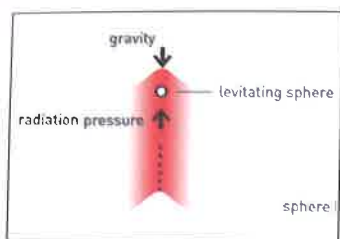


GENERAL ARTICLES

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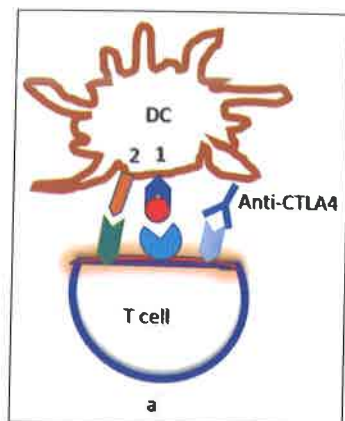
1327 Gilbert Stork: Organic Chemist and Teacher (1921–2017)

Vijay Nair

1333 Nobel Prize in Physics – 2018

Debabrata Goswami

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1343 Nobel Prize in Chemistry – 2018

Speeding Up Protein Evolution

Purnananda Guptasarma

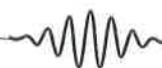
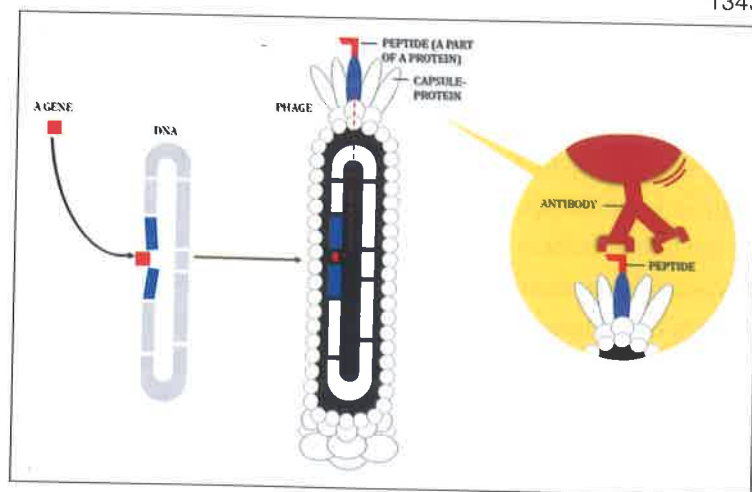
1359 Nobel Prize in Physiology or Medicine – 2018

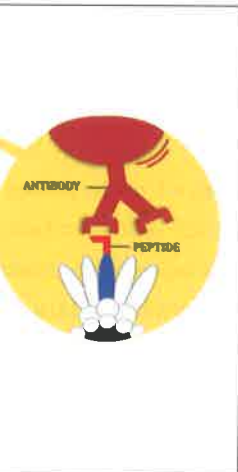
Arunika Mukhopadhaya

1367 Introduction to the Techniques of Interferometry and Lunar Occultation in Radio Astronomy

Padmanabh Shrihari Sarpotdar

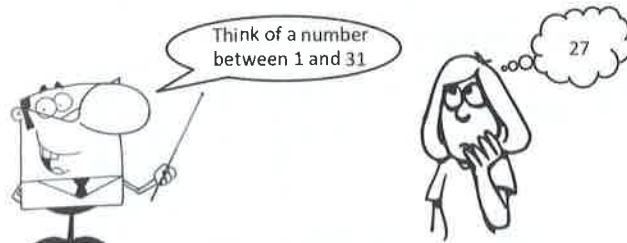
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1375 **Second Quantization and Majorana Modes**
Particles That are Their Own Antiparticles
Arnab Barman Ray

1395 **Balanced Number System**
Application to Mathematical Puzzles
Shobha Bagai



Information & Announcements

SERB Sponsored School in Evolutionary Biology 2019 **1413**

Front Cover



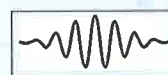
Quinine, the seemingly simple looking molecule has a unique place in the history of mankind due to its role in saving millions of people from malaria. Despite several efforts towards its synthesis, the first stereoselective synthesis was achieved only in 2001, in Gilbert Stork's laboratory.

Back Cover



Gilbert Stork
(1921–2017)
Illustration: Subhankar Biswas

DEPARTMENTS



Editorial **1321**
N Sathyamurthy



Science Smiles **1326**
Ayan Guha

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Leena Thorat

Inside Back Cover

Birds in the Backyard
By T N C Vidya
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