Macromolecular interactions: tracing the roots

The late Paul Srere used the above as the title to his last publication in *TiBS*¹. Two major theses of that paper are first, that the importance of macromolecular interactions is not ‘new’ to biochemistry; and second, that contemporary scientists have the responsibility to recognize previous contributions from other scientists and integrate these findings whenever possible into the new work being presented. The recent contribution to ‘Talking Points’ by Kisters-Woike et al.² fails to consider a single example of what is, in fact, a substantial body of previous work that is directly relevant to their principal conclusion – that protein surfaces are of importance in the formation of multi-enzyme complexes. This forum is neither an appropriate nor adequate one in which to document all the previous work that has established the reality of such complexes, and the importance of protein surfaces in their formation. Indeed, that could require an entire issue of *TiBS*. Instead, we refer readers to papers by Srere¹,²,³ and McConkey⁴, five fairly recent books⁵,⁶,⁷, a web site that provides an entry to the literature (http://gepasi.dbs.aber.ac.uk/dbk/canon.htm), and three reviews of historical interest written over 20 years ago⁸,⁹,¹⁰,¹¹. All of these, in their own way, provide a sampling of the rich literature that was completely missing in the paper by Kisters-Woike et al.² In addition, a series of Gordon Research Conferences (http://www.grc.uri.edu) has been devoted to this and related topics since 1987, most recently attracting more than 100 attendees (http://www.bio.vu.nl/hwconf/program.html).

Details of the 2002 conference can be found at http://www.bio.vu.nl/hwconf/grc2002.html.

James Clegg
Bodega Marine Laboratory, University of California at Davis, Bodega Bay, CA 94923, USA.
jscllegg@ucdavis.edu

Douglas Kell
Institute of Biological Sciences, Cledwyn Building, University of Wales, Aberystwyth UK.
SY23 3DD.
dbk@aber.ac.uk

Harvey Knoll
Physical and Life Sciences, Texas A & M University (Corpus Christi), Corpus Christi, TX 78412 USA.
Harvey.Knoll@mail.tamucc.edu

G. Rickey Welch
Dept of Biological Sciences, University of Maryland (Baltimore County), Baltimore, MD 21250, USA.
welch@umbc.edu

John Wilson
Dept of Biochemistry, Michigan State University, E. Lansing, MI 48824 USA.
wilsonj@msu.edu

References


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Response from Kisters-Woike et al.

We are grateful to James Clegg and his colleagues for pointing out to the readers of *TiBS* that a large number of papers have been published on an issue that we raised in our article, namely macromolecular interactions. ‘Alles Gescheidte ist schon gedacht worden, man muss nur versuchen es noch einmal zu denken’ (everything clever has already been thought, one must just try to think it once more), wrote Goethe¹. He is certainly right. The way we looked at the matter seemed novel to us. It is up to the readers of *TiBS* to decide whether it is also novel for them.

Brigitte Kisters-Woike*
Catherine Vangjerdengom
Benno Müller-Hill
Institut für Genetik, Universität zu Köln, Weyertal 121, D-50931 Köln, Germany.
*e-mail: b.kisters@uni-koeln.de

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