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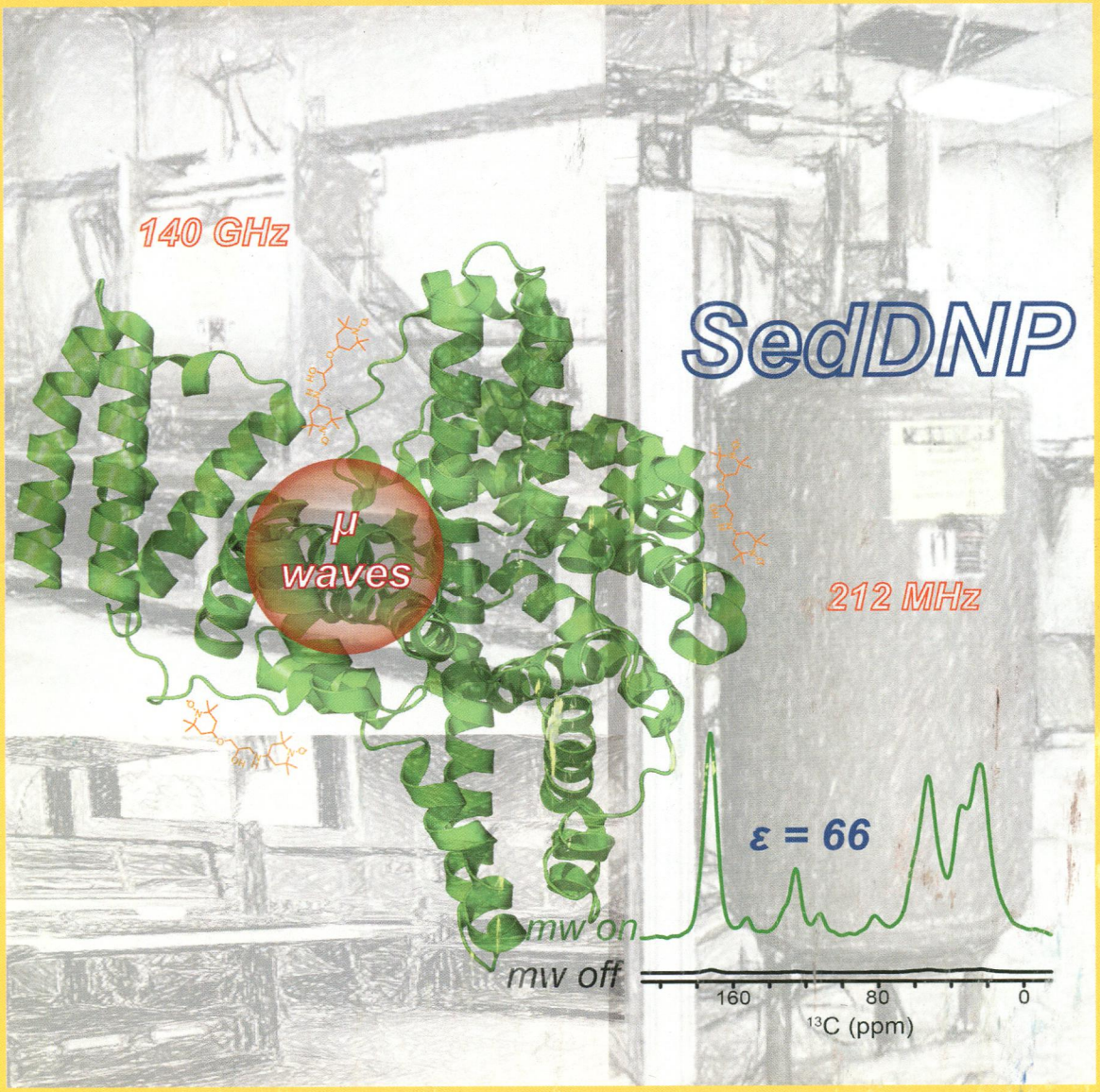

DNP-Enhanced MAS NMR of BSA Using an Ex Situ SedDNP Approach (see page 5A)

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ON THE COVER: DNP-enhanced MAS NMR of BSA using an ex situ SedDNP approach. Serum albumin (green) is a blood carrier protein that aspecifically binds a number of hydrophobic substrates. Among those it can easily bind, the organic biradical TOTAPOL (orange molecules), commonly used for high-field DNP (herein represented as microwave irradiation). In the paper by Ravera et al., it is shown that such interaction detaches the need for an organic matrix to effectively disperse the biradical for high field DNP NMR. See page 2957.

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2785 (S) dx.doi.org/10.1021/jp409630u
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Paulami Mandal, Nadejda Eremina, and Andreas Barth*

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