

1st NanoBioss Progress Workshop



Institute of Chemistry, Unicamp

DECEMBER 12, 2014 ROOM : **E-312**

Laboratory of Synthesis of Nanostructures and Interaction with Biosystems (NanoBioss)

Laboratory Associated to Brazilian System of Nanotechnology Laboratories (SisNano)

Program

<i>Prof. Oswaldo Luiz Alves (Chair)</i> Institute of Chemistry, Unicamp	8:30-9:00 <i>Opening and Presentation of Nanobioss</i>
<i>Dr. Diego S. T. Martinez</i> Brazilian Nanotechnology National Laboratory (LNNano)	9:00 -9:20 <i>Hemolytic effect of mesoporous silica nanoparticles: assessing the impacts of protein corona</i>
<i>Camila P. Silveira (Master Program)</i> Institute of Chemistry, Unicamp	9:20-9:40 <i>Development of hybrid systems based on hydrogel and mesoporous silica nanoparticles for anticancer application</i>
<i>Mayra Marinõ (PhD Program)</i> Institute of Chemistry, Unicamp	9:40-10:00 <i>Enhanced materials from nature: nanocellulose from citrus waste</i>
	10:00-10:30 <i>Coffee Break</i>
<i>Prof. Nelson Durán (Chair)</i> Institute of Chemistry, Unicamp	10:30-11:00 <i>Graphene Oxide: a Nanobioss Interlaboratorial Study</i>
<i>Ana Carolina M. de Moraes (PhD Program)</i> Institute of Chemistry, Unicamp	11:00-11:20 <i>Anti-biofouling cellulose acetate membranes modified with biocidal silver-based graphene oxide nanocomposite</i>
<i>Dr. Patricia Andrade (Pos-Doc Program)</i> Institute of Chemistry, Unicamp	11:20-11:40 <i>Development of polymeric nanocomposites and graphene derivative to packing</i>
<i>Luis Augusto Visani de Luna (PhD Program)</i> , Institute of Biology, Unicamp	11:40-12:00 <i>Macrophage viability, oxidative stress and internalization of the nanocomposite graphene oxide decorated with silver nanoparticles</i>
<i>Dr. Petra Karla Böckelmann (Pos-Doc Program)</i> , Institute of Biology, Unicamp	12:00-12:20 <i>Potential therapeutic strategy for non-muscle invasive bladder cancer (nmIBC) treatment: effects of doxorubicin and cisplatin loaded in graphene oxide</i>
<i>Profs. O.L. Alves and N. Durán</i>	12:20-12:50 <i>Final Remarks</i>