

# Novità in OCL

## Oilseeds and fats, Crops and Lipids



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### Topical issue in progress: **Rapessed**

- *Value of hydroalcoholic treatment of rapeseed for oil extraction and protein enrichment*  
Morgane Citeau, Jennifer Regis, Patrick Carré et Frédéric Fine  
OCL, 26 (2019) 1  
DOI: <https://doi.org/10.1051/ocl/2018035>
- *Oilseed brassica in India: Demand, supply, policy perspective and future potential*  
R.S. Jat, V.V. Singh, Pankaj Sharma et P.K. Rai  
OCL, 26 (2019) 8  
DOI: <https://doi.org/10.1051/ocl/2019005>
- *Reaction of some rapeseed (*Brassica napus* L.) genotypes to different drought stress levels during germination and seedling growth stages*  
Souhail Channaoui, Imane Saghour El Idrissi, Hamid Mazouz et Abdelghani Nabloussi  
OCL, 26 (2019) 23  
DOI: <https://doi.org/10.1051/ocl/2019020>
- *Rapeseed: how to value varieties with higher nitrogen use efficiency in France*  
Edwige Charbonnier, Aline Fugeray-Scarbel et Stéphane Lemarié  
OCL, 26 (2019) 26  
DOI: <https://doi.org/10.1051/ocl/2019021>
- *From one rapeseed congress to another: what research for which issues, A review of the Saskatoon 2015 conference in the perspective of Berlin 2019*  
Etienne Pilorgé, Francis Flénet, Alain Quinsac et Xavier Pinochet  
OCL, 26 (2019) 30  
DOI: <https://doi.org/10.1051/ocl/2019026>
- *Development and evaluation of diverse promising rapeseed (*Brassica napus* L.) mutants using physical and chemical mutagens*  
Souhail Channaoui, Mostapha Labhilili, Mohamed Mouhib, Hamid Mazouz, Mohamed El Fechtali et Abdelghani Nabloussi  
OCL, 26 (2019) 35  
DOI: <https://doi.org/10.1051/ocl/2019031>
- *Assessment of a set of rapeseed (*Brassica napus* L.) varieties under waterlogging stress at different plant growth stages*  
Abdelghani Nabloussi, Hakima Bahri, Mariame

Lakbir, Hajar Moukane, Abdellah Kajji et Mohamed El Fechtali  
OCL, 26 (2019) 36  
DOI: <https://doi.org/10.1051/ocl/2019033>

### Topical issue in progress: **Sunflower and climate change**

- *Recent advances on the characterization and control of sunflower soilborne pathogens under climate change conditions*  
Leire Molinero-Ruiz  
OCL, 26 (2019) 2  
DOI: <https://doi.org/10.1051/ocl/2018046>
- *Influence of environmental conditions on the virulence and distribution of *Orobanche cumana* Wallr. in the Republic of Moldova*  
Maria Duca, Steliana Clapco, Maria Nedelcov et Lidia Dencicov  
OCL, 26 (2019) 3  
DOI: <https://doi.org/10.1051/ocl/2018049>
- *Shifts in the abiotic and biotic environment of cultivated sunflower under future climate change*  
Zia Mehrabi, Samuel Pironon, Michael Kantar, Navin Ramankutty et Loren Rieseberg  
OCL, 26 (2019) 9  
DOI: <https://doi.org/10.1051/ocl/2019003>
- *Phomopsis stem canker of sunflower in North America: correlation with climate and solutions through breeding and management*  
Brent S. Hulke, Samuel G. Markell, Nolan C. Kane et Febina M. Mathew  
OCL, 26 (2019) 13  
DOI: <https://doi.org/10.1051/ocl/2019011>

