Vidisha SINGH

Doctorante/PhD student in computational systems biology

Research areas

- Systems biology
- Logical modeling
- Boolean modeling
- Network biology

Background

PhD student **2016-2019**

University of evry- Paris saclay, systems biology

Master 2 **2016**

Université Paris Saclay, Systems and synthetic biology

Publication

Singh, V., Ostaszewski, M., Kalliolias, G., Chiocchia, G., Olaso, R., Petit-Teixeira, E., Helikar, T., & Niarakis, A. (2017). Computational Systems Biology Approach for the Study of Rheumatoid Arthritis: From a Molecular Map to a Dynamical Model. Genomics and Computational Biology, 4(1), e100050. doi:10.18547/gcb.2018.vol4.iss1.e100050

Scientific conferences

Poster communications:

Vidisha Singh, Saran Pankaew, Marek Ostaszewski, George D. Kalliolias, Sylvain Soliman, Tomáš Helikar and Anna Niarakis Executable Disease Networks: Adding dynamics to molecular maps, ECCB 2018 Poster Track, Stavros Niarchos Foundation, Athens, Greece

·Singh V, Ostaszewski M , Pankaew S, Kalliolias G, Chiocchia G, Olaso R, Petit-Teixeira E, Soliman S, Helikar T and Niarakis A, Integrative Analysis and Dynamical Modelling of Signalling Pathways Involved in Rheumatoid Arthritis, Poster at Discrete models and formal verification in biology, 29-31 August 2018, Murray Edwards College Cambridge

·Singh V, Ostaszewski M , Pankaew S, Kalliolias G, Chiocchia G, Olaso R, Petit-Teixeira E, Soliman S, Helikar T and Niarakis A, Integrative Analysis and Dynamical Modelling of Signalling Pathways Involved in Rheumatoid Arthritis, Solvay workshop, " Dynamics of biological systems: Modelling genetic,

signalling and microbial networks", Brussels, 2 - 4 May 2018 (ULB - Campus Plaine - Solvay Room)

· Singh V, Ostaszewski M , Pankaew S, Kalliolias G, Chiocchia G, Olaso R, Petit-Teixeira E, Soliman S, Helikar T and Niarakis A, Integrative Analysis and Dynamical Modelling of Signalling Pathways Involved in Rheumatoid Arthritis, Young Researchers in Life Sciences Federation, YRLS 2018 at Ecole Normale Supérieure (Jourdan), 2 - 4 May 2018

· Singh V, Ostaszewski M , Pankaew S, Kalliolias G, Chiocchia G, Olaso R, Petit-Teixeira E, Soliman S, Helikar T and Niarakis A, Integrative Analysis and Dynamical Modelling of Signalling Pathways Involved in Rheumatoid Arthritis, Integrating Systems Biology: From Networks to Mechanisms to Models, EMBO WORKSHOP, EMBL Heidelberg, Germany, 15 - 17 Apr 2018

· Singh V, Petit-Teixeira E, Niarakis A. Integrative Modelling and Analysis of Molecular Pathways Involved in Rheumatoid Arthritis, WGC Advanced Course, In silico systems biology, Hinxton, Cambridge, 9-14, July, 2017

· Singh V, Petit-Teixeira E, Niarakis A. Integrative Modelling and Analysis of Molecular Pathways Involved in Rheumatoid Arthritis, Bioinformatics of protein¬-protein interactions, April 3-7, 2017, Institut Pasteur, Paris

· Singh V, Petit-Teixeira E, Niarakis A. Integrative Modelling and Analysis of Molecular Pathways Involved in Rheumatoid Arthritis; YRLS Conference 2016; Paris, France, 18-20 May.

· Niarakis A, Singh V, Petit-Teixeira E. Modélisation logique et analyse intégrative des voies moléculaires impliquées dans la polyarthrite rhumatoïde, 29e Congrès Français de Rhumatologie, Porte de Versailles, 11-13 Décembre 2016.

Volunteering:

· RECOMB 2018, 21-24 April, UPMC, Paris, France

· Biosynsys 2015, 1er colloque du GDR "Biologie de Synthèse et des Systèmes", 7-10 September, University Paris Diderot, Amphi buffon, Paris, France.