6th March 2014

SME Bioinformatics Forum, Hinxton 2014

Dominic Clark
Industry Programme Manager
clark@ebi.ac.uk
www.ebi.ac.uk/industry
What is EMBL-EBI?

- Part of the European Molecular Biology Laboratory
- International, non-profit scientific institute
- Europe’s hub for biological data services
The new EBI South building & ELIXIR Technical hub.
OUR MISSION

To provide freely available data and bioinformatics services to all facets of the scientific community in ways that promote scientific progress

EMBL-EBI
OUR MISSION

To contribute to the advancement of biology through basic investigator-driven research in bioinformatics
OUR MISSION

To provide advanced bioinformatics training to scientists at all levels, from PhD students to independent investigators.

EMBL-EBI
OUR MISSION

To help disseminate cutting-edge technologies to industry
OUR MISSION

To coordinate biological data provision in Europe
Rationale

• These workshops are designed to allow SMEs to hear about molecular and genomic databases and services that are provided freely by EMBL-EBI and our collaborators, to understand the international data sharing agreements underlying these data resources and the road map for future developments.

• The Forum will introduce bioinformatics tools and data resources. The topics of the workshop have been specifically selected to be of greatest interest to organisations in the biopharmaceutical and biotechnology industries.
### Programme, 6th March 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Item</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>09.45</td>
<td>Registration and refreshments</td>
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<tr>
<td>10.30</td>
<td>Programme Overview</td>
<td>Dominic Clark (EMBL-EBI)</td>
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<tr>
<td>10.35</td>
<td>Welcome from EMBL-EBI</td>
<td>Dame Janet Thornton, Director (EMBL-EBI).</td>
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<tr>
<td>10.55</td>
<td>Welcome from OneNucleus</td>
<td>Tony Jones, Business Development Manager, (One Nucleus)</td>
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<tr>
<td>11.15</td>
<td>ELIXIR, the pan-European research infrastructure for biological information.</td>
<td>Niklas Blomberg, ELIXIR Director</td>
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<td>11.35</td>
<td>Overview of EMBL-EBI's data resources and services</td>
<td>Sarah Morgan (EMBL-EBI)</td>
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<td>11.40</td>
<td>Genomics: 'Ensembl Highlights: Accessing the Genome'</td>
<td>Giulietta Spudich, Ensembl Outreach Officer (EMBL-EBI)</td>
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<td>12.10</td>
<td>Lunch and Networking</td>
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<tr>
<td>Time</td>
<td>Topic</td>
<td>Presenter</td>
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<td>13.55</td>
<td>Proteins: UniProt and proteomics services (including Reactome)</td>
<td>Sandra Orchard, Proteomics Services Team Coordinator (EMBL-EBI)</td>
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<td>14.20</td>
<td>Cheminformatics and metabolism resources (including ChEBI)</td>
<td>Janna Hastings Group Coordinator, Cheminformatics and metabolism (EMBL-EBI)</td>
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<td>14.40</td>
<td>Chemogenomics and bioactivity resources (ChEMBL)</td>
<td>Anne Hersey, ChEMBL Coordinator (EMBL-EBI)</td>
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<td>15.05</td>
<td>Overview of EMBL-EBI’s Web Services with worked examples</td>
<td>Rodrigo Lopez, Head of Web Production (EMBL-EBI)</td>
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<td>15.25</td>
<td>EMBL-EBI's training programme: improving accessibility to industrial users</td>
<td>Cath Brooksbank, Head of Training, EMBL-EBI</td>
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<td>15.45</td>
<td>~ Coffee break ~</td>
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## Programme, 6\textsuperscript{th} March 2014

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>16.30</td>
<td>Applications and case studies</td>
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<td>1000 Genomes project</td>
<td>Chris Tyler-Smith, Wellcome Trust Sanger Institute</td>
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<tr>
<td>17.00</td>
<td>Pfizer/Neusentis case studies</td>
<td>Alex Gutteridge, Pfizer Neusentis</td>
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<td>17.45</td>
<td>Wrap-up discussion</td>
<td>Dominic Clark (EMBL-EBI) and Aline Charpentier (One Nucleus)</td>
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<td>18.00</td>
<td>Networking reception</td>
<td>EMBL-EBI South Building</td>
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<tr>
<td>09.00</td>
<td>Welcome coffee</td>
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<td>09.15</td>
<td>Dr. Gabriella Rustici: Functional genomics: Array Express and the Expression Atlas</td>
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<td>Dr. Sandra Orchard: Proteins: UniProt and proteomics services (including Reactome)</td>
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<td>12.45</td>
<td>Close of training</td>
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Wrap up discussion