

May 2009 Chemistry Wordoku

		L		P				
				S		I	T	
			I		T			
L					S	A		R
E			T		R			M
R		S	E					P
			R		P			
	A	P		E				
				A		S		

A
E
I
L
M
P
R
S
T

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 chemist/biologist at the Massachusetts Institute of Technology, US, whose research covers protein modification, with special emphasis on N-linked protein glycosylation.

A	Y	B	S	T	K	I	H	O
K	O	S	B	I	H	A	Y	T
T	H	I	O	A	Y	S	B	K
Y	T	K	H	B	S	O	A	I
H	I	A	T	Y	O	B	K	S
B	S	O	I	K	A	H	T	Y
O	B	Y	A	S	T	K	I	H
I	K	H	Y	O	B	T	S	A
S	A	T	K	H	I	Y	O	B

Solution to April 2009 Chemistry Wordoku
 The chemist's name hidden in the diagonal is Shu Kobayashi of the University of Tokyo, Japan. He is best known for his work in the area of Lewis acid catalysis in organic synthesis.
 The winner of the April 2009 *Chemistry World* Wordoku competition is A Sharpe, Ely, UK.
The winner of this month's chemistry Wordoku will be published next month. For a chance to win a £25 book voucher, please send your completed Wordoku to the address on p2 or fax to +44 (0)1223 426017 by 15 May.

Who, where or when?



Answer: Celebrations in 1986 of the bicentenary of the oldest chemical society in the world - the Edinburgh University's Student Chemical Society. Investigations by James Keindall had shown that a chemical society of the students of Joseph Black existed as early as 1785, and may have been directly connected to the Edinburgh student chemical society re-established in 1875. Pictured at the celebrations are emeritus professor Neil Campbell (guest speaker), Michael Bell (student president) and Robert Donovan (head of the chemistry department).

May 2009 Crossword

1		2		3		4		5		6		7
8								9				
10						11						
12			13							14		15
17	18					19					20	
22											23	
24								25				
26												
						27						

- Across**
- 1 Girl follows elite French force for bacterium (10)
 - 6 Came to highest point (4)
 - 8 Undone in insinuation (8)
 - 9 Times or times itself (6)
 - 10 Corny kernels remain after he leaves hearse (4)
 - 11 Lucrative loco turned up when gravity ran amok (5,5)
 - 12 A plea ends on the waterfront (9)
 - 14 A profit once more (5)
 - 17 Emu's right about body fluid (5)
 - 19 Tibia a cad broke transfers no heat (9)
 - 22 Bravo if nil confused with this vitamin (10)
 - 23 Gratis in antifreeze (4)
 - 24 Reported foot impediment for pilgrim's author (6)
 - 25 Novel countries for British chemist known for his octaves (8)
 - 26 Yours truly doubled up: it's passed on (4)
 - 27 Puzzle sounds like boy upset (5-5)
- Down**
- 1 Mixed trios reel with these hangers-on (9)
 - 2 Parting device for catching spirits? (3,4)
 - 3 Shapes song on an alteration (8)
 - 4 Renaissance man who played odd arcane violin? (8,2,5)
 - 5 Tries analyses (6)
 - 6 Leaving motorway, motoring organisation gets lost in quagmire, leaving acid (4,5)
 - 7 Bird I drink with (7)
 - 13 Cute yokel confined to cell? (9)
 - 15 Enzymes from sane clues? (9)
 - 16 Labs worn out for nocturnal hunters (4,4)
 - 18 Pure ice blended for gourmet (7)
 - 20 Lone Ranger's friend swallows gold in Canadian city (7)
 - 21 Place of treatment in prostacyclin I crave (6)

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

Solution to April 2009 crossword
 The winner of the April 2009 *Chemistry World* crossword competition is R D Barnes, Kirkby in Ashfield, UK.
The winner of this month's crossword will be published next month. For a chance to win a £25 book voucher, please send your completed crossword to the address on p2 or fax to +44 (0)1223 426017 by 15 May.