

II Workshop ResNet NPND

(Natural Products against Neglected Diseases)

November, 25-28th, Rio de Janeiro, Brazil

*Universidade Federal do Rio de Janeiro
FIOCRUZ-RJ.*

Organizing Committee

Prof. Dr. Thomas J. Schmidt, Münster, Coordinator of ResNet
Prof. Dr. Suzana Guimarães Leitão, Faculdade de Farmácia, UFRJ.
Dr. Solange Lisboa de Castro, Fiocruz, RJ.
Dr. Maria de Nazaré Soeiro, Fiocruz, RJ
Prof. Dr. Vitor Francisco Ferreira, Instituto de Química, UFF.
Karine Martins, Pharmacist, UFRJ.

PRELIMINARY PROGRAM

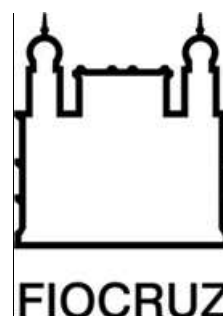
1st Day –Tuesday, 25/11, UFRJ Presentation of ResNet NPND to Non-members and Researchers <i>Auditorium Profa. Maria Thereza Loureiro Lima, Prof. Levy Gomes Ferreira Building</i>	
9:00h -9:30h	Welcome to members and participants, Opening <ul style="list-style-type: none"> • Prof. Gisela Dellamora Ortiz, Faculdade de Farmácia, Universidade Federal do Rio de Janeiro, Brazil, Director. • Dr. Wilson Savino, Instituto Oswaldo Cruz, Director. • Prof. Thomas J. Schmidt, Institut für Pharmazeutische Biologie und Phytochemie, University of Munster, Coordinator of ResNet. • Prof. Alvaro Romanha - Universidade Federal de Santa Catarina, Departamento de Microbiologia, Imunologia e Parasitologia, Laboratório de Protozoologia. • FAPERJ's representative.
9:30h-12:00h	Section I: Neglected Diseases: Status Quo Chair: Prof. Thomas Schmidt 9:30h-10:10h - Prof. Alvaro Romanha - Universidade Federal de Santa Catarina, Departamento de Microbiologia, Imunologia e Parasitologia, Laboratório de Protozoologia. 10:10-10:50h –Prof. Dr. Sami A. Khalid, University of Science and Technology, Omdurman, Sudan: <i>Development of microtiter plate-based method for the determination of the MIC of antimycetomal agents against Madurella mycetomatis.</i>
10:50-11:20h	Coffee Break
	11:20h-12:00h Prof. Dr. Bartira Rossi Bergmann, Instituto de Biofísica Carlos Chagas Filho, Laboratório de Imunofarmacologia, UFRJ: <i>Plants as sources of new antileishmanials.</i>
12:00h-13:30h	Lunch
13:30h – 15:30h	Students presentations on the achievements of the groups 15 in (x 8) presentations: <ol style="list-style-type: none"> 1. Dr. Ricardo Augusto Pereira de Pádua, Faculdade de Ciências Farmacêuticas de Ribeirão, Universidade de São Paulo, Brazil: <i>Fumarase as a new macromolecular target to fight Chagas disease.</i> 2. Mrs Funmilayo Gladys FAMUYIWA, Ph.D. Student, Obafemi Awolowo University, Nigeria.: <i>Properties for Sourcing Nigerian Plant larvicides.</i> 3. Mr. Samuel Akintunde ODEDIRAN, Ph.D. Student, Obafemi Awolowo University, Nigeria.: <i>Potentials of Nigerian Ethnomedicinal plants as Antimalarial Herbal Combination</i>

	<p><i>Therapy.</i></p> <p>4. Dr. Tavs A. Abere, Department of Pharmacognosy, University of Benin, Benin, Nigeria: <i>Toxicological evaluation of Annona muricata leaf ethanolic extract used to treat some tropical neglected diseases.</i></p> <p>4-8 To be announced.</p>
15:30-16:00h	Coffee Break
	<p>16:00h- 16:30h Prof. Dr. Victor Ogungbe, Jackson State University, Jackson, USA. <i>Targeting the Major Cysteine Protease of Trypanosoma brucei rhodesiense.</i></p>
16:30h-17:00h	Closure of the activities of the day
<p>2nd Day, Wednesday, 26/11, UFRJ Report on the Recent Achievements of ResNet Members</p> <p><i>Auditorium Profa. Maria Thereza Loureiro Lima, Prof. Levy Gomes Ferreira Building</i></p>	
9:00h-10:10h	<p>Section II: Screening of Natural Products against Neglected Diseases Chair: Prof. Thomas Schmidt</p> <p>9:00h-9:20h - Prof. Dr. Fernando B. Da Costa: USP, Ribeirão Preto, SP.: <i>Sesquiterpene lactones with leishmanicidal activity.</i></p> <p>9:20h-9:40h – Prof. Dr. Joao Lago, UNIFESP, Diadema, SP: <i>PLANTS OF BRAZILIAN BIODIVERSITY - an inexhaustible source of new compounds with antiparasitic action.</i></p> <p>9:40h-10:10h – Prof. Dr. Adeleke Clement Adebajo, Obafemi Awolowo University, Faculty of Pharmacy, Nigeria: <i>Contribution of Some Nigerian Ethnomedicinal Plants to the Total Eradication of Malaria in Nigeria.</i></p>
10:10h-10:30h	Coffe Break
10:30h-12:00h	<p>Section II (Cont.): Screening of Natural Products against Neglected Diseases Chair: Prof. Jandirk Sendker</p> <p>10:30h-10:50h – Dr. Tânia M. A. Alves, CPqRR - Fiocruz Minas: <i>Bioactive Natural Products: our the experience at Fiocruz Minas</i></p> <p>10:50h-11:10h – Prof. Dr. Norberto Peporine Lopes, Ribeirão Preto, SP: <i>In vitro and In vivo metabolism of biological active natural products</i></p> <p>11:10h-11:30h - Dr. Adrian M. Pohlit, INPA, Manaus-AM</p> <p>11:30-11:50h – Prof. Dr. Gerold Jerz, Technische Universität, Braunschweig: <i>Isolation of natural product leads against tropical neglected diseases by larger lab-scale countercurrent chromatography and mass-spectrometry target fishing - Getting precisely to the bioactives.</i></p>
12:00h-13:30h	Lunch
13:30h – 14:50h	<p>Section II (Cont.): Screening of Natural Products against Neglected Diseases Chair: Prof. Dr. Fernando B. Da Costa</p>

