

SUPERCritical WATCH

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



Weekly Report : 21st to 28th February 2018

Watch realized by **Kasop Tech & Event** | Collect and sorting of relevant data | All links are checked | [Subscribe now](#)

Events Events

February 23 2018

[Equipment and services for Preparative and Analytical Supercritical ...](#)

www.pic-sfc.com/news1.html

2018 Conferences. The major SFC conference (SFC 2018) will be in Strasbourg, France. This breaks with past practice where the SFC meeting has been held at the same time/place as the PREP or SPICA meeting.



Oral Abstract Dead line Submission : May 1



SFC 2018 -
Strasbourg,
France



February 21 2018

[Online Conference Programme](#)

programme.eubce.com/search.php?topic=2

Yasutaka WADA The Chugoku Electric Power, Energia Economic & Technical Research Institute, JAPAN One Month Daily Start and Stop Supercritical Water Gasification Test Plan for Residue of Shochu (Japanese Distilled Liquor) to Create Renewable Energy Session reference: 2BO.2.4 ...



EUBCE 2018

26th EUROPEAN BIOMASS CONFERENCE & EXHIBITION
14 - 17 MAY CONFERENCE & EXHIBITION | 18 MAY TECHNICAL TOURS

COPENHAGEN - DENMARK
BELLA CENTER

February 22 2018

[L'ISIPCA organise une journée technique - Mesures](#)

www.mesures.com/instrumentation/.../14995-l-isipca-organise-une-journee-technique

- Pour cette première édition, l'école a choisi de mettre en avant les fluides supercritiques et leur utilisation en extraction. Entre le retour aux sou...



*Technical Day on supercritical fluids
organized by ISIPCA, France*





February 23 2018

[Pole IAR](#)

www.iar-pole.com/

Le 22 mars 2018 et le 11 avril 2018. Journée

Technique extraction.



Technical Days on extraction and separation technologies, organized by IAR French Cluster



February 23 2018

[Meetings & Seminars - Waters](#)

www.waters.com/waters/en_NG/Meetings-%26..nav.htm?cid...

March 1, 2018, Imaging Mass Spectrometry Mini-Symposium. New York, NY |

Type: Symposium Joint venture symposium between Columbia University and Waters Corporation discussing Tissue Imaging Mass Spec - MALDI/DESI, Techniques for Drug Distribution and Pharmacology, Lipidomics and .



Waters seminars and conferences program

Waters
THE SCIENCE OF WHAT'S POSSIBLE.®

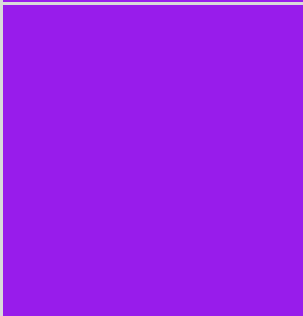


February 23 2018

[Technology | Advanced Extraction Systems](#)

[Technology | Advanced Extraction Systems](#)

Quick Extraction using safe non-toxic CO2



February 27 2018

[CELABOR RECRUTE!](#)

Un(e) responsable de projets Environnement Afin de renforcer le département environnement, CELABOR SCRL, centre de recherche privé au service des entreprises, engage un(e)



responsable de projets actif dans le secteur de l'environnement (principalement le traitement des eaux et des déchets).

[Détecté sur LinkedIn](#)



Job offer for Environment project manager at Celabor, Belgium

February 27 2018

[Développement et validation de méthodes en chromatographie en phasesupercritique \(H/F\)](#)

Servier Campus - Lieu de travail Orléans, FR

[Détecté sur LinkedIn](#)



Job offer on sc. chromatography at Servier Campus, France



February 22 2018

[Q-Series Extraction Process Overview](#)

[Vitalis Extraction Tech](#)

A video walkthrough of the extraction process on a Vitalis Q-Series supercritical CO2 extraction machine.

