

### Final Program

"Pharmacognosy from Here and There"



#### Monday July 17th 2017

- 14h00-15h30 Registration
- 14h30-15h30 *Chairwoman Alba Noël*  
**Round table:** A young NPs researchers (graduate/PhD students, postdoctoral fellows, ATER...) association project.
- 15h30-16h00 Welcome addresses  
**Philippe Simoneau**, UA Vice-President  
**Marie-Aleth Lacaille-Dubois**, AFERP President  
**Pascal Richomme-Peniguel**, c/o AFERP 2017 organising committee
- 16h00-17h30** **Lecture Session 1**  
*Chairwoman Marie-Aleth Lacaille-Dubois,*
- 16h00-16h30 **Lecture 1:** « Is Cannabis finally entering a post-THC era? »  
**Giovanni APPENDINO** (ITA)
- 16h30-17h00 **Lecture 2:** « Plant extracts and plant metabolites as potentiating agents for the development of new antifungal multi-component drugs »  
**Susana ZACCHINO** (ARG)
- 17h00-17h30 **Lecture 3:** « Natural Treasures from Malayan Flora; a collaborative exploration between ICSN (France) and UM (Malaysia) »  
**Khalijah AWANG** (MYS)
- 18h00-19h00 Cocktail / Get together party at "Musée Jean Lurcat (Hôpital St Jean)"

#### Tuesday July 18th

- 08h30-09h30** **Lecture Session 2**  
*Chairwoman Susana Zacchino*
- 08h30-09h00 **Lecture 4:** « The application of bioinformatic methodologies for targeted diversification of recombinant natural product biosynthesis pathways. New avenues for the a la carte synthesis of non-natural pharmaceutical bioactives »  
**Thomas BRÜCK** (DEU)
- 09h00-09h30 **Lecture 5:** "Structural diversity in Bioactive Metabolites from the Yucatecan Flora"  
**Luis Manuel PENA RODRIGUEZ** (MEX) PI Univ. Angers
- 09h30-10h00 Coffee Break/Poster session

**10h00-13h00**

**Young Researchers Meeting part 1**

10h00-11h30

Oral Communications  
Chairwoman Corine Girard-Thernier

**Communication 1:** "Chemical and biological investigation of the endophytic fungus *Botryosphaeria mamane*: Search for anti-leishmanial compounds »  
**Fatima BARAKAT** (Toulouse)

**Communication 2:** "Biological and chemical analysis of endolichenic fungus *Nemania aenea* var. *aureolatum*" **Aurélie LAGARDE** (Limoges)

**Communication 3:** "Deciphering the real chemical diversity of *Picralima nitida*: MS-guided isolation and structure reassignment"  
**Charlotte ALCOVER** (Paris Sud)

**Communication 4:** "Chios mastic gum supplementation in human cohort: Quantification of isomasticadienoic acid and masticadienoic acid in plasma"  
**Vincent BRIEUDES** (Athènes)

**Communication 5:** "Development of a chemical deconvolution method to accelerate the discovery of antiplasmodial molecules from Rhodophyta"  
**Laure MARGUERITTE** (Strasbourg)

**Communication 6:** "Dereplication of metabolites from potential cosmeceutical agents: *Streptomyces griseus*, *Pseudonocardia alni*, *Flammulina velutipes*"  
**Job TCHOUMTCHOUA** (Reims)

11h30-11h45

Break

**11h45-13h00**

**Young Researchers Meeting Part 2**

11h45-12h30

Oral Communications  
Chairwoman Daniela Schuster

**Communication 7:** "*Hura crepitans* L. latex : Dereplication and biological activity"  
**Manon TRINEL** (Toulouse)

**Communication 8:** "Bioconversion study of lichen compounds by lichen-associated bacteria" **Alba NOEL** (Rennes)

**Communication 9:** "Semisynthesis of two new communesin derivatives from natural communesin A and B" **Thi Phuong Thuy HOANG** (Nantes)

12h30-13h00

Flash Posters  
Chairman Thomas Brück

**Flash Poster 1:** "Bioassay-guided fractionation of *Retama raetam* stem extracts with arginase inhibitory activity" **Rym ATTIA** (Besançon)

