June 2009 Chemistry Wordoku

				C	H		P	N
P			A				H	
L				O	N			
	A	L				S		
	O	P				H	A	
		N				P	I	
			I	S				P
	L				O			H
A	P		L	H				

A
C
H
I
L
N
O
P
S

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 pioneer of metabonomics who received the RSC's silver medal for chemical biology in 2003.

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

Solution to May 2009 Chemistry Wordoku

The chemist's name hidden in the diagonal is (Barbara) Imperiali of Massachusetts Institute of Technology, US, whose research covers aspects of protein modification.

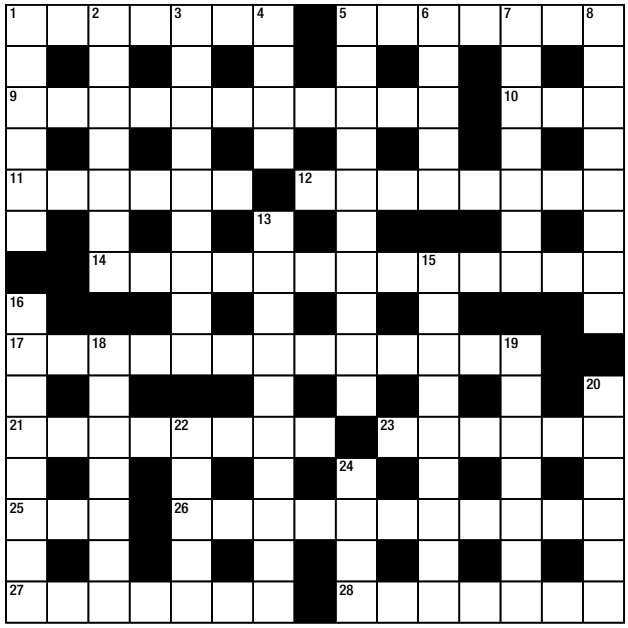
The winner of the May 2009 *Chemistry World* Wordoku competition is C F K N Cresswell, Truro, UK.

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 June 2009.

Who, where or when?

Answer: Frank S Stone receiving the 1980 RSC Surface and colloid chemistry award from RSC president Sir Ewart Jones. Stone spent most his career at the universities of Bristol and Bath. His major work was in areas of catalysis by oxides, zeolites and metals, and solid state and surface chemistry of oxides. He was for many years the European editor of the *Journal of Catalysis*.

June 2009 Crossword



Across

1 Coy pact for plagiarist (7)
5 Girl loses direction and ends up with cell (7)
9 Prophetic event for a fifteenth anniversary? (7,4)
10 Nervous complaint down to titanium carbide? (3)
11 Places in Mars the Spanish get lost in? (6)
12 Monster appears when flustered falcon takes molybdenum (8)
14 German chemist suffering from crude head burn? (6,7)
17 Study a concern for these rural pursuits? (7,6)
21 Bin alien every other year (8)
23 Cad mixed up with the CIA is one noisy insect (6)
25 Seaweed at the edge of the shore (3)
26 What a geophagist might do at the end (4,3,4)
27 German naturalist sounds set for stardom (7)
28 Label my bearded botanist (7)

Down

1 Poetic amalgam of cobalt, cerium and iridium (6)
2 Spent hay tossed, loses brimstone for biomarker (7)
3 Uranium atom can't transform: large carnivore results (9)
4 Bathroom mineral found in metal cabinet (4)
5 Tag on board when all at sea on this vessel (6,4)
6 Textile of two cities (5)
7 Go loco in Tashkent rainstorm (7)
8 Matches that were devils to light (8)
13 At my regret, Lady Jane's brain? (4,6)
15 See red when beetle crushed (on chalice) (9)
16 Rough when strike-breaker turns sour (8)
18 The French keel over with a little uranium, turning up with a musical instrument (7)
19 Implement to pick a salt up with? (7)
20 Dad's attempt at cooking (6)
22 Prize philanthropist but sounds like no campanologist! (5)
24 Returning pipistrelles wound (4)

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

Solution to May 2009 crossword

The winner of the May 2009 *Chemistry World* crossword competition is D Boatman, Redhill, UK .

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