Q-SERIES

- Up to 175 lbs Daily Capacity
- Up to 5000 psi Extraction Pressure
- 15g/min Liquid CO₂ Pump
- 30°F - 160°F Extraction Temperatures
- Dual Separation and Collection
- Continuous 24/7 Operation
- ASME-UNB
- CUA/UL
- CSA-CRN



February 22 2018

[TZ-889A 自動束帶機-上宇精密股份有限公司- Product List - BioTaiwan ...](#)

<https://www.biotaiwanexhibition.com/en/visitorProductDetail.asp?...>

Machine.Supercritical Fluid Preparative scale CO2 extraction Equipment. Auto banding machine TZ-888. Centrifugal Evaporator, DNA concentrator. H2O2 decontamination system. Ultrasonic 17L LabExtraction Equipment. Stand for banding machine.



TST will attend Biotaiwan 2018 exhibition from 19 to 22 July 2018



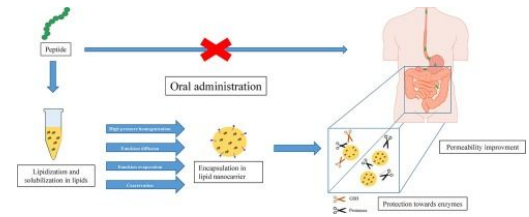
Scientific papers and news
scientific papers and news

February 21 2018

[PhD oral defences | School of Graduate Studies | Memorial University ...](#)

<https://www.mun.ca/sgs/news/defences/index.php>

Il y a 6 jours - Faculty of Engineering & Applied Sciences. 2:30 p.m. (NL time) Friday March 16th 2018. Room IIC 2014 (Beatrice Watts Boardroom), Bruneau Centre for Research & Innovation. Experimental Investigation of Surfactant-enhanced Washing and **Supercritical** CO2 Extraction Processes for Waste Drilling Mud Remediation ...



February 25 2018

[Loyalist College - Supercritical CO2 Extraction Laboratory - YouTube](#)

Loyalist College - Supercritical CO2 Extraction Laboratory

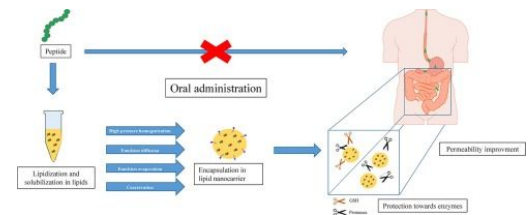


February 21 2018

[Lipid-based nanosuspensions for oral delivery of peptides, a critical ...](#)

<https://www.sciencedirect.com/science/article/.../S03785173183011...> -

Insulin, Solid lipid: glyceryl tristearate, Supercritical fluid, High EE, proven in vivo activity, (Salmaso et al., 2009). Surfactants: In another patent from Gasco, other examples of peptides encapsulated in SLNs are provided, with the additional claim of being capable to cross mucosal and brain blood barrier. Then, 80% of ...



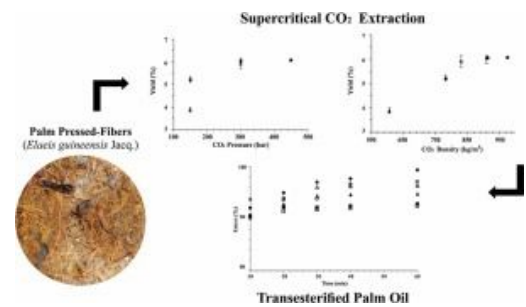
[.Transesterification of Palm Pressed-Fibers \(Elaeis guineensis Jacq.\) Oil by Supercritical Fluid Carbon Dioxide with Entrainer Ethanol](#)

In Press, Accepted Manuscript, Available online

24 February 2018

Fernanda Wariss Figueiredo Bezerra, Wanessa Almeida da Costa, Mozaniel Santana de Oliveira, Eloisa Helena de Aguiar Andrade, Raul Nunes de Carvalho

[Source : Science Direct](#)



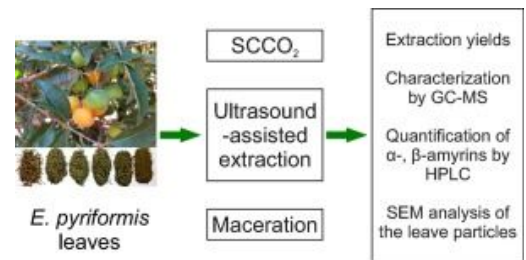
[USE OF SUPERCRITICAL CO₂ AND ULTRASOUND-ASSISTED EXTRACTIONS TO OBTAIN α/β-AMYRIN-RICH EXTRACTS FROM UVAIA LEAVES \(Eugenia pyriformisCambess.\)](#)

