Posters

Posters are numbered and arranged consecutively. In addition each poster has an A, B or C after it to indicate which day it will be presented (A = Tuesday, B = Wednesday, C = Thursday) from 14:50 to 15:50.

1A **Alternative Splicing Analysis: The Silencing of the Human Colon Oxidase Complex.** B. Scholtz

2B **Galaxy container for Hinxton Single Cell Interactive Analysis Portal (HiSciAP).** J. Manning

3C **Galaxy in fields, gardens and greenhouses for better seeds.** M. Faubladier, F. Sapet, C. Segard

4A **Gene Expression Analysis of In vitro Anti-filarial Activity of Natural and Synthetic Sesquiterpene Lactones from the Plant Neurolaena lobata.** L. Perez-Perez

5B **Improving Transcriptome Analysis with Molecular Indices and Galaxy.** B. W. Langhorst

6C **miRGalaxy: Galaxy tool for miRNA Analysis of NGS datasets (sRNA-seq).** I. Glogovitis

7A **Knockdown Effects of MAGOHB on Alternative Splicing Via RNA-Seq Analysis.** G. Basumata

8B **Transposon Insertion Sequencing Analysis in Galaxy.** D. Lariviere

9C **Development and Deployment of a Workflow for the Genomic Analysis of Campylobacter Jejuni.** J. A. Barbero Aparicio

10A **Dima: Data-driven recommendation for a high-performing imputation algorithm.** J. Egert

11B **LC-MS/MS tool and interactive visualizations integration on Galaxy Workflow4Metabolomics infrastructure.** R. Dallet

12C **Reproducible and accessible analysis of spatially resolved proteomics and metabolomics data.** M. Föll

13A **Evaluation of tools and workflows for database construction for environmental metaproteomics.** V. Jouffret

14B **Modulation of Nav1.5 mechanosensitivity by beta1 and beta3 subunits.** M. Maroni

15C **A new Galaxy Wrapper for MaxQuant.** D. Glaetzer

16A **Predicting Gene Expression from Histone Modifications and Chronological Age by RNA-Seq Data using Galaxy Machine Learning Tools.** A. Khanteymoori

17B **Analysis and visualization of the human cardiac myocyte epigenome using Galaxy.** R. Gilsbach

18C **Applying new model for predicting effects of gene variants in epigenetic regulators within Galaxy environment.** T. Drljaca

19A **EpiGeEC allows fast comparison of user datasets with thousands of public epigenomic datasets through Galaxy.** J. Laperle

20B **Testing and Visualizing the State of Galaxy Tools and Workflows.** M. Čech

21C **Improved Reference Data Management in Galaxy: Towards a Plant Data Analysis Platform.** I. Eguinoa

22A **Laniakea: A Galaxy-on-demand Provider Platform Through Cloud Technologies.** M. A. Tangaro

23B **Galaxy on Kubernetes: where we are and future challenges.** P. Moreno

24C **Galaxy on Kubernetes.** N. Goonasekera

25A **Building a Galaxy Trusted Server to Ensure Privacy and Ownership in Genomic Research.** G. Zhang

26B **RealTimeTools: Integrating, Customizing, and Accessing UI-based Tools in Galaxy.** D. Blankenberg

27C **Galaxy on Site: Flexibility without Tears.** A. Eschenlauer

28A **InteractoMIX integration in Galaxy.** P. Mirela Bota

29B **ARIAWeb: a new web service for automated NMR structure calculation with ARIA.** F. Mareuil

30C **Towards a platform for genomics medicine.** W. Maier

31A **Development and implementation of a Galaxy instance geared towards microbiological applications within an applied public health setting.** J. Van Braekel

32B **The IRIDA Platform for Microbial Genomics.** A. Petkau

33C **HiCExplorer 3: A toolbox for Hi-C data analysis.** J. Wolff

34A **A Newly Opened Galaxy Platform at Clermont Auvergne University.** N. Goué

35B **NanoGalaxy: A Galaxy toolkit and workflows for long-read sequencing.** W. de Koning