	<p>13:30h-13:50h - Dr. Jandirk Sendker, Institut für Pharmazeutische Biologie und Phytochemie, University of Munster, Münster: <i>Identification of antiprotozoal constituents of Juglans regia by LC-MS based PLS.</i></p> <p>13:50h-14:10h. – Dr. Justina Nwodo Ngozi, University of Nigeria, Nsukka, Nigeria: <i>Trypanocidal dipeptides from the roots of Zapoteca portoricensis.</i></p> <p>14:10h-14:30h- Prof. Dr. Lianet Monzote Fidalgo, La Habana, Cuba: <i>Antileishmanial Potentialities of Essential Oils from Cuban Plants.</i></p> <p>14:30h-14:50h - Prof. Dr. William Setzer, University of Alabama, USA: <i>Antileishmanial Activities of Cloudforest Plants from Monteverde, Costa Rica.</i></p>
15:00 – 17:00h	GUIDED VISITATION: School of Pharmacy and Church of “Bom Jesus da Coluna”, XVIII th century (http://pt.wikipedia.org/wiki/Ilha_do_Bom_Jesus_da_Coluna)
<p>3rd Day, Thrusday, 27/11, FIOCRUZ</p> <p>Report on the Recent Achievements of ResNet Members and Future Perspectives of the Net</p> <p><i>Auditorium Emanuel Dias, Artur Neiva Building</i></p>	
9:00h-10:10h	<p>Section III: Natural Products as lead structures – Synthetic Medicinal Chemistry/In silico Medicinal Chemistry Chair: Prof. Dr. Tania Alves</p> <p>9:00h-9:20h - Prof. Dr. Marcus T. Scotti, Universidade Federal da Paraíba; PB: <i>Virtual screening of secondary metabolites to search compounds with antiprotozoal activity.</i></p> <p>9:20h-9:40h – André G. Tempone, Instituto Adolfo Lutz, São Paulo, SP.</p> <p>9:40h-10:10h - Prof. Dr. Vitor Francisco Ferreira, Instituto de Química, UFF <i>Synthesis of New Naphthoquinones exploring the o-Quinone Methide intermediates.</i></p> <p>10:10 – 1030h - Prof. Dr. Ericsson Coy-Barrera, Bogota, Colombia: <i>Lead finding from Plantæ columbianæ: looking for antileishmanial compounds.</i></p>
10:30h-10:50h	Coffee Break
	<p>Section IV: Protozoan Parasites – Physiology, Biochemistry and Molecular Targets Chair: Vitor Francisco Ferreira</p> <p>10:50h-11:10h - Prof. Dr. Mario Steindel: UFSC, SC.</p> <p>11:10h –11:30h -Dr. Maria de Nazaré Soeiro, Fiocruz, RJ: <i>Experimental Chemotherapy For Chagas Disease: Mouse Models at Cellular Biology Laboratory Oswaldo Cruz Institute – FIOCRUZ</i></p> <p>11:30h-11:50h - Prof. Dr. Maria Cristina Nonato, SP, Ribeirão Preto, Brazil: <i>Development of novel anti-trypanosomatid drugs based on the structure of dihydroorotate dehydrogenase.</i></p>

	11:50h-12:10h – Dra. Monica Caroline Oliveira Campos, Fiocruz-RJ: <i>Drug resistance in Trypanosoma cruzi</i> ”
12:10h-14:00h	Lunch
14:00h- 17:00h	Section V: Cooperations , Aims & Agenda for ResNetNPND, Future Perspectives RESNET MEMBERS ONLY Chairs: A. J. Romanha, T. J. Schmidt Brain Storming Session with all participants
	4th Day, Friday, 28/11, FIOCRUZ <i>Oswaldo Cruz Institute, IOC</i>
10:00h-11:00h	10:00h-11:00h Centro de Estudos, FIOCRUZ - IOC Prof. Dr. Thomas J. Schmidt <i>“Natural Products against Neglected Diseases – recent advances of our research within ResNet NPND”</i>
11:00h-12:30h	Closure and Concluding Remarks Prof. Dr. Thomas J. Schmidt, University of Münster, Germany. Prof. Dr. Sami A. Khalid, University of Science and Technology, Sudan Prof. Dr. Alvaro J. Romanha, Universidade Federal de Santa Catarina, Departamento de Microbiologia, Imunologia e Parasitologia, Laboratório de Protozoologia.
12:30- 14:00h	Lunch and Visitation to the Castle (Fiocruz)

SUPPORTING





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