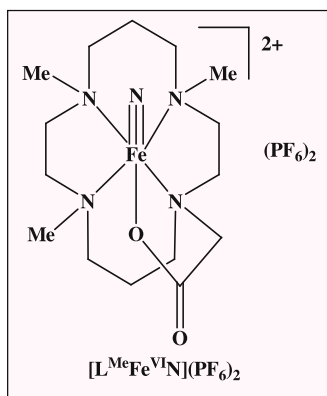
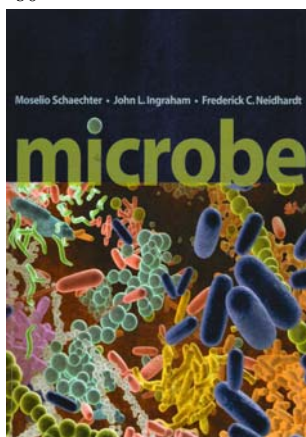


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**GENERAL ARTICLES**

**04 Oswald Avery and the Identification of DNA as the Genetic Material**

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**12 Controlling Uncertain Dynamical Systems**

*Basic Ideas of Adaptive Control*

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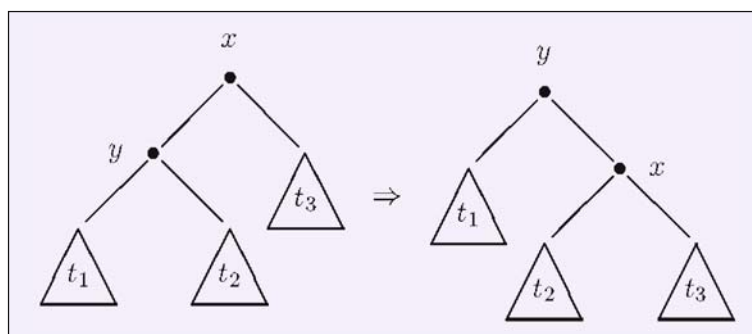
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*High Oxidation State: Fe<sup>VI</sup> in an Octahedral Coordination Complex*

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### Classics

Studies on the Chemical Nature of the Substance  
Inducing Transformation of Pneumococcal Types **83**  
*Oswald T Avery, Colin M MacLeod and  
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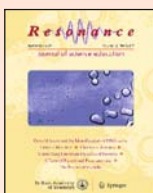
### Information and Announcements

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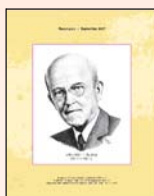
**80 The Essential Microbe**  
S K Bhattacharjee

#### Front Cover



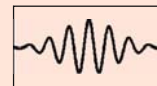
Transformation of pneumococcal types.  
See article on p.83.  
(Reproduced from the *Journal of Experimental  
Medicine*, Vol.79, pp.137–158, 1944.)

#### Back Cover



Oswald T Avery  
(1877 – 1955)  
(Illustration: Subhankar Biswas)

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Flowering Trees  
(Credit: K Sankara Rao,  
IISc, Bangalore)

