

## Bioinformatics Software Developments in Spain and beyond

**Introduction:** Johan Karlsson  
**Closure:** Allan Orozco  
**Chair:** José María Fernández

**15:00-15:15** Introduction  
*GN5. Johan Karlsson*

### Bioinformatics tools and System

**15:15-15:30** EMBRACE and EMBRACE Registry. INB Web Services repository.  
*GN2. José María Fernández*

**15:30-15:45** Babelomics: an integrative bioinformatic platform for the analysis of transcriptomics, proteomics and genomic data with advanced functional profiling  
*GN3. Ignacio medina*

**15:45-16:00** "MoDEL: Molecular Dynamics Extended Library"  
*GN4. Carles Fenollosa, Adam Hospital, Joan Protasio*

**16:00-16:15** aGEM (Towards Gene Expression Data Integration and Beyond )  
*GN7. Natalia Jiménez*

**16:15-16:30** BlastXP: relating proteins by ligand similarity  
*GN9. Jordi Deu, Ferran Brianso*

**16:30-17:00** **COFFEE**

### Web services, Workflows and Widgets

**17:00-17:15** "Annotating Principal Isoforms with APPRIS in GENCODE project framework"  
"GOPHER: automatizing function prediction and function assessment"  
*GN2. José María Fernández*

**17:15-17:30**

MobyMiner

*GN6. Alexis, Laia, Dimitry, Romina y Pau*

**17:30-17:45**

Bioinformatics tools for Web Service Integration

*GN5. Victoria Martin-Requena*

**17:45-18:00**

GWASpi (Desktop application for genome-wide SNP analysis and management)

*GN8. Fernando Muniz*

**18:00-18:15**

Introduction to open source

*JR Valverde*

**18:15-18:30**

Open source for bioinformatics

*Allan Orozco*