

CEM Corporation

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CEM Corporation, a private company based in Matthews, North Carolina, is the leading provider of microwave laboratory instrumentation. The Company has subsidiaries in the United Kingdom, Germany, Italy and France, as well as a global network of distributors. CEM designs and manufactures systems for life sciences, synthetic chemistry, analytical chemistry, and processing plants worldwide. The Company's products are used in many industries including pharmaceutical, biotech, chemical, environmental, and food processing, as well as for academic research.

Recent Publications by CEM Corporation:



- [Eat less and exercise more - is it really enough to knock down the obesity pandemia?](#)
*Reduced physical activity and abundant energy intake are two most common...*29th October, 2009
Institute for Clinical and Experimental Medicine-CEM-LMG, Prague, Czech- *Physiol Res.* 2009;58 Suppl 1:S1-6.
- [Influence of custom-made mouth guards on strength, speed and anaerobic performance of taekwondo athletes.](#)
*The purpose of this study was to test the influence of custom-made mouth...*16th October, 2009
Department of Sports Medicine, Faculty of Medicine, Suleyman Demirel- *Dent Traumatol.* 2009 Jun;25(3):272-6. ([DOI Direct Link](#))
- [Brain volumetry counterparts of cognitive impairment in patients with multiple sclerosis.](#)
*BACKGROUND: Cognitive impairment is frequent in multiple sclerosis (MS)...*26th August, 2009
Hospital de Dia de Barcelona, Multiple Sclerosis Centre of Catalonia- *J Neurol Sci.* 2009 Jul 15;282(1-2):120-4. Epub 2009 Jan 21. ([DOI Direct Link](#))
- [Biosorption of uranium\(VI\) from aqueous solution using calcium alginate beads.](#)
*In this paper, sorption potentials of uranium ions were studied using...*6th August, 2009

- Ege University, Institute of Nuclear Sciences, Bornova, Izmir, Turkey.- J Hazard Mater. 2009 Aug 30;168(1):369-75. Epub 2009 Feb 23. ([DOI Direct Link](#))
- [Apolipoprotein E polymorphism in hemodialyzed patients and healthy controls.](#)
A possible association between end-stage renal disease (ESRD) and... 1st July, 2009
 Institute for Clinical and Experimental Medicine, CEM, Laboratory for- Biochem Genet. 2009 Oct;47(9-10):688-93. Epub 2009 Jun 30. ([DOI Direct Link](#))
 - [The biological and clinical importance of the 'new generation' cytokines in rheumatic diseases.](#)
A better understanding of cytokine biology over the last two decades has... 13th June, 2009
 Division of Rheumatology, University Hospitals of Geneva & Department of- Arthritis Res Ther. 2009;11(3):230. Epub 2009 May 19. ([DOI Direct Link](#))
 - [New treatment measurements for treatment effects on relapses and progression.](#)
Multiple sclerosis (MS) is considered to be a two stage disease: a first... 10th April, 2009
 Unitat de Neuroimmunologia Clinica, Multiple Sclerosis Centre of Catalonia- J Neurol Sci. 2008 Nov 15;274(1-2):80-3. Epub 2008 Sep 25. ([DOI Direct Link](#))
 - [Apo adenylate kinase encodes its holo form: a principal component and varimax analysis.](#)
Adenylate kinase undergoes large-scale motions of its LID and AMP-binding... 7th April, 2009
 Department of Chemistry and the Quantitative Biology Modeling Initiative,- J Phys Chem B. 2009 Feb 12;113(6):1662-72. ([DOI Direct Link](#))
 - [Effect of the vehicle on the topical itraconazole efficacy for treating corneal ulcers caused by Aspergillus fumigatus.](#)
BACKGROUND: The clinical behaviour of mycotic keratitis is aggressive, and... 28th October, 2008
 Grupo Medico Claros, Instituto Mexicano del Seguro Social and Unidad de- Clin Experiment Ophthalmol. 2008 May;36(4):335-8. ([DOI Direct Link](#))
 - [Determination of moisture and fat in meats by microwave and nuclear magnetic resonance analysis: collaborative study.](#)
Ten laboratories participated in a collaborative study to determine the... 26th September, 2008
 CEM Corp., 3100 Smith Farm Rd, Matthews, NC 28104, USA.- J AOAC Int. 2008 Jul-Aug;91(4):802-10.
 - [Double aortic arch suspected upon transthoracic echocardiography and diagnosed upon computed tomography.](#)
FTY720 (fingolimod) is a structural analogue of sphingosine, an endogenous... 4th July, 2008
 Department of Cardiology, Gulhane Military Medical School, 06018 Etlik,- Tex Heart Inst J. 2008;35(1):80-1.
 - [Behcet's syndrome](#)
Behcet's syndrome (BS) is characterized by recurrent episodes of... 18th June, 2008
 Cem Gabay, Service de rhumatologie,- Rev Med Suisse. 2008 Mar 19;4(149):728-30, 732-3.
 - [FTY720 \(fingolimod\) for relapsing multiple sclerosis.](#)
FTY720 (fingolimod) is a structural analogue of sphingosine, an endogenous... 5th June, 2008
 Clinical Neuroimmunology Unit, Multiple Sclerosis Center of Catalonia- Expert Rev Neurother. 2008 May;8(5):699-714. ([DOI Direct Link](#))
 - [Knowledge and interest of Turkish women about cervical cancer and HPV vaccine.](#)
OBJECTIVE: We aimed to evaluate the knowledge and interest level of... 30th April, 2008
 Department of Obstetrics and Gynecology, Yeditepe University School of- Eur J Gynaecol Oncol. 2008;29(1):76-9.

