

## December 2010 Chemistry Wordoku

		H		I		O	T	
A	O		H		S			
M					I			O
	T	A	S		U	H	M	
S			T					A
			M		H		R	T
	M	T		R		U		

A
H
I
M
O
R
S
T
U

Solve this 'wordoku' in the same way as a sudoku with letters instead of numbers (the nine letters once in each row, column and nine-square cell). Once solved, one of the overall diagonals contains the jumbled surname of a Japanese Nobel prizewinning organic chemist and marine biologist.

A	C	K	B	R	I	G	E	N
N	B	G	E	C	K	I	R	A
I	R	E	G	A	N	B	K	C
C	I	B	A	N	E	R	G	K
K	G	R	C	I	B	N	A	E
E	N	A	R	K	G	C	I	B
R	A	N	I	E	C	K	B	G
B	E	C	K	G	R	A	N	I
G	K	I	N	B	A	E	C	R

### Solution to November 2010 Chemistry Wordoku

The chemist's name hidden in the diagonal is (Marshall) Nirenberg who shared the Nobel Prize in Physiology or Medicine in 1968 for 'breaking the genetic code'. The winner of the November 2010 *Chemistry World* Wordoku competition is C K Allen, Prudhoe, UK

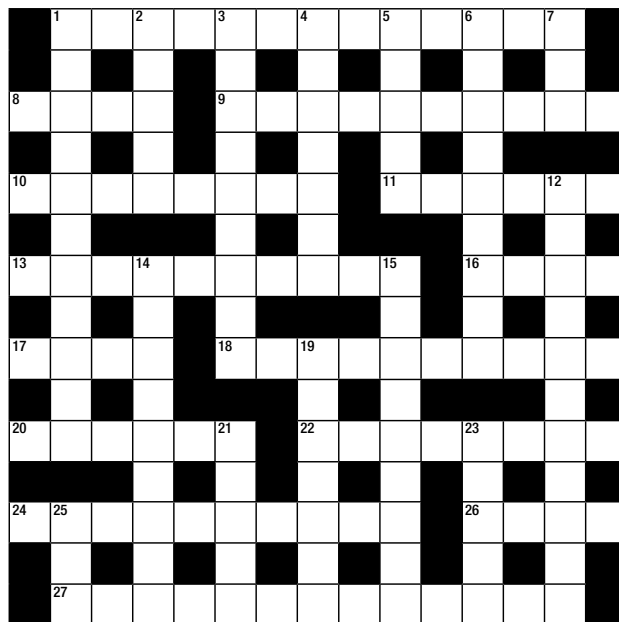
The winner of this month's Wordoku will receive goods from Fortnum and Mason and two runners up will receive £20 book vouchers. Please send your completed Wordoku to 'CHEMISTRY WORLD PUZZLE ANSWERS' at the address on p2 or fax to +44 (0)1223 426017 or email to [chemistryworld@rsc.org](mailto:chemistryworld@rsc.org) by 15 December.

## Who, where or when?



Answer: Sir Robert Robinson in his Oxford laboratory watched by his wife, also a scientist. He is examining a model of the strychnine molecule (no date).

## December 2010 Crossword



### Across

- 1 Regain oily pig for theoretical chemist (4,9)
- 8 Theory obtained from leading guru after initial approach (4)
- 9 Mistook Ruth for red physicist? (10)
- 10 No exotic concoction for this environmental poison (8)
- 11 Confused, Sean takes gold and gets sickness (6)
- 13 Nicest flea metamorphosed into a member of the Phyllidae family (4,6)
- 16 Crazy for kernels? (4)
- 17 A lot to include inventor of the internal combustion engine (4)
- 18 Argues toss about dinosaurs (10)
- 20 Leading sopranos in union, together (6)
- 22 Take boar home for a large drink? (8)
- 24 Go American for this workaholic? (10)
- 26 Add phosphorus to crushed ice for great story! (4)
- 27 Insect of Biblical proportions or a giant Volkswagen? (7,6)

### Down

- 1 Physicist recreates actions anew (5,6)
- 2 Stray eastwards to find brewer's aid (5)
- 3 Put cattle in funeral fires for these minerals (9)
- 4 Serious about camping? Sounds like it (7)
- 5 Large body of water also containing oxygen, cerium and sodium (5)
- 6 Disease that makes nun laze if disturbed? (9)
- 7 Bear decapitated but pinna remains (3)
- 12 Removed via private exit? (11)
- 14 Rest: steals away after 30.48 centimetres (9)
- 15 Oh to cheat such dental pain! (9)
- 19 Rich healer loses 7 for magic bullet discoverer (7)
- 21 Antelope amongst the many Alan kept (5)
- 23 French port sounding close to the heart (5)
- 25 Needlefish returns for scrap (3)

L	U	D	W	I	G	B	O	L	T	Z	M	A	N	N
E	E	D	A	A	S	C	A							
W	H	E	W	E	L	L	M	O	I	S	T	E	N	
I	R	A	A	A	A	G	I	O						
S	O	H	O	I	N	C	R	E	M	E	N	T	S	
S	A	U	S	A	G	E	K	A	N	N	A	D	A	
P	N	N	N	N	N	N	D	L	L	L				
R	E	D	U	C	E	R	G	L	Y	C	I	N	E	
E			H	H	L	L	M							
C	A	R	B	O	F	U	R	A	N	B	E	E	F	
K	O	R	B	U	B	N	E							
L	A	M	B	A	D	A	B	L	I	S	T	E	R	
E	A	G	R	E	R	A	M							
D	A	N	I	E	L	B	E	R	N	O	U	L	L	I

### Solution to November 2010 crossword

The winner of the November 2010 *Chemistry World* crossword competition is T N Branstorn, Bingham, UK

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