In Press, Accepted Manuscript, Available online

23 February 2018

Elissandro Jair Klein, Kátia Andressa Santos, Fernando Palú, Melissa Gurgel Adeodato Vieira, Edson Antônio da Silva

[Source : Science Direct](#)



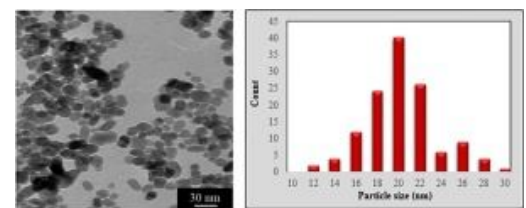
[Supercritical water hydrothermal synthesis of Bi₂O₃ nanoparticles: process optimization using response surface methodology based on population balance equation](#)

In Press, Accepted Manuscript, Available online

23 February 2018

M.R. Mozdianfard, F. Masoodiyeh, J. Karimi-Sabet

[Source : Science Direct](#)



SCF
Products
Market
SCF
Products
Market

February 21 2018

[Santé oculaire / Vision : compléments alimentaires - NUTRIXEAL](#)

<https://www.nutrixéal.fr/sante-oculaire-vision-compléments-alimentaires-c102x689562>

VisioXanthine Astaxanthine en Extraction CO2 supercritique, lutéine, zinc et extrait de myrtilles. Vision : protection antioxydante et vasculaire contre le vieillissement des yeux.



Dietary complement for sight containing sc CO₂ extract of Astaxanthin, Nutrixéal French Company

February 25 2018

[Copal CO2 Extract - White Sage Landing](#)

White Sage Landing copal co2 extract 2

CO₂ extracts are sourced in South Africa and distributed by White Sage Landing



February 24 2018

[Caraway Seed CO2 10 mL: Essential Oils | Plant Therapy](#)

[Plant Therapy](#)

Caraway Seed CO2 10 mL

Caraway CO₂ extracts are sourced in Poland and distributed by Plant Therapy



February 23 2018

[Huile de CBG 4% ALPHA-CAT : 400 mg de CBG dans 10 ml](#)

<https://www.hexagonevert.fr> > ...

Le chanvre utilisé pour l'extraction de l'huile de CBG 4% ALPHA-CAT est un chanvre naturel, exempt de tous métaux lourds, pesticides ou autres polluants. Cultivé en Europe et issu de semences certifiées et reconnues par la France, l'huile de CBG 4% ALPHA-CAT ...

CBG oil made from hemp harvested in Europe and certified in France, extract by Sc CO₂



February 28 2018

[Ultrafast analysis using supercritical fluid chromatography ...](#)

<https://www.chromatographytoday.com/...supercritical...chromatog...>

- Medium and high-throughput laboratories traditionally use UHPLC and HPLC solutions for their sample evaluations, compound discovery and routine analysis of mixtures. Click to read more..



Extended
technologies
extended
technologies

February 23 2018

[Dr. Harsh Vardhan inaugurates the country's first and only ...](#)

<https://researchmatters.in/.../dr-harsh-varadhan-inaugurates-country'...>

Dr. Harsh Vardhan, Hon'ble Union Minister of Science and Technology, Environment, Forest and Climate Change and Earth Sciences visited Indian Institute of Science (IISc), Bengaluru to inaugurate the supercritical carbon dioxide Brayton cycle test loop facility.



February 27 2018

[Deinove : commercialisation imminente, le titre s'envole | Le Revenu](#)

<https://www.lerevenu.com/...en.../deinove-commercialisation-imminente-le-titre-senvo...>

Le petit groupe de chimie verte a réussi l'industrialisation d'un de ses produits pour le marché cosmétique. Il confirme un lancement commercial dès le début du deuxième trimestre. En Bourse, l'action Deinove s'envolait de plus de 40%, le 27 février en milieu de journée.



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 :