



Dr Henry JOSEPH

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Doctor of Pharmacy, Graduated (D.E.A) at l'Institut National Polytechnique de Toulouse (chimie et agronomie, and also Doctor of Pharmacognosy. Henry JOSEPH is a founding member of the Caribbean network, TRAMIL (Traditional Medicine for the Islands, <http://tramil.net>) composed of 30 countries and 200 researchers on the traditional medicine of the Islands ; a founding member and former president of Aplamedarom Guadeloupe, he initiated the CIPAM with APLAMEDOM Réunion. He is also a member of scientific board of Parc national de la Guadeloupe, the author of more than twenty scientific publications and 3 patents.

After 12 years of work in his own pharmacy, he created, with his partner, Professor Paul bourgeois, the company that he is now managing, PHYTOBOKAZ.

PHYTOBÔKAZ stands as the first unit to transform medicinal plants in Guadeloupe into cosmetics and health products and contributes to the development of the aromatic, medicinal and dyeing industry in Guadeloupe with a range of 6 marketed products.

After 10 years of legal-political battle and 4 bills, against our MPs, Henry JOSEPH and Maître Isabelle ROBARD have strongly contributed to the official recognition of medicinal plants in the French overseas departments in LODEOM (Loi de développement économique des DOM) and embodied by the CIOM (Interministerial Council of Overseas) through the amendment of Article L 5112-1 of the Public Health Code, which will result in the entry in 2013 of 47 medicinal plants from the French overseas departments to the French pharmacopoeia.

Since 2013 with the help of several French specialists in vegetal colors: Michel Garcia, Dominique cardon he has been showing his interest in the vegetal colors of Guadeloupe.

Since 2014, he has been working with Patrick Brenac of the company GREEN'ING, to control the industrial and agricultural path of Guadeloupe Indigos . . .

## PUBLICATIONS

**Henry JOSEPH**, Jean-Marie BESSIERE, Yves PELLISSIER, Jacques PELLECUER  
Volatile Components of *Peperomia rotundifolia* (L.) Kth  
**Flavour and fragrance journal 1987, Vol. 2. 133-134.**

**H. JOSEPH**, J. GLEYE, C. MOULIS, I. FOURASTE, and E. STANISLAS.  
*O*-methoxylated *C*-glycosylflavones from *Justicia pectoralis* Jacq.  
**Journal of natural products 1988, vol. 51 n°4 pp 804-805.**

**H. JOSEPH**, J. GLEYE, C. MOULIS, L.J MENSAH, C.ROUSSAKIS, and C.  
GRATAS  
*Justicidin B*, a cytotoxic principle from *Justicia pectoralis* Jacq.  
**Journal of natural products 1988, vol. 51 n°3 pp 599-600.**

**Henry JOSEPH**

«Traditional medicine in the West Indies, medicinal resources of the local flora»  
**Phytotherapy 1988, n°5, pp 4-9.**

**Paul BOURGEOIS**, Guylène S. AURORE, Jacqueline ABAUL, Henry JOSEPH  
Valorization of the guava seed: oil of the almond and abrasive powder of the hulls.  
**Cahier d'étude et de recherche francophones / Agriculture 1988 n ° 7 vol. 2. pp 105.**

M.A COUPPE de K/ MARTIN, **H. JOSEPH**, S BERCION, Chantal MENUT ;  
Chemical analysis of essential oils from aerials parts of *Aframomum exscapum* (Sims)  
Hepper collected in Guadeloupe, French West Indies (F.W.I) in press

[Hennebelle T, Sahpaz S, Joseph H, Bailleul F.](#)

Ethnopharmacology of *Lippia alba*.  
J Ethnopharmacol. 2008 Mar 5;116(2):211-22. Epub 2007 Dec 8.

[Hennebelle T, Sahpaz S, Gressier B, Joseph H, Bailleul F.](#)

Antioxidant and neurosedative properties of polyphenols and iridoids from *Lippia alba*.  
Phytother Res. 2008 Feb;22(2):256-8.

[Hennebelle T, Sahpaz S, Dermont C, Joseph H, Bailleul F.](#)

The essential oil of *Lippia alba*: analysis of samples from French overseas departments  
and review of previous works.  
Chem Biodivers. 2006 Oct;3(10):1116-25. Review.

[Crane S, Aurore G, Joseph H, Mouloungui Z, Bourgeois P.](#)

Composition of fatty acids triacylglycerols and unsaponifiable matter in *Calophyllum*  
*calaba* L. oil from Guadeloupe.  
Phytochemistry. 2005 Aug;66(15):1825-31.

[Joseph H.](#), [Gleye J.](#), [Moulis C.](#), [Mensah LJ.](#), [Roussakis C.](#), [Gratas C.](#)

Justicidin B, a cytotoxic principle from *Justicia pectoralis*.  
J Nat Prod. 1988 May-Jun;51(3):599-600. No abstract available.