### Topical issue in progress: **Lipids in the elderly: needs, nutrition and physiopathology**

- *Fragilité de la personne âgée : un aperçu du rôle de la nutrition*  
Catherine Féart  
OCL, 26 (2019) 6  
DOI: <https://doi.org/10.1051/ocl/2018064>
- *Ceramides metabolism and impaired epidermal barrier in cutaneous diseases and skin aging: focus on the role of the enzyme PNPLA1 in the synthesis of  $\omega$ -O-acylceramides and its pathophysiological involvement in some forms of congenital ichthyoses*  
Nathalie Jonca  
OCL, 26 (2019) 17  
DOI: <https://doi.org/10.1051/ocl/2019013>
- *Nutritional requirements during ageing*  
Jean-Michel Lecerf  
OCL, 26 (2019) 22  
DOI: <https://doi.org/10.1051/ocl/2019015>
- *Accumulation of intramuscular toxic lipids, a link between fat mass accumulation and sarcopenia*  
Frederic Capel, Alexandre Pinel et Stéphane Walrand

OCL, 26 (2019) 24

DOI: <https://doi.org/10.1051/ocl/2019023>

- *La place des lipides dans les compléments nutritionnels oraux (CNO)*

Cécile Bonhomme

OCL, 26 (2019) 31

DOI: <https://doi.org/10.1051/ocl/2019017>

#### Topical issue in progress: **The oil & protein crop supply chain in Eastern Europe**

- *The German National Reference Centre for Authentic Food (NRZ-Authent)*  
Bertrand Matthäus, Ina Willenberg, Stefan Engert et Pablo Steinberg  
OCL, 26 (2019) 11  
DOI: <https://doi.org/10.1051/ocl/2019010>
- *Sunflower (*Helianthus annuus L.*) genetic resources, production and researches in Turkey*  
Ahmet Semsettin Tan et Yalcin Kaya  
OCL, 26 (2019) 21  
DOI: <https://doi.org/10.1051/ocl/2019004>
- *Confectionery sunflower breeding and supply chain in Eastern Europe*  
Nada Hladni et Dragana Miladinović  
OCL, 26 (2019) 29  
DOI: <https://doi.org/10.1051/ocl/2019019>

#### Topical issue in progress: **Technological challenges in oilseed crushing and refining**

- *Pistacia lentiscus L. edible oil: green extraction with bio-based solvents, metabolite profiling and in vitro anti-inflammatory activity*  
Emna Chaabani, Maryline Abert Vian, Sarra Dakhlaoui, Soumaya Bourgou, Farid Chemat et Riadh Ksouri  
OCL, 26 (2019) 25  
DOI: <https://doi.org/10.1051/ocl/2019024>

#### Topical issue in progress: **Lipids and health**

- *Pistacia lentiscus L. edible oil: green extraction Evaluation of green extraction methods on the chemical and nutritional aspects of roselle seed (*Hibiscus sabdariffa L.*) oil*  
Moahamed A. Naeem, Hamdy A. Zahran et Minar M.M. Hassanein  
OCL, 26 (2019) 33  
DOI: <https://doi.org/10.1051/ocl/2019030>
- *Efficiency of public-private co-regulation in the food sector: the French voluntary agreements for nutritional improvements*  
Clementina Sebillotte  
OCL, 26 (2019) 34  
DOI: <https://doi.org/10.1051/ocl/2019029>
- *Involvement of polyunsaturated fatty acids in the control of energy storage and expenditure*  
Didier F. Pisani et Gérard Ailhaud  
OCL, 26 (2019) 37  
DOI: <https://doi.org/10.1051/ocl/2019032>

## Agronomy

- *Precision agriculture in oil palm plantations: diagnostic tools for sustainable N and K nutrient supply*  
Bernard Dubos, Victor Baron, Xavier Bonneau, Olivier Dassou, Albert Flori, Reinout Impens, Jean Ollivier et Lénaïc Pardon  
OCL, 26 (2019) 5  
DOI: <https://doi.org/10.1051/ocl/2019001>
- *Les facteurs influençant le rendement oléicole : cas de la région de Jijel du Nord-Est algérien*  
Moussa Lachibi, Fouèd Chehat et Fathi Abdellatif Belhouadjeb  
OCL, 26 (2019) 12  
DOI: <https://doi.org/10.1051/ocl/2019008>