36C **EDAM: the ontology of bioinformatics operations, types of data, topics, and data formats (2019 update).** M. Kalaš

37A **Galaxy Genome Annotation Project: Easier Genome Annotation Using Galaxy and GMOD Tools.** A. Bretaudeau

38B **Visual Refinement of Genome Annotations with Apollo in a Community Environment.** N. Dunn

39C **Deployment of Genome Databases for Algae Using Galaxy Genome Annotation.** L. Brillet-Guéguen

40A **Aequatus.js: a plugin to visualise gene trees in Galaxy.** A. Thanki

41B **Training experience on "Data analysis and interpretation for clinical genomics" using Galaxy.** G. Cuccuru

42C **Experience of Galaxy training at a biomedical institute.** M. Doyle

43A **Galaxy and Training: 2019 updates from the Galaxy Training Network.** B. Batut

44B **A brief overview on how bililleis using Galaxy for sharing knowledge, computational resources & tools.** L. Coudrec

45C **Galaxy-Bricks a Tool for Data Literacy and Scientific Approach Education in the Context of Citizen Science.** S. Bénateau

46A **Galaxy-E project: 2019 news.** Y. Le Bras

47B **Climate Analysis with Galaxy.** A. C. Fouilloux

48C **The ChemicalToolBox - Computational Chemistry in Galaxy.** S. Bray

49A **Mining hot topics in stem cells by combining text mining and scientometrics.** Z. Hu, X. Wang

50B **Using Galaxy for Creation and Execution of Text Mining Workflows in the OpenMinTeD platform.** D. Galanis

51C **How Usable is Galaxy? A Usability Evaluation of Galaxy.** D. Brand

52A **Science Data Center BioDATEN in relation to the Galaxy Community.** B. Grüning

53B **UseGalaxy.eu: Community, Training, Infrastructure, and Users.** H. Rasche

54C **TrackFind: FAIR Search of Genomic Tracks .** R. Kompova1

Demos

Tuesday 2nd July

			Spain
15:00	1A	**Galaxy Computational Chemistry.** B. Barnett	
15:25	2A	**Climate Analysis with Galaxy.** A. C. Fouilloux	
			France
15:00	3A	**Analysing and organising large-scale metabolome annotation studies with Django, ISA and Galaxy.** T. Lawson	
15:25	4A	**GalaxyCloudRunner: Streamlined Cloud Bursting for Galaxy.** N. Goonasekera	

Wednesday 3rd July

			Belgium
15:00	5B	**Combat-tb Workbench, A Customizable Platform For Variant Discovery And Annotation, Phylogeny Construction And Variant Prioritisation.** Z. Mashologu	
15:25	6B	**ProteoRE, a Galaxy-based platform for the annotation and the interpretation of proteomics data in biomedical research.** F. Combes	
			Spain
15:00	7B	**Knockdown Effects of MAGOHB on Alternative Splicing Via RNA-Seq Analysis.** G. Basumata	
15:25	8B	**Tool Prediction in Galaxy Workflows using Deep Learning.** A. Kumar	
			France
15:00	9B	**Mining hot topics in stem cells by combining text mining and scientometrics.** Z. Hu, X. Wang	

Thursday 4th July

			Spain
15:00	10C	**Interactive Galaxy Visualizations for Multi-omics Research.** R. Sajulga	
15:25	11C	**NanoGalaxy: A Galaxy toolkit and workflows for long-read sequencing.** W. de Koning	
			France
15:00	12C	**Visual Refinement of Genome Annotations with Apollo in a Community Environment.** N. Dunn	
15:25	13C	**The IRIDA Platform for Microbial Genomics.** A. Petkau	
			Belgium
15:00	14C	**Galaxy on Kubernetes.** S. Golitsynskiy, E. Afgan, A. Mahmoud, N. Goonasekera	