# Bioinformatic Consulting Services

**How to Work With Us**

Please email any of our Bioinformaticians at bcg<at>utgsaf.org for Information or Pricing regarding any of these Services

<table>
<thead>
<tr>
<th>Walk-in Consultations</th>
<th>Hourly Projects</th>
<th>Long-Term Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consultants are available to discuss any bioinformatics or biocomputing questions, for up to an hour at a time. Appointments are highly recommended to ensure that a consultant is available.</td>
<td>Consultants can be hired on an hourly basis to work on well-defined problems, such as data analysis, pipelines, or scripting. For examples, <a href="http://example.com">see this link to standard pipelines on wiki</a></td>
<td>For research projects where a research team requires CCBB's expertise on a more involved, collaborative basis, consultants can be hired for a fixed percentage of their time over a pre-defined time period.</td>
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**Full Service Pipelines**

Our Consulting Group can also perform standardized analyses for a minimal fee. Each pipeline is a "best practices" implementation of commonly cited, open-source tools and techniques appropriate to the data provided and questions asked.

**Pipelines available**

- **DNA-Seq Variant Calling Pipeline**: Identification and annotation of SNPs and/or somatic mutations compared to reference genome. 10 hour minimum ($470 internal, $600 external) per project.
- **RNA-Seq Analysis Pipeline**: This pipeline uses an annotated genome to identify differential expressed genes/transcripts. 10 hour minimum ($470 internal, $600 external) per project.
- **RNA-Seq Downstream Analysis**: Machine learning methods (including clustering, dimensionality reduction, classification and regression modeling, resampling techniques, etc.), ANOVA modeling, and empirical Bayes analysis. 12 hour minimum ($564 internal, $720 external) per project. This includes 1 hour of training, if needed.
- **Transcriptome Assembly**: Assembly of RNA-seq short reads into a transcriptome. 12 hour minimum ($564 internal, $720 external) per project.
- **Protein Identification and Validation**: Identify peptides/proteins given raw mass-spec data, 6 hour minimum ($282 internal, $360 external) per project.
- **Differential Protein Expression Analyses**: Differential protein expression analyses, 6 hour minimum ($282 internal, $360 external) per project.
- **Post-translational modification (PTM) identification**: Identify and analyze PTMs in large-scale, 12 hour minimum ($564 internal, $720 external) per project.