

Leslie REGAD

Born: March 12th 1981

Current position

Assistant Professor at the University Paris Diderot, In silico Therapeutic Molecules (MTi), INSERM UMR-S973 (since Sept 2011)

Co-responsible of the Master 2 in silico drug design (ISDD) (since Sept 2013)

Education

2005-2008: PhD in biostatistics and structural bioinformatics, Equipe de Bioinformatique Génomique et Moléculaire, University of Paris Diderot, Paris, France

2005: Master II of Biomathematics, University Pierre et Marie Curie, Paris, France

Research topics

Structural bioinformatics, chemoinformatics, drug design: Characterization and comparison of protein pockets ; Pocket descriptors ; Protein - ligand interactions ; Structural and functional motifs extraction from protein structures ; Structural alphabet

Biostatistics: multivariate data analysis; Machine learning methods

Teaching topics (University of Paris Diderot)

Since Sept 2013 : Co-responsible of the Master 2 in silico drug design (ISDD)

Biostatistics: 2nd year Licence Biology

R programming : 1st year Master Bioinformatics, 1st year Master genetic, - 2nd year Master In silico Drug Design

Machine learning methods: 1st year Master Bioinformatics - 2nd year Master In silico Drug Design

Supervision of 16 internship of student in L3-M1 Biology informatics and M2 in silico drug design

Other professional positions

2009-2011: **Post doc** in MTi, Inserm UMR-S973, University Paris Diderot, France

2008-2009: **Post doc** in Centre of Drug discovery, Helsinki Finland

Other professional activities

June 2016: Elected member of the Teaching council of the “UFR” of “Science du Vivant”

Since Nov 2012: Elected member of the MTi lab council

Since Sept 2011: Co-responsible of the 2nd year of the master *In Silico* Drug Design

June 2012-June 2016: Elected member of the Administrative council of the “UFR” of “Science du Vivant”

Publications

18 research articles published in international peer review journal. 3 book chapters, 12 research articles published in national or international proceedings

1. **Regad L**, Chéron JB, Triki D, Senac C, Flatters D, Camproux AC. *PLoS One*. **2017** 12:e0182972.
2. Cerisier N*, **Regad L***, Triki D, Petitjean M, Flatters D, Camproux AC. *Mol Inform*. **2017** doi: 10.1002/minf.201700040 (*: equal contribution)
3. Cerisier N, **Regad L**, Triki D, Camproux AC, Petitjean M. *J Comput Biol*. **2017** doi: 10.1089/cmb.2017.0061
4. Caumes G, Borrel A, Abi Hussein H, Camproux AC, **Regad L**. *Mol Inform* **2017**, 36:1700025
5. Zhang Y, Borrel A, Ghemtio L, **Regad L**, Boije Af Gennäs G, Camproux AC, Yli-Kauhaluoma J, Xhaard H. *J Chem Inf Model*. **2017**, 57:499-516.
6. Abi Hussein H, Borrel A, Geneix C, Petitjean M, **Regad L**, Camproux AC. *Nucleic Acid Res*. **2015** 43:W436-42.
7. Borrel A, **Regad L**, Xhaard HG, Petitjean M, Camproux AC. *J Chem Inf Model*. **2015** 55:882-95.
8. Méjean A, Mazmouz R, Paci G, Moncoq K, **Regad L**, Combes A, Pichon V, Ploux O, *Toxicol* **2014** 91:166-167.

9. **Regad L**^{*}, Pérot S^{*}, Reynès C, Spérandio O, Miteva MA, Villoutreix BO, Camproux AC. *PLoS One* **2013** 8: e63730. (*: equal contribution)
10. Moncoq K, **Regad L**, Mann S, Méjean A, Ploux O. *Acta Cryst.* **2013** D69: 2340-2352.
11. Boudsocq M, Droillard MJ, **Regad L**, Lauriere C. *Biochem J.* **2012** 447:291-9.2011.
12. **Regad L**, Martin J, Camproux AC. *BMC Bioinfo* **2011** 12:247.
13. **Regad L**, Saladin A, Maupetit J, Geneix C, Camproux AC. *Nucleic Acid Res* **2011** 9:W203-9.
14. Nuel G, **Regad L**, Martin J, Camproux AC. *Algo Mol Biol* **2010** 5:15.
15. **Regad L**, Martin J, Nuel G, Camproux AC. *BMC Bioinfo* **2010** 11:75.
16. Martin J, **Regad L**, Etchebest C, Camproux AC. *Proteins* **2008** 73: 672-689.
17. Martin J, **Regad L**, Lecornet H, Camproux AC. *BMC Struct Biol* **2008** 8:12.
18. **Regad L**, Guyon F, Maupetit J, Tufféry P, Camproux AC. *CSDA* **2008** 52: 3198-3207.

Communications

18 oral communications (5 international and 12 national) and **32 posters**