

**Scientific Program XXXIII RESEM and 7<sup>th</sup> BCNP (November, 2019)**

Time	November 10th XXXIII RESEM* (8:30-16:40 pm) Day 1 – 7 <sup>th</sup> BCNP (after 17:10 pm)	November 11th Day 2 – 7 <sup>th</sup> BCNP	November 12th Day 3 – 7 <sup>th</sup> BCNP	November 13 <sup>th</sup> Day 4 – 7 <sup>th</sup> BCNP
08:30 am	<b>CURSOS RESEM</b>  CURSO 1 (8:30 – 12:30h): “Molecular biology tools solving metabolic questions: a basic introduction” - THOMAS VOGT (Leibniz Institute, Alemanha)  CURSO 2 (8:30 – 12:30h): “Quimiotaxonomia” - MARCO EDUARDO ROCHA (UVA)  CURSO 3 (8:30 – 12:30h): “Ecologia química” - FERNANDA CHAGAS (UFRJ)  CURSO 4 (8:30 – 12:30h): “Empreendedorismo em produtos naturais” - DANIEL BARRETO (ASSESSA)  CURSO 5 (8:30 – 12:30h): “Modelagem molecular aplicada a produtos naturais” - NELILMA C. ROMEIRO (UFRJ)	PL-11-1  <b>THOMAS VOGT</b> –Leibniz Institute of Plant Biochemistry – Germany  “Piperine and capsaicin - The biosynthesis of pungency”	PL-12-1  <b>ANNA RITA BILIA</b> – Università Degli Studi di Firenze – Italy  “Nanocarriers to improve solubility, stability, and optimize bioefficacy of natural products”	PL-13-1  <b>LUDGER WESSJOHANN</b> –Leibniz Institute of Plant Biochemistry – Germany  “Metabolomics meets classical natural product chemistry: finding active principles without separation”
09:10 am		SL-11-1  <b>PAULO C. VIEIRA</b> – USP – Brazil  “Ginger: there is much more than pungency”	SL-12-1  <b>ANITA J. MARSAIOLI</b> – UNICAMP – Brazil  “Chemical communication and chemical assembly timeline”	SL-13-1  <b>LUIZ FERNANDO A. SANTOS</b> – Bruker do Brasil  “New mass spectrometry-based tools for untargeted plant metabolomics”
09:40 am		SL-11-2  <b>VALERIA SULSEN</b> – University of Buenos Aires – Argentina  “Sesquiterpene lactones as potential therapeutic agents”	SL-12-2  <b>CLECIO KLITZKE</b> – LECO – Brazil  “Phytochemical screening using GC-TOFMS and GCXGC-TOFMS”	SL-13-2  <b>RENATO CRESPO PEREIRA</b> – Rio de Janeiro Botanical Garden - Brazil  “How to improve bioprospecting of marine natural products using an eco-evolutionary framework?”
10:10 10:40 am		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK

\*RESEM language: Portuguese

PL: Plenary Lecture

SL: Short Lecture

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10:40 am	CURSOS RESEM (CONTINUAÇÃO)	<p align="center"><b>BRAZILIAN YOUNG SCIENTISTS REGION-BY-REGION</b></p> <p align="center">CAIO P. FERNANDES – UNIFAP</p> <p align="center">“Natural product-based nano-emulsions: mechanism, applications and perspectives”</p> <p align="center">CARLOS CAROLLO – UFMS</p> <p align="center">“New metabolomics approach for natural products research”</p> <p align="center">RAQUEL GIORDANI – UFRN</p> <p align="center">“Caatinga: molecular identity studies”</p>	<p align="center"><b>BRAZILIAN ENTREPRENEURSHIP</b></p> <p align="center">SL-12-3</p> <p align="center">THAIS GUARATINI – Lychnoflora</p> <p align="center">“From graduation to entrepreneurship”</p> <p align="center">SL-12-4</p> <p align="center">DANIEL W. BARRETO – ASSESSA</p> <p align="center">“Opportunities for natural products in cosmetics and nutraceuticals”</p>	<p align="center"><b>BRAZILIAN PHYTOMEDICINES</b></p> <p align="center">SL-13-3</p> <p align="center">CRISTIANO R. W. GUIMARÃES – Aché</p> <p align="center">“BIOPROSPERA®: a systematic exclusive platform to develop innovative medicines from the Brazilian biodiversity”</p> <p align="center">SL-13-4</p> <p align="center">CRISTINA DISLICH ROPKE – Centroflora</p> <p align="center">“Brazilian biomes in the new era of bioprospecting”</p> <p align="center">SL-13-5</p>		
11:40 am					<p align="center">RICARDO M. BORGES – UFRJ</p> <p align="center">“Database independent dereplication”</p>	<p align="center">PL-12-2</p> <p align="center">CHRISTOPHER S. JEFFREY – University of Nevada, Reno – USA</p> <p align="center">“Exploration of ecological interactions drives chemical Innovation”</p>
11:50 am			<p align="center">DÉBORA BALDOQUI – UEM</p> <p align="center">“Endophytic fungi associated with <i>Eupatorium</i> sl.”</p>	<p align="center">SL-13-6</p> <p align="center">VALDIR F. VEIGA JUNIOR – IME – Brazil</p> <p align="center">“Is Brazil ready to develop drugs based on natural products?”</p>		
12:20 pm				<p align="center">PL-11-2</p> <p align="center">MARIA BEATRIZ PRIOR – University of Porto – Portugal</p>	<p align="center">PL-12-3</p> <p align="center">PAULO H. G. ZARBIN – UFPR – Brazil</p>	<p align="center">PL-13-2</p> <p align="center">IAN CASTRO GAMBOA – USP – Brazil</p>
12:30 pm			ENCERRAMENTO DOS CURSOS	<p align="center">“Byproducts as a source of natural bioactive compounds: the case of olive pomace”</p>	<p align="center">“High pheromone diversity in Curculionidae beetles”</p>	<p align="center">“Understanding the fascinating world of <i>Senna spectabilis</i>’s rhizosphere”</p>

