

SUPERCritical WATCH

Your weekly report about supercritical and subcritical processes **to make good decisions**



Weekly Report : 6th to 13th December 2018

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SCF Companies

Scientific paper & news

SCF Products market

Extended technologies

Events

December 8 2018

[2019 offre Mission Qualitropic](#)

[Pôle IAR](#)

Mission Exploratoire Biodiversité - Ingrédients - Biocontrôle ILE DE LA REUNION 25 - 29 MARS 2019



4 days of companies sightseeing tour in Réunion Island including a company specialized in supercritical CO₂ extracts : SAS Réunion Ecoex (Page 2)



December 9 2018

[Featured Speakers - NanoWorld Conference](#)

<https://nanoworldconference.com/featured-speakers.php>

NANO Boston Conference has series of keynote talks, poster presentations and ... Title: Fabrication of Nanomedicine Based on Supercritical CO₂ antisolvent.

NANO BOSTON CONFERENCE

Third Round Abstract Submission Ends: February 05, 2018



NANO Boston conference will be held in April. Among invited speakers : Yaping Zhao from Shanghai Jiao Tong University, China will make a lecture on Fabrication of Nanomedicine Based on Supercritical CO₂ antisolvent

December 9 2018

[Supercritical CO₂ Power Cycles Symposium](#)

www.sco2symposium.com/

The 7th International Supercritical CO₂ Power Cycles Symposium, co-sponsored by the US Department of Energy National Energy Technology Laboratory ...



The 7th Edition of this symposium will be held on march 2010 in USA

December 12 2018

[Focus Matériau & Procédé du 28 novembre 2018 \(version courte.
 <https://www.youtube.com/watch?v=ypFkn7Fq6Wc>](#)

Ajouté par Matikem

Au programme de cette journée : les caractér... .. les caractéristiques extraordinaires du graphène, et les ...



Short video on technical workshop organized on 28 november on supercritical fluids



SCF
companies

December 7 2018

[Exhibitions and Events | LEWA](#)

<https://www.lewa.com/en/lewa-group/exhibitions-and-events/>

- iiAR Natural Refrigeration Conference & Heavy Equipment Expo ... developments and innovations based on the extraordinary properties of supercritical fluids.



Lewa company will attend next European Meeting on Sc Fluids at Ciudad Real, Spain



December 9 2018

[Top Industrie | LinkedIn](#)

<https://fr.linkedin.com/company/top-industrie>

Top Industrie shared its knowledge in the field of supercritical fluids at the 3rd ... edition comes after the 12th International Symposium on Supercritical Fluids ...



December 10 2018

[Nanoform continues rapid expansion with construction of GMP manufacturing plant](#)

<http://www.nanoform.fi/2018/12/10/nanoform..>

Helsinki, Finland ... an innovative drug enabling nanotechnology company, has announced the construction of a GMP manufacturing plant to provide API 'solution to particle' nanonization for clinical trials. A nine-year contract has been signed to build the 600m2 facility at Cultivator II in Viikki Life Science Park, Helsinki, with the plant set to begin operations in 2019.



December 11 2018

[Cannabistry Labs and Thar Process Join Forces to Exclusively Launch ...](#)

<https://www.prnewswire.com/.../cannabistry-labs-and-thar-process>

The new partnership's supercritical technology will be offered and deployed throughout ... Thar Process, Inc. is the global innovation leader in supercritical CO2 ...



December 10 2018

[Vitalis Extraction Technology Granted Patent for Design of Its Flow ...](#)

www.cannabisbusinesstimes.com/.../vitalis-extraction-technology

KELOWNA, British Columbia, Dec. 10, 2018 /PRNewswire/ -- PRESS RELEASE -- Vitalis Extraction Technology, an industrial-scale supercritical CO2 extraction ...



December 11 2018

[Echogen® WHR System - Power plant solutions - Global - Siemens](#)

<https://new.siemens.com/global/en/.../echogen-technology.html>

An Echogen® waste heat recovery system uses supercritical carbon dioxide (sCO2) as the working fluid to convert waste heat into power.



December 13 2018

[Emplois : Technicien Purification - décembre 2018 | Indeed.fr](#)

<https://www.indeed.fr/Emplois-Technicien-Purification>

Technicien Supérieur en Chromatographie Préparative H/F*. Purifications et séparations chirales par chromatographie liquide HPLC ou supercritique SFC à I.



 **Jog Offer : Technician specialized in purification including supercritical chromatography**

December 13 2018

[CrystecPharma Ltd @CrystecPharma](#)

Crystec are having a fantastic time in Edinburgh for #DDL2018. If you would like to meet to learn how #mSAS (modified supercritical anti-solvent) technology can be applied to the development of your #inhaled products, please get in touch



 **Detected on Twitter : direct Link to website :**
<http://www.crystecpharma.com/science/case-studies/oral-to-inhalable.html>

Scientific news & papers

December 6 2018

[Gradignan - 33170 - Gironde : marchés publics et appels d'offres](https://centraledesmarches.com/villes/33170-gradignan)
<https://centraledesmarches.com/villes/33170-gradignan>

Achat d'un pilote d'extraction solide/liquide et fractionnement liquide/fluide par CO₂ Supercritique et Co-solvants (ENSCBP). 1 Lots. Autres marchés | Procédure ...



