November 2009 Chemistry Wordoku

	E		A					S
T				P		N		
I		B	W		T			
				W		B		
P		S	B		E	A		T
		I		T				
			T		P	E		B
		E		S				W
S					W		P	

A
B
E
I
N
P
S
T
W

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 name of a pyridine alkaloid present in trace amounts in tobacco smoke.

A	U	C	T	E	S	N	P	I
N	P	E	C	A	I	U	T	S
T	S	I	N	P	U	A	C	E
C	I	P	S	T	A	E	N	U
U	T	S	P	N	E	I	A	C
E	A	N	I	U	C	T	S	P
S	N	A	U	I	P	C	E	T
P	E	U	A	C	T	S	I	N
I	C	T	E	S	N	P	U	A

Solution to October 2009 Chemistry Wordoku

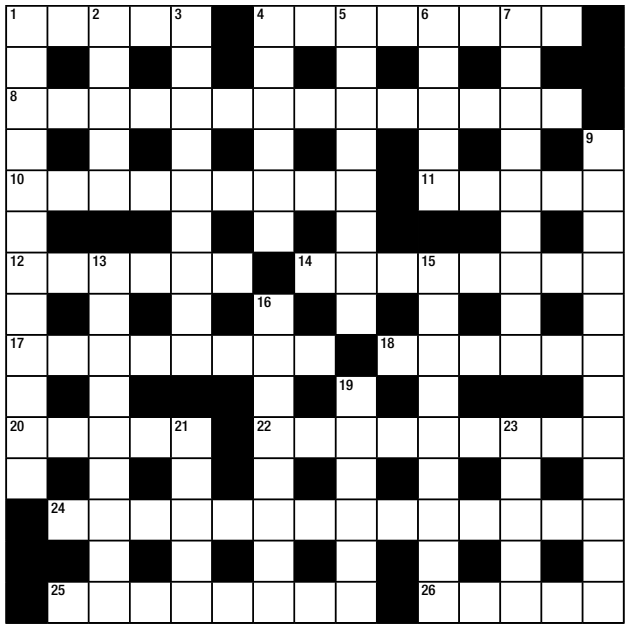
The food component hidden in the diagonal is capsaicin – the active component in chilli peppers. The winner of the October 2009 *Chemistry World* Wordoku competition is B Partidge, Oxford, UK.

The winner of this month's 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 November 2009.

Who, where or when?

Answer: Nobel prize winner James Watson opening the new laboratories of Cambridge Combinatorial (a wholly-owned subsidiary of Oxford Molecular Group) at the Merrifield Centre, Cambridge, UK, on 17 June 1998. The new facilities include an integrated range of platform combinatorial robotics designed to speed up drug discovery and design. Standing beside Watson is Cambridge Combinatorial's chief executive Allan Marchington. Cambridge Combinatorial eventually became Cambridge Drug Discovery, before being bought by Millennium Pharmaceuticals in 2000.

November 2009 Crossword



Across

1 I call (recall) colour of flaming potassium (5)
4 Leaves silicon in depots (8)
8 Go on toy channel confused for tiny topic? (14)
10 Ironstone ground for neurotransmitter (9)
11 Fraction of rations (5)
12 Capone meets Citizen for C_nH_{n+2} (6)
14 The briny sounds stale for certain (8)
17 No ordeal for La Gioconda painter (8)
18 Pictures appear in vaccine man took (6)
20 Return of einsteinium ion results in unwanted signal (5)
22 Lodestone teeming with astatine (9)
24 On scattering, affirm detector provides structural information (14)
25 Mere sand twists and turns (8)
26 Polymer found in any London street (6)

Down

1 Scientist nailing lupus? Cruciverbally maybe, but he bagged two Nobel prizes! (5,7)
2 Merlin conjured ship with loss of topmast (5)
3 Action at a lack of coordination (9)
4 Voice above loses leading soprano to pour off (6)
5 Ink pen with iron or sharpen it with this (8)
6 Something of the sun found in Limassol art (5)
7 Funambulist's footrest (9)
9 Hooded dancer twirling with a dozen faces? (12)
13 Mineral oil intake (9)
15 Mad sniper blasted superhero (9)
16 Man's drink? No, just water! (5,3)
19 Stove set back for varieties of quartz (6)
21 Small and delicate self-interest, streets away (5)
23 Chip found in thin telephones (5)

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

Solution to October 2009 crossword

The winner of the October 2009 *Chemistry World* crossword competition is A Managh, Bolton, UK

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