Press Releases on CEM Corporation:

FDA Accepts Once Daily 23 mg Aricept(R) Extended Release NDA for Review	24th November, 2009	Eisai Inc.	WOODCLIFF LAKE, N.J. and NEW YORK, Nov. 24 /PRNewswire/ -- Eisai Inc. and Pfizer Inc announced today that the U.S. Food and Drug Administration (FDA) has accepted for review Eisai's New Drug PLYMOUTH MEETING, Pa., Nov. 24 /PRNewswire-Asia-FirstCall/ -- BMP Sunstone Corporation (Nasdaq: BJGP) ("BMP Sunstone" or the "Company") today announced that the Company will
BMP Sunstone to Present at Piper Jaffray Health Care Conference	24th November, 2009	BMP Sunstone Corporation	NOVATO, Calif., Nov. 24 /PRNewswire-FirstCall/ -- BioMarin Pharmaceutical Inc. (Nasdaq: BMRN) today announced that Jean-Jacques Bienaime, Chief Executive Officer of BioMarin, will present a company
BioMarin to Present at the NASDAQ OMX 23rd Investor Program	24th November, 2009	BioMarin Pharmaceutical Inc.	ST. LOUIS, Nov. 24 /PRNewswire-FirstCall/ -- Centene Corporation (NYSE: CNC) today announced that the Mississippi Division of Medicaid has selected Centene as one of two Coordinated Care Organizations
Centene Corporation Receives Notification of Intent to Contract From the State of Mississippi	24th November, 2009	Centene Corporation	ST. LOUIS, Nov. 24 /PRNewswire-FirstCall/ -- Sigma-Aldrich Corporation (Nasdaq: SIAL) will be presenting at the NASDAQ OMX conference on Tuesday, December 1st at 1:45 PM GMT in London, 7:45 AM US/CST.
Sigma-Aldrich to Present at the NASDAQ OMX 23rd Investor Program on Tuesday, December 1, 2009	24th November, 2009	Sigma-Aldrich Corporation	

BioNews Results for CEM Corporation



- [Carpets, Heating and Air-Conditioning: Hazardous For Health](#)
MedIndia: Nov 12 2009 6:08PM Matching: cem
- [Poorly maintained heating and air-conditioning systems and carpeting may lead to poor health](#)
News-Medical.Net: Nov 9 2009 8:14AM Matching: cem
- [Heating, Air-Conditioning and Carpets May Be Hazardous to Your Health](#)
Newswise: Nov 7 2009 1:52PM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
Pharma Live: Oct 30 2009 1:24PM Matching: cem

- [Data Presented on Cempra Pharmaceutical's CEM-101 at the Infectious Diseases Society of America Annual Meeting](#)
Pharma Live: Oct 30 2009 1:26PM Matching: cem
- [Statins may reduce cholesterol content of erythrocyte membranes](#)
MedWire News: Oct 30 2009 7:05PM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
Pharmacy Choice: Oct 29 2009 11:08AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
South Florida Business Journal: Oct 29 2009 8:46AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America Annual Meeting Highlight Properties That Make It an Excellent Anti-MRSA Candidate](#)
Red Orbit: Oct 29 2009 8:45AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
Business First of Louisville: Oct 29 2009 8:33AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
Atlanta Business Chronicle: Oct 29 2009 8:24AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
Business Journal of Jacksonville: Oct 29 2009 8:21AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
St Louis Business Journal: Oct 29 2009 7:45AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
San Jose Business Journal: Oct 29 2009 7:33AM Matching: cem
- [Presentations of Cempra Pharmaceutical's CEM-102 \(fusidic acid\) at the Infectious Diseases Society of America](#)
New Mexico Business Weekly: Oct 29 2009 7:29AM Matching: cem