## **BESSAC**

*Bulletin d'Alerte et de Surveillance Antilles Guyane*

### **Food poisoning with carambola (star fruit)**

Catherine-Ragoucy Sengler<sup>1</sup>, Catherine Leonardi<sup>2</sup>, Kheida Hue, Henry Joseph<sup>3</sup>, Paul Bourgeois<sup>3</sup>, Félix Claude vert-Pré<sup>2</sup>  
Biochemistry Pharmaco-toxicology laboratory, Nephrology department, Pointe-à-Pitre Hospital, Phytobokaz laboratory, Gros Morne Dolé 97113 Gourbeyre

Biabiany M., Roumy V., Hennebelle T., Rouaud I., François N., Lohezic-Le Devehat F., Sendid B., **Joseph H.**, Bourgeois P., Sahpaz S., Bailleul F.  
Anti-Malassezia activity of *Pluchea carolinensis*, an Asteraceae of the Guadeloupe archipelago.  
4th International Days of the AFERP: Biodiversity, Chemistry of Natural Substances and Medicine (Besançon, 16-18/07/2010).

### **Spices, flavor and medicinal plants: examples of some aromatic species from Guadeloupe** by: [M. Biabiany](#), [H. Joseph](#), [P. Bourgeois](#)

*Phytothérapie* (28 March 2012), pp. 1-8, [doi:10.1007/s10298-012-0692-3](https://doi.org/10.1007/s10298-012-0692-3) Key: citeulike:10522184

## **Monographies AFSSAPS**

P. BOURGEOIS - J. PORTECOP – **H. JOSEPH**

**Le Dartrier** : *Senna alata* (L.) Roxb.

**Twa tass** : *Lippia alba* (Miller) N.E.Br.

***For the Registration of these two medicinal plants of the DOM on the French Pharmacopoeia presented at AFSSAPS. - 2003.***

- ***In 2005, AFSSAPS gave its official agreement.***
- ***Published in the « Journal Officiel » of 20 October 2005.***
- ***This is a first for the DOM***

## Notes and Communications

### Henry JOSEPH

When science allows understanding and comes to the traditional overseas medicine.

6th INTERNATIONAL SYMPOSIUM OF AROMATHERAPY & MEDICINAL PLANTS 5, 6, 7  
March 2004- Palais des Congrès, Grasse, France

### H. JOSEPH

**Which medicinal plants for our patients with low back pain?**

**First Guadeloupean Days of fight against the pain. Déc.2003.**

**Henry JOSEPH**, Muriel NICOLAS, Max RENIER, Paul BOURGEOIS, Jacques PORTECOP, Nicolas HUC, Danielle MANDIN, Jean -Pierre CHAUMONT.

In vitro Antifungal activity, of some Caribbean plants on tropical mushrooms, pathogenic for humans.

2 nd International Symposium on Medicinal and Aromatic Plants of the French Overseas. October 2001.

### H. JOSEPH, P. BOURGEOIS

**Contribution à la connaissance de *Crescentia cujete* L. ( contribution to the knowledge of *Crescentia cujete***

**Tramil IV , Tela, Hondras , Enda –caribe /UNAH. 1989.**

### P. BOURGEOIS, H. JOSEPH, SAVARY H.

**Determination of essential oils and determination of ascaridol in *Chenopodium ambrosoides*.**

**Tramil IV , Tela, Hondras , Enda –caribe /UNAH. 1989.**

### H. JOSEPH , M. GRANDGUILLOTTE

**Bibliographical research on the plants selected by TRAMIL.**

**Seminar TRAMIL II, Santo Domingo, Dominican Republic, doc. of 255 p.-1986**

## Tutoring Phd students :

**Sylvie CRANE : (presented December 8, 2006 and member of the jury)**

Contribution to the knowledge of oilseeds of two

Guadeloupean plants: *Calophyllum calaba* and *Pouteria multiflora*.

Collaboration with G. Aurore and P. Bourgeois.

**Carine MARIE – MAGDELEINE : (presented on June 19, 2009 and member of the jury)**

**Study and effect of antiparasitic activities of tropical plants for veterinary use.**

**Research unit in Zootechnics.**

Collaboration with Harry Archimède – INRA

**Murielle BIABIANY ( presented on March 2011 )**

**"Plants with fungicidal activity of Guadeloupe. Phytochemical, biochemical and pharmacological characteristics. Development of galenic forms from their active ingredients for the treatment of fungal diseases affecting populations of the tropical regions. "** Host Laboratory: Laboratory of Pharmacognosy of the University of LILLE 2; Head of Pr. François BAILLEUL, Director of the thesis Pr .S. SAHPAZ  
**Leila LESSAFRE These cifre ( presented on July 2017 )**

Phytochemical, cytotoxic study and development of analytical methods on two oil species of Guadeloupe: *Calophyllum calaba* and *Crescentia cujete* for a pharmaceutical

valorization.

PHYTOBOKAZ WITH :

THE NATIONAL CENTER FOR SCIENTIFIC RESEARCH,  
"CNRS", AND THE UNIVERSITÉ MONTPELLIER 2 SCIENCES ET  
TECHNIQUES, and UNIVERSITÉ MONTPELLIER 1.

2016 - 2017 POST DOC MEME LABO

**Melissa MARGOTONE ( 2015 to date, presentation 2018 )**

Thesis CIFRE with NANTES INRA:

"Functional and nutritional interest of new raw materials in  
specialized food"

Raw materials derived from the food biodiversity of Guadeloupe.