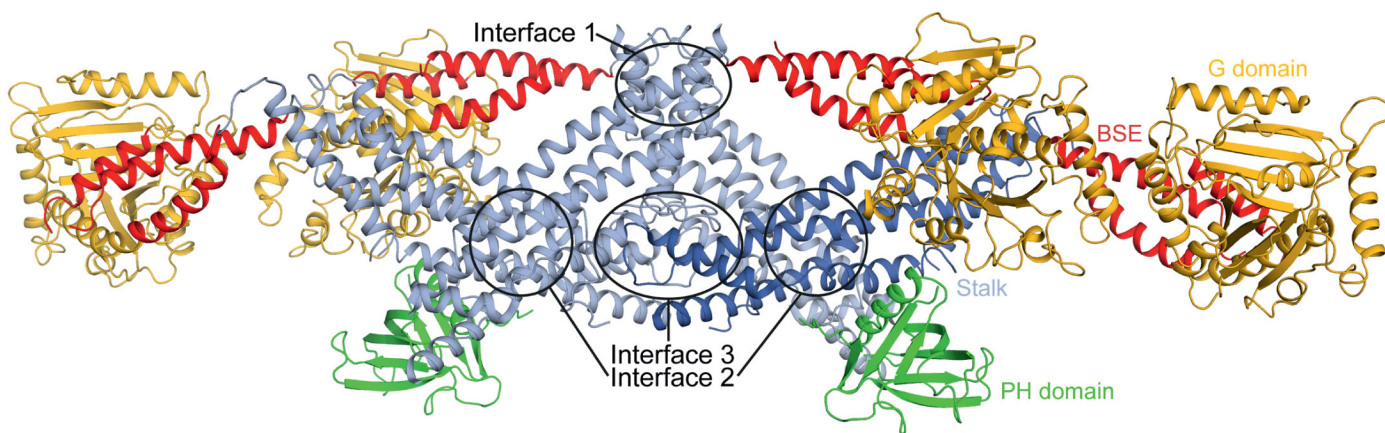


BIOLOGICAL CHEMISTRY



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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

The cover image displays a model of the crystal structure of the dynamin tetramer, which was published previously [Reubold et al., Nature 525 (2015), 404–408]. Tetramerization and subsequent formation of higher oligomers of dynamin, which are essential for dynamin function, are driven through the formation of specific interfaces. In the last two decades small molecules have been developed that modulate the function of dynamin as tools for dissecting the underlying mechanisms and as potential future therapeutics. In the review article by Eschenburg and Reubold on pp. 1421–1432 in this issue, an overview is given of the compound classes that are currently in use, and the authors describe where and how those compounds target dynamin.



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