CEM Corporation Patents:



- 6246038- [Pressure sensing reaction vessel for microwave assisted chemistry](#)
- 6548303- [Method and apparatus for rapid fat content determination](#)
- 6548304- [Method and apparatus for rapid fat content determination](#)
- 6566637- [Microwave assisted content analyzer](#)
- 6607920- [Attenuator system for microwave-assisted chemical synthesis](#)
- 6630652- [Microwave-assisted chemical synthesis instrument with fixed tuning](#)
- 6649889- [Microwave-assisted chemical synthesis instrument with fixed tuning](#)
- 6713739- [Microwave-assisted chemical synthesis instrument with fixed tuning](#)
- 6744024- [Reaction and temperature control for high power microwave-assisted chemistry techniques](#)

- 6753517- [Microwave-assisted chemical synthesis instrument with fixed tuning](#)
- 6787362- [Method and apparatus for rapid fat content determination](#)
- 6534140- [Pressure vessel with composite sleeve](#)
- 6521876- [Microwave volatiles analyzer with high efficiency cavity](#)
- 6462321- [Microwave assisted content analyzer](#)
- 6258329- [Microwave transparent vessel for microwave assisted chemical processes](#)
- 6268570- [Method for correcting weight measurement errors during microwave heating](#)
- 6281484- [In-cavity connectors for system detectors in microwave assisted processes](#)
- 6287526- [Sealing closure for high pressure vessels in microwave assisted chemistry](#)
- 6288379- [Use of continuously variable power in microwave assisted chemistry](#)
- 6294772- [Microwave probe applicator for physical and chemical processes](#)
- 6302577- [Microwave apparatus and method for achieving accurate weight measurements](#)
- 6307190- [In-cavity connectors for system detectors in microwave assisted processes](#)
- 6320170- [Microwave volatiles analyzer with high efficiency cavity](#)
- 6373040- [In-cavity connectors for system detectors in microwave assisted processes](#)
- 6863871- [Sealing closure for high pressure vessels in microwave assisted chemistry](#)
- 6867400- [Method and apparatus for continuous flow microwave-assisted chemistry techniques](#)
- 7214913- [Controlled flow instrument for microwave assisted chemistry with high viscosity liquids and heterogeneous mixtures](#)
- 7220591- [Method and apparatus for rapid fat content determination](#)
- 7282184- [Microwave assisted chemical synthesis instrument with controlled pressure release](#)
- 7307248- [Method and apparatus for microwave assisted high throughput high pressure chemical synthesis](#)
- 7348526- [Microwave-assisted chromatography preparation](#)
- 7393920- [Microwave-assisted peptide synthesis](#)
- 7405381- [Real-time imaging and spectroscopy during microwave assisted chemistry](#)
- 7550560- [Microwave-assisted peptide synthesis](#)
- 7563865- [Microwave-assisted peptide synthesis](#)
- 7581876- [Dual energy source loss-on-drying instrument](#)
- 7208709- [Pressure measurement in microwave-assisted chemical synthesis](#)
- 7144739- [Pressure measurement and relief for microwave-assisted chemical reactions](#)
- 7141769- [Spectroscopy-based real-time control for microwave-assisted chemistry](#)
- 6886408- [Pressure measurement in microwave-assisted chemical synthesis](#)
- 6917023- [Reaction and temperature control for high power microwave-assisted chemistry techniques](#)
- 6926939- [Pressure vessel with composite sleeve](#)
- 6927371- [Pressure vessel with composite sleeve](#)
- 6941987- [Apparatus for clearing log jams in disc type chipper](#)
- 6966226- [Pressure measurement in microwave-assisted chemical synthesis](#)
- 6989519- [Controlled flow instrument for microwave assisted chemistry with high viscosity liquids and heterogeneous mixtures](#)
- 7041947- [Controlled flow instrument for microwave assisted chemistry with high viscosity liquids and heterogeneous mixtures](#)
- 7109452- [Controlled flow instrument for microwave assisted chemistry with high viscosity liquids and heterogeneous mixtures](#)
- 7125721- [Method and apparatus for rapid fat content determination](#)
- 7582728- [Microwave-assisted peptide synthesis](#)

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