

# BIOCHEMISTRY

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## CURRENT TOPICS

### **Mechanistic Studies Unravel the Complexity Inherent in Tau Aggregation Leading to Alzheimer's Disease and the Tauopathies**

Gayathri Ramachandran and Jayant B. Udgaonkar

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Publication Date (Web): May 30, 2013 (Current Topic)

DOI: 10.1021/bi400209z

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Mammalian Pathological Biochemistry

## ARTICLES

### **Ellipticine Binds to a Human Telomere Sequence: An Additional Mode of Action as a Putative Anticancer Agent?**

Saptarni Ghosh, Anirban Kar, Shantanu Chowdhury, and Dipak Dasgupta

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Publication Date (Web): May 22, 2013 (Article)

DOI: 10.1021/bi400080t

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## **DNA A-tracts Are Not Curved in Solutions Containing High Concentrations of Monovalent Cations**

Earle Stellwagen, Justin P. Peters, L. James Maher, III, and Nancy C. Stellwagen

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DOI: 10.1021/bi400118m

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Enrico Bucci , Stefania Pucciarelli and Mauro Angeletti

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Publication Date (Web): May 27, 2013 (Article)

DOI: 10.1021/bi400319c

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Johannes Björnerås, Astrid Gräslund, and Lena Mäler

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Publication Date (Web): May 24, 2013 (Article)

DOI: 10.1021/bi4004205

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## **Structural Investigations of the Nickel-Induced Inhibition of Truncated Constructs of the JMJD2 Family of Histone Demethylases Using X-ray Absorption Spectroscopy**

Nitai Charan Giri, Lisa Passantino, Hong Sun, Maria Antonietta Zoroddu, Max Costa, and Michael J. Maroney

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Abhishek Tripathi, Vikas Saini, Adriano Marchese, Brian F. Volkman, Wei-Jen Tang, and Matthias Majetschak

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Premchendar Nandhikonda, Adam Yasgar, Athena M. Baranowski, Preetpal S. Sidhu, Megan M. McCallum, Alan J. Pawlak, Kelly Teske, Belaynesh Feleke, Nina Y. Yuan, Chinedum Kevin, Daniel D. Bikle, Steven D. Ayers, Paul Webb, Ganesha Rai, Anton Simeonov, Ajit Jadhav, David Maloney, and Leggy A. Arnold

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Pritha Bhattacharjee, Avinanda Banerjee, Amrita Banerjee, Dipak Dasgupta, and Kaushik Sengupta

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Dennis Bromley, Peter C. Anderson, and Valerie Daggett

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Mammalian Pathological Biochemistry

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Tobias W. Giessen, Alexander M. von Tesmar, and Mohamed A. Marahiel

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Enzymes