Increasing the Impact of Glycoscience through New Tools and Technologies

Conference scope:

The idea of this 3 day meeting is to show-case the existing new developments and applications produced during the 4 years of the *Euroglycoarrays* network in multiple collaborations between the partner laboratories in a small but intensive workshop. It will be open to a broader audience outside of the glycoscience field interested in incorporating recently developed glycomics tools to their own lines of biological or biomedical research. In addition, this meeting will bring together scientists from both currently EU financed ITN networks *Carmusys* which focuses on *Carbohydrate Multivalent System as Tools to Study Pathogen Interactions with DC-SIGN and Euroglycoarrays* together, with lectures from partner labs of both networks and ample opportunities to discusss future alliances. A special focus of the meeting and subject of 6 keynote lectures will be the increasing impact of glycoscience on other disciplines like genomics, proteomics, metabolomics, material science, clinical research or cell biology. Key note lectures for at least three of these areas will be given by experts outside of the Euroglycoarrays network.

Venue:

The entire workshop will be held at CICbiomaGUNE, San Sebastian, Spain which reduces the possible number of participants to a maximum of 75 people.

Date:

Conference will start on 19th and end on the 21st of July 2012. Participants attending the International Carbohydrate Symposium 2012 in Madrid (22nd to 27th of July) will have the opportunity to a take a joint bus to Madrid on the morning of the 22nd of July.

Registration:

Details to be announced soon.

time	19th July	20th July	21th july	22nd July
9:00-10:30		**Key note lectures 3+4**	**Key note lectures 5+6**	Joint bus to ICS 2012, Madrid Pickup from Hotels
10:30-11:00		Coffee break	Coffee break	
11:00-11:30		**Session2** 6 speakers (15 min)	**Session 5** 6 speakers (15 min)	
11:30-12:00		break	break	
12:00-13:30		**Session 3** 3-6 speakers (15-30 min)	**Session 6** 3-6 speakers	
13:30-14:30	Welcome lunch	lunch	lunch	
14:30-16:00	**Key note lectures 1+2**	**Poster Session** and Coffee break	**Session 7** 4-6 speakers	
16:00-16:30	Coffee break		Coffee break	
16:30-18:30	**Session 1** 3-6 speakers (15-30min)	**Session 4** 4-6 speakers	**Session 8** 4-6 speakers	
21:000			Joint dinner	

Session topics:

1. Ligand synthesis
2. Array technology (surfaces, conjugation, readout)
3. Glycan analysis technology (lectin arrays, mass spectrometry, HPLC)
4. Array applications (screening)
5. Bioinformatics and databases,
6. Commercial opportunities in glycoscience (companies or entrepreneurs)
7. Carbohydrate-Protein Interactions
8. to be announced