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13:00-14:30 pm	<b>ALMOÇO</b>	<b>LUNCH</b>	<b>LUNCH</b>	<b>LUNCH</b>
14:30 pm	<p align="center"><b>CONFERÊNCIA</b></p> <p><b>MASSUO JORGE KATO</b> – USP – Brasil</p> <p>“Canela, noz moscada e pimenta do reino: química de especiarias e um mundo de interações”</p>	<p align="center"><b>PL-11-3</b></p> <p><b>ROLF MULLER</b> – Helmholtz Institute – Germany</p> <p>“Basic microbiology, chemistry and synthetic biotechnology to identify and characterize antibiotics from microbes”</p>	<p align="center"><b>PL-12-4</b></p> <p><b>CHRISTIAN HERTWECK</b> – Leibniz Institute – Germany</p> <p>“Unearthing cryptic natural products at the host-microbe interface”</p>	<p align="center"><b>PL-13-3</b></p> <p><b>FABIO BOYLAN</b> – University of Dublin – Ireland</p> <p>“Pharmacological properties of natural volatile derivatives of anthranilic acid”</p>
15:10 pm	<p align="center"><b>PALESTRA</b></p> <p><b>MANUELA DA SILVA</b> – Fiocruz – Brasil</p> <p>“Lei da biodiversidade e seu impacto na pesquisa e no desenvolvimento tecnológico sobre recursos genéticos e CTA”</p>	POSTER PRESENTATION (EVEN)	POSTER PRESENTATION (EVEN)	<p align="center"><b>SL-13-7</b></p> <p><b>RACHEL O. CASTILHO</b> – UFMG – Brazil</p> <p>“Chemosystematic significance of quassinoids in Simaroubaceae”</p>
15:40 pm	<p align="center"><b>PALESTRA</b></p> <p><b>MARIA CAROLINA ANHOLETI</b> – UFF – Brasil</p> <p>“Um olhar quimiosistemático sobre o gênero <i>Maytenus</i>”</p>	COFFEE BREAK	COFFEE BREAK	<p align="center"><b>PL-13-4</b></p> <p><b>MANUELA TOSIN</b> – University of Warwick – United Kingdom</p> <p>“Chemical probing of natural product biosynthetic pathways”</p>
16:10 pm	<p align="center"><b>PALESTRA</b></p> <p><b>BENJAMIN GILBERT</b> – Fiocruz – Brasil</p>	POSTER PRESENTATION (ODD)	POSTER PRESENTATION (ODD)	<p align="center"><b>OTTO R. GOTTLIEB MEDAL</b> <b>8th BCNP CLOSING CERIMONY</b></p>
16:20 pm - 16:40 pm	<p>“O desenvolvimento da Química de Produtos Naturais no Brasil”</p>			

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16:40 pm	COFFEE BREAK	SL-11-3 JOÃO LAGO – UFABC – Brazil “Natural products from Brazilian plant species - a source of new compounds with antiparasitic action”	SL-12-5 MICHAEL MURGU – Waters “LC/MS approaches for the analysis of non-polar natural products extracts”
17:10 pm	7 <sup>th</sup> BCNP OPENING CEREMONY CULTURAL PRESENTATION	ORAL PRESENTATIONS AO-11-1 AO-11-2 AO-11-3 AO-11-4	ORAL PRESENTATIONS AO-12-1 AO-12-2 AO-12-3 AO-12-4
18:10 pm	OPENING CONFERENCE SUZANA LEITÃO – UFRJ – Brazil “Over ten year’s research with the Amazonian adaptogen plant Saracura-mirá: <i>Ampelozizyphus amazonicus</i> Ducke”	TABLE ROUND DISCUSSIONS VANDERLAN S. BOLZANI – UNESP NORBERTO P. LOPES – SBQ Representante da FAPERJ “Desafios na Ciência Brasileira”	SL-12-6 JENNIFER HERMANN – Leibniz Institute – Germany “Discovery and evaluation of anti-tubercular natural products from soil bacteria”
18:40pm			PL-12-5 PETER LEADLAY – Cambridge University – United Kingdom “Discovering novel enzymes in bacterial natural product biosynthesis”
19:20-21:00 pm	OPENING COCKTAIL	FREE NIGHT	NIGHT SOCIAL PROGRAMMING (TO BE DEFINED)