

S.A.F.AN. BIOINFORMATICS:

- **SAFAN-ISP** Small molecule in silico profiling.
- Custom research projects in structural bioinformatics and chemogenomics.

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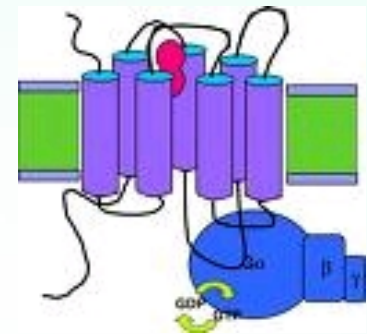
S.A.F.A.N. BIOINFORMATICS is:

- A research bioinformatic company located in Turin (Italy).
- It was established in January 2004, after winning a competition for innovative business plans, organised by the Politecnico di Torino.
- It is based on 14 years of experience in Italian and European universities,
- Worked for 8 years with some of the most important Italian pharmaceutical and biotech companies:



S.A.F.A.N. BIOINFORMATICS *expertises*

- Specific technical knowledge:
 - *Structural Bioinformatics*
 - *Bioinformatics*
 - *Chemogenomics*
- Specific knowledge on protein families:
 - *GPCRs*
 - *Metallo enzymes*
 - *Kinases*



S.A.F.A.N. BIOINFORMATICS libraries

Target Class	Number of targets	Number of Compounds
Adhesion Proteins	9	928
Enzymes	1737	125305
GPCR	195	79250
Ion Channels	154	17522
Secreted Proteins	37	1859
Structural Proteins	18	985
Surface Antigens	12	281
Transcription Factors	56	12226
Transporter	63	10154
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Total	2281	248510

What we offer:

SAFAN-SET: Derives training and test sets for your compound based on S.A.F.AN. BIOINFORMATICS target library.

SAFAN-ISP: Ranks the binding of your compound to S.A.F.AN. BIOINFORMATICS target library.

ISP-Docking: Performs the molecular docking of your compound to the highest probable targets for which 3D structure is available or homology models can be built: i.e. 92% of S.A.F.AN. BIOINFORMATICS target library.

Docking-Refinement: Refines the complexes that result from docking by Molecular Dynamic Simulation.

Why we got into NewProt

- S.A.F.AN. BIOINFORMATICS will use its consultancy expertise to aid the software partners with issues related to documentation, and user interaction.
- S.A.F.AN. BIOINFORMATICS wishes to participate in the NewProt project because it would increase its visibility in Italy and in the rest of Europe and would thus help it approach a larger part of the European bioinformatics market.

Thank You

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