## Economy - Development

- *Un modèle économique et social pour la conservation de la biodiversité : des filières oléagineuses durables issues de produits forestiers non ligneux (PFNL) pour préserver la Réserve de Faune du Dja (RFD) au Cameroun*  
Emmanuelle Roques, Cécile Lachaux, Théo Tournebize, Aimé Manfred Epanda et Miranda Mikam Akongongol  
OCL, 26 (2019) 7  
DOI: <https://doi.org/10.1051/ocl/2018065>
- *Characterization and fatty acid profile analysis of oil extracted from unexploited seed of African star apple (Udara)*  
Kingsley Ozioma Omeje, Okechukwu Kalu Iroha, Affiong Asuquo Edeke, Henry Chimezie Omeje et Victor Onukwube Apeh  
OCL, 26 (2019) 10  
DOI: <https://doi.org/10.1051/ocl/2019007>
- *Effect of maturity stage on the chemical composition of argan fruit pulp*  
Hicham Harhar, Said Gharby, Yousra El Idrissi, Daniel Pioch, Bertrand Matthäus, Zoubida Charrouf et Mohamed Tabyaoui  
OCL, 26 (2019) 15  
DOI: <https://doi.org/10.1051/ocl/2019012>

## Technology

- *A review on newer techniques in extraction of oleaginous flaxseed constituents*  
Mayuri Sharma, Kritika Dadhwal, Yogesh Gat, Vikas Kumar, Anil Panghal, Rasane Prasad, Sawinder Kaur et Punam Gat  
OCL, 26 (2019) 14  
DOI: <https://doi.org/10.1051/ocl/2019006>
- *Model development to enhance the solvent extraction of rice bran oil*  
Fajriyati Mas'ud, Fajar, Herman Bangngalino, Sri Indriati, Abigael Todingbua, Suhardi et Muhammad Sayuti

OCL, 26 (2019) 16

DOI: <https://doi.org/10.1051/ocl/2019009>

- *Ethanol extraction of canola oil: Kinetics and effects of type of solvent and microwave-pretreatment*

Ramiro J. Sánchez, María B. Fernández et Susana M. Nolasco

OCL, 26 (2019) 27

DOI: <https://doi.org/10.1051/ocl/2019025>

#### **Nutrition - Health**

- *Physicochemical properties of new peanut (*Arachis hypogaea* L.) varieties*

Hamdy A. Zahran et Hesham Z. Tawfeuk

OCL, 26 (2019) 19

DOI: <https://doi.org/10.1051/ocl/2019018>

#### **Quality - Food safety**

- *Increase in oil content and changes in quality of macauba mesocarp oil along storage*

Wogayehu Worku Tilahun, José Antonio Saraiva Grossi, Simone Palma Favaro, Carlos Sigueyuki Sediayama, Samuel De Melo Goulart, Leonardo Durate Pimentel et Sergio Yoshimitsu Motoike

OCL, 26 (2019) 20

DOI: <https://doi.org/10.1051/ocl/2019014>

- *Gas chromatography-mass spectrometry analysis and in vitro biological studies on fixed oil isolated from the waste pits of two varieties of *Olea europaea* L.*

Muna Hayder Abdelrahman, Reem Osama Hussain, Dhulfiqar Sami Shaheed, Majed AbuKhader et Shah Alam Khan

OCL, 26 (2019) 28

DOI: <https://doi.org/10.1051/ocl/2019022>

- *A comparative study on quality parameters of pumpkin, melon and sunflower oils during thermal treatment*

Zhana Petkova et Ginka Antova

OCL, 26 (2019) 32

DOI: <https://doi.org/10.1051/ocl/2019028>