

788

1	2	3	4	5	6	7	8	9
7	8	9	1	2	3	4	5	6
4	5	6	7	8	9	1	2	3
6	4	5	9	7	8	3	1	2
3	1	2	6	4	5	9	7	8
9	7	8	3	1	2	6	4	5
8	9	7	2	3	1	5	6	4
5	6	4	8	9	7	2	3	1
2	3	1	5	6	4	8	9	7

844

Instr. No.	Pipeline Stage						
	IF	ID	EX	MEM	WB		
1							
2		IF	ID	EX	MEM	WB	
3			IF	ID	EX	MEM	WB
4				IF	ID	EX	MEM
5					IF	ID	EX
Clock Cycle	1	2	3	4	5	6	7

GENERAL ARTICLES

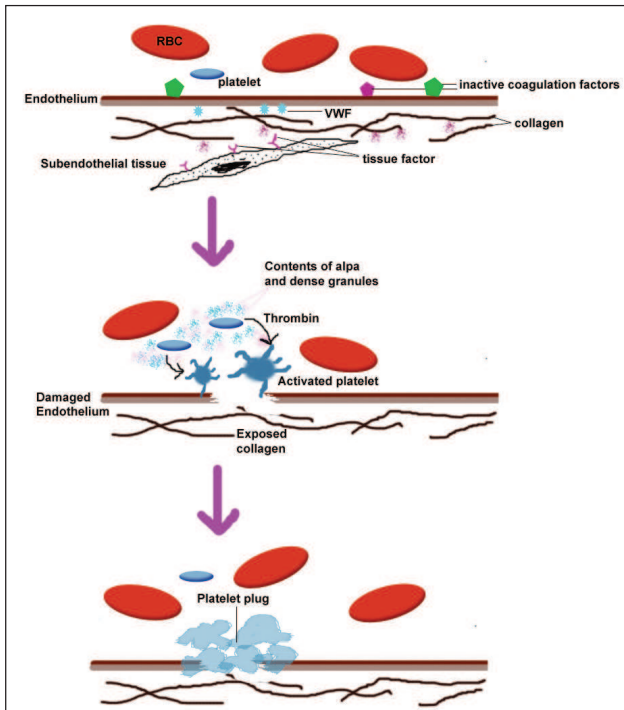
762 Shyamadas Chatterjee
Experimenter Par Excellence!
Amit Roy

769 When Life Played Dice with Royal Blood
Anindita Bhadra

788 Sudoku Squares as Experimental Designs
Jyotirmoy Sarkar and Bikas K Sinha

803 Gravitational Collapse and Structure Formation in an Expanding Universe
J S Bagla and Pritpal Kaur Sandhu

769





Information & Announcements

Science Academies' Refresher Course in Recent Advances in Chemistry	860
Refresher Course on Water: Its Fascinating Science and Diverse Implications in the Natural World	861
Science Academies' Summer Research Fellowship Programme for Students and Teachers – 2016	862

816 Split Beta-Lactamase Complementation Assay

A Search for the Molecular Better Half!

Vaishali Verma

822 Sums of Generalized Harmonic Series

For Kids from Five to Fifteen

Zurab Silagadze

844 Multithreaded Processors

Venkat Arun

Front Cover



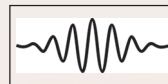
The crown on the map symbolises the royal families of Europe. The backdrop shows blood cells. The article on page 769 shows how all these themes meshed together in a crucial way in the history of the early 20th century.

Back Cover



Shyamadas Chatterjee (1909–1995)
(Illustration: Subhankar Biswas)

DEPARTMENTS



Editorial 757

Amit Roy



Science Smiles 759

Ayan Guha



Classics 856

On the Spontaneous Fission of Uranium
Shyamadas Chatterjee

Inside Back Cover

Flowering Trees
Credit: R Arun Singh, IISc