**Flash Poster 2:** "Phytochemical study of *Genista numidica* Spach. (Fabaceae)" **Nabiha BENALIA** (Paris Descartes)

**Flash Poster 3:** "Anti-biofilm activity of different parts of *Rubus idaeus* L."  
**Marion GIRARDOT** (Poitiers)

**Flash Poster 4:** "Deep annotation of LC-MS data for extract prioritization"  
**Samuel BERTRAND** (Nantes)

**Flash Poster 5:** "Molecular signature: Help in selection of variety for the biocontrol" **Laëtitia FOUGERE** (Orléans)

**Flash Poster 6:** "Overcoming specialized metabolites by gaining essential nutrients: A lichen/snail case study" **Alice GADEA** (Rennes)

13h15-14h15	Lunch
14h30-18h00	<b>ITEIPMAI</b> or <b>NATINOV</b> Visit (Bus transfer: 45 km)
19h00	<b>Gala Dinner</b> at "LE QUAI"

### Wednesday July 19th

<b>09h00-10h30</b>	<b>Lecture Session 3</b> <i>Chairwoman Catherine Vonthron</i>
09h00-09h30	<b>Lecture 6:</b> « Olive bioactive compounds: Chemistry and Biology » <b>Leandros SKALTSOUNIS</b> (GRC)
09h30-10h00	<b>Lecture 7:</b> "Biodiversity as source for potential therapeutic drugs" <b>Marc LITAUDON</b> (FRA)
10h00-10h30	<b>Lecture 8:</b> "Inhibition of 5-lipoxygenase – new aspects of an old target" <b>Daniela SCHUSTER</b> (AUT)
10h30-11h00	<b>Young Researchers Meeting Part 3 (Flash Posters)</b> <i>Chairman Marc Litaudon</i>
	<b>Flash Poster 7:</b> "New sesquiterpene acid and inositol derivatives from <i>Inula montana</i> L., used in the traditional medicine in Luberon" <b>Elnur GARAYEV</b> (Marseille)
	<b>Flash Poster 8:</b> "Antimalarial herbal remedies of Bukavu and Uvira, DR Congo" <b>Henry MANYA MBONI</b> (Bruxelles)
	<b>Flash Poster 9:</b> "A putative identification of bioactive metabolites against MCF-7 breast cancer cell line from marine-derived fungi based on a bioinformatics model" <b>Lucie ORY</b> (Nantes)
	<b>Flash Poster 10:</b> "Chemical diversity and antiviral potential of tropical Euphorbiaceae" <b>Simon REMY</b> (ICSN, Gif-sur-Yvette)
	<b>Flash Poster 11:</b> "Rose horticulture by-products: a source of valuable compounds" <b>Emilie DESTANDEAU</b> (Orléans)
	<b>Flash Poster 12:</b> "Semisynthetic pathways starting from $\delta$ -garcinoic acid towards anti-inflammatory tocotrienols isolated from New-Caledonian endemic plants" <b>Alexia VILLE</b> (Angers)
11h00-11h15	Coffee Break
11h15-12h00	<b>Poster session</b>
<b>12h00-13h00</b>	<b>Lecture Session 4</b> <i>Chairwoman Khalijah Awang</i>
12h00-12h30	<b>Lecture 9:</b> « Lichen symbioses a promising source of active compounds » <b>Sophie TOMASI</b> (FRA)

12h30-13h00	<b>Lecture 10:</b> « Discovery of lead compounds against <i>Madurella mycetomatis</i> – one of the most neglected tropical diseases » <b>Sami A. KHALID</b> (SDN)
13h00-14h00	Lunch
14h00-15h00	<b>Poster session</b>
<b>15h00-16h00</b>	<b>Lecture Session 5</b> <i>Chairwoman Sophie Tomasi</i>
15h00-15h30	<b>Lecture 11:</b> « Targeting protozoal diseases: Convergent approaches for pharmacological tools and lead finding from natural sources » <b>Catherine VONTHRON</b> (FRA)
15h30-16h00	<b>Lecture 12:</b> « SFC – A promising analytical tool for natural products » <b>Herman STUPPNER</b> (AUT)
16h00-17h00	Concluding Remarks