Purchase call for supercritical extraction pilote, Bordeaux School of Chemistry



December 7 2018

[Research Associate/Fellow in Supercritical Fluid Modelling \(fixed term ...](https://www.jobs.ac.uk/.../research-associate-fellow-in-supercritical...)

<https://www.jobs.ac.uk/.../research-associate-fellow-in-supercritical...>

A postdoctoral researcher is required to work on an EPSRC project focused on the delivery of self-optimising continuous hydrothermal reactors for the synthesis ...



December 8 2018

[The Effects of Foaming Conditions on Plasticized Polyvinyl Chloride](https://www.sciencedirect.com/science/article/.../S22147853183243..)
<https://www.sciencedirect.com/science/article/.../S22147853183243..>

This research studies the effects of foaming conditions by using supercritical (scCO₂) ... [18]: C.G. Munters, J.G. Tandberg, Heat Insulation, United States Patent ...

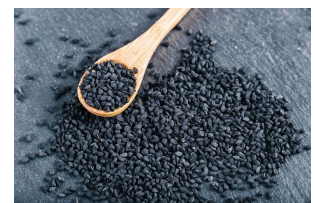


December 11 2018

[Sabinsa prevails in black cumin seed extract comparison](https://www.nutraingredients-usa.com/.../Sabinsa-prevails-in-black-...)

<https://www.nutraingredients-usa.com/.../Sabinsa-prevails-in-black-...>

Four commercial extracts were also compared. One was Sabinsa's supercritical CO₂ extract, branded as Nigellin, and three others were cold pressed seed oils ...



December 11 2018

[Archive ouverte HAL - Procédés d'extraction et de purification de ...](https://hal.archives-ouvertes.fr/tel-01752333v1)
<https://hal.archives-ouvertes.fr/tel-01752333v1>

<https://hal.univ-lorraine.fr/tel-01752333>. Contributeur : Thèses UI <>
 Soumis le : mardi 11 décembre 2018 - 10:41:02. Dernière modification le : mardi 11 ..



Thesis on purification and extraction on wood biomass



December 12 2018

[Stratégies chromatographiques en phase liquide et supercritique pour ...](https://hal.archives-ouvertes.fr/tel-01953059v1)

<https://hal.archives-ouvertes.fr/tel-01953059v1>

Le profilage d'impuretés de candidats médicaments est une préoccupation majeure des industries pharmaceutiques. L'identification et la quantification des ..



December 12 2018

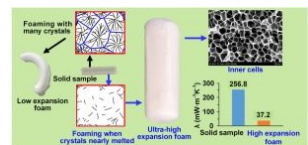
[Supercritical Fluid Extraction of Animal Fat](#)
[Curtin Malaysia ORD/CMRI](#)

Supercritical Fluid Extraction methodology being extended at the Pilot Plant Facility at Curtin Malaysia.



[Ultra-high expansion linear polypropylene foams prepared in a semi-molten state under supercritical CO2](#)

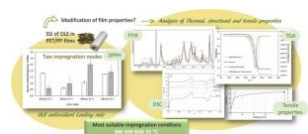
Junji Hou, Guoqun Zhao, Guilong Wang, Lei Zhang, ... Li Bo
 In Press, Accepted Manuscript, Available online 8 December 2018



Source Science Direct

[Effect of Supercritical CO2 and Olive Leaf Extract on the Structural, Thermal and Mechanical Properties of an Impregnated Food Packaging Film](#)

C. Cejudo Bastante, M.J. Cran, L. Casas Cardoso, C. Mantell Serrano, ... S.W. Bigger
 In Press, Accepted Manuscript, Available online 10 December 2018



Source Science Direct

SCF markets & products

December 6 2018

[L'huile ensorcelante de chez Garancia : A-t-elle vraiment des ... Apprendre à rêver](#)

... L'huile ensorcelante de chez Garancia : A-t-elle vraiment des supers



General public article on Garancia face oil containing CO₂ extract



December 6 2018

[Les Eaux Primordiales](#)

https://parfumerie-aristide.com/font-color91269abevenements-calendrier-de-noelfont/contenu_6107.html

Arnaud POULAIN, créateur des parfums les Eaux Primordiales sera présent le Vendredi 30 novembre de 9h à 20h et samedi 1 décembre de 9h à 19h - pour le lancement national de sa nouvelle collection Supercritique : rose - gardénia - champaca.



Launch by a French Perfumer of its new collection named Supercritical



December 13 2018

[The House of Robertet: 200 Years of Passion for Nature ~ Columns](#)

<https://www.fragrantica.com/.../The-House-of-Robertet-200-Years-...>

... to harvesting and then extraction, Robertet intervenes at all levels of production. ... of the Hiltex plant in Brittany, for a cleaner extraction with supercritical CO₂.



ROBERTET
GROUPE

If information about event, company, scientific articles appear on the Internet several times (either on one week or one month) : the piece of information will be placed only once in the Supercritical Watch Weekly Report.

Due to the huge number of data editing or up-dating every week on CBD process, products, consumer advice : only a selection of news is done and reported in the Supercritical Watch Report.

Comments or advice on web article lecture is provided through the following icon :