annexin family members. Over the years, the function of annexins has been associated with a wide variety of cellular processes relevant in human health and disease. To reflect the current developments in this fast-growing and active research area, this Highlight Issue of *Biological Chemistry* presents a broad spectrum of disease and therapy-centered articles, highlighting the shift from bench to bedside in annexin research. Image courtesy of Alexandra Gorontzi, Institute of Medical Biochemistry, Centre for Molecular Biology of Inflammation, University of Münster, Germany.



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