INSTITUT DES SCIENCES ANALYTIQUES

Numerical and theoretical approaches for chemical analysis: workshop "modelisation and computational biology "

9th June 2017 - Institut des Sciences Analytiques

Program:

08h15 - 08h30 Welcome of the participants

08h30 - 08h40 Opening by Prof. Jean-Marc LANCELIN - Institut des Sciences Analytiques

08h45 - 09h25 **Computational Biology Applied to Cancer Research** (tentative title)

Lecture by Dr. Elena PAPALEO - Computational Biology Laboratory at the Danish Cancer Society Research Center, Copenhagen

09h30 - 10h10 **Modeling the reactivity of DNA's** (tentative title)

Lecture by Dr. Elise DUMONT - Laboratoire de Chimie ENS Lyon

10h15 - 10h55 **Towards computerized drug discovery**.

Lecture by Dr. Franck CHEVALIER - Acellera, Barcelona

10h55 – 11h10 Coffee Break

11h15 - 11h55 **Calcul intensif multiparallèle et GPU**

Lecture by Dr. Emmanuel QUEMENER - Centre Blaise Pascal, ENS Lyon

12h00 - 13h00 **Estimating Ligand/Protein and Protein/Protein Binding Free Energy and Kinetics**

Plenary lecture by Prof. Vittorio LIMONGELLI - Institute of Computational Science, University of Lugano

Registration (free but required) by mail before June 6th: contact@isa-lyon.fr

The lectures will start at 8:30 am, thank you to present yourself at the reception desk before.

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