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

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