

BioPreDyn deliverables schedule

1	Database Integration & Exploitation	WP leader: di Bernardo; Partners: Saez, Jaeger, Kaandorp, Mendes, Lawrence, Boix	
1.1	Database Infrastructure	F. Telethon	1/4/13
1.2	Database /tools Interface	EMBL	1/4/13
1.3	Integration Workflows	CoSMo	1/4/13
1.4	Data Integration Tools	CoSMo	1/4/13
1.5	Model Data File Editor	CoSMo	1/4/13
2	Visualisation Tools for Data & Model Building	WP leader: Lawrence; Partners: Saez, Jaeger, Lawrence, Boix, Kaandorp, Rattray	
2.1	GPLVM Software	Sheffield	1/4/13
2.2	DataRail Visualisation Tools	EMBL	1/4/13
2.3	Spatial Visualisation Tools	UvA	1/4/13
3	Integrated Software Tools for the Modelling Cycle	WP leader: Banga; Partners: Jaeger, Saez, Blom, di Bernardo, Mendes, Lawrence, Rattray, Boix, Kaandorp	
3.1	Bayesian Inference Tools	Sheffield	1/10/13
3.2	Parameter Estimation Tools	CSIC	1/4/13
3.3	Multi-objective Optimisation Tools	UvA	1/10/14
3.4	Integrated Suite of Tools	CoSMo	1/10/14
4	Application: Large-scale Models of Microorganisms	WP leader: Mendes; Partners: Banga, di Bernardo, Blom, Mauch, Mouillon	
4.1	Reconstruction of E. coli metabolism	UniMan	1/4/13
4.2	Genome-wide Kinetic Model of S. cerevisiae	CSIC	1/4/13
4.3	Reconstruction of CHO Cell Metabolism	F. Telethon	1/4/13
4.4	Genome-wide Kinetic Model of E. coli	UniMan	1/4/13
4.5	Gene Regulatory Network of E. coli	UniMan	1/10/14
4.6	Combined Metabolic/Regulatory Model of E. coli	Insilico	1/10/14
5	Application: Signalling & Regulatory Networks in Cells	WP leader: Saez; Partners: Banga, Blom, di Bernardo, Lawrence, Mattray, Mauch	
5.1	Algorithms for Integration of Signalling Data	EMBL	1/4/13
5.2	Reconstruction of CHO Signalling Networks	Insilico	1/10/14
5.3	Kinetic Models of CHO Signalling Networks	Insilico	1/10/14
5.4	Integrated Signalling/Metabolic Models (CHO)	Insilico	1/10/14
6	Application: Developmental Gene Regulatory Networks in Animals	WP leader: Kaandorp; Partners: Jaeger, Blom, Lawrence	
6.1	Datasets for Spatial Gene Expression	UvA	1/4/13
6.2	Animal Regulatory Network Models	UvA	1/10/14
7	Application: Biotechnological Production Processes	WP leader: Mouillon; Partners: Banga, Blom, Mendes, Mauch, Mouillon	

7.1	Specifications for Software Functionality & GUI	Fluxome	1/4/13
7.2	Prototype Software for Testing	CoSMo	1/4/13
7.3	Models: Biotechnological Production Processes	CSIC	1/10/14
7.4	Comparative Analysis of Producer Strains	Insilico	1/10/14
7.5	Target Identification for Process Optimisation	Fluxome	1/10/14
8	Dissemination, Exploitation & Training	WP leader: Boix; Partners: Jaeger, Banga	
8.2	Software Development/Testing Architecture	CoSMo	1/4/13
8.3	Integrate Software Suite	CoSMo	1/10/14
8.4	Talks/Demo Stalls at Meetings	CoSMo	1/10/14
8.5	Manuscripts on Software Suite/Tools	CoSMo	1/10/14
8.6	Internal Workshop at the CRG	CRG	1/4/13
8.7	External Workshop at the EBI/EMBL	CRG	1/10/14
8.8	COPASI workshop	CRG	1/10/14
8.9	Researcher Exchange Visits Between Partners	CRG	1/10/14
9	Project Management	WP leader: Raker; Partners: all	
9.5	1st Annual Meeting	CRG	1/10/12
9.6	2nd Short scientific 6-months report	CRG	1/10/12
9.7	1st Periodic Activity and Management Report	CRG	1/4/13
9.8	Mid-term review	CRG	1/4/13
9.9	2nd Annual Meeting	CRG	1/10/14
9.10	3rd Short scientific 6-months report	CRG	1/10/14
9.11	4th Short scientific 6-months report	CRG	1/4/14
9.12	Final Meeting	CRG	1/10/14
9.13	Final Activity & Management Reports	CRG	1/10/14