## Lecture Outline for “Experimental Approaches in Molecular and Cell Biology”

<table>
<thead>
<tr>
<th>Topic</th>
<th>Methods to study RNA and RNA interference</th>
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<tbody>
<tr>
<td>Lecturer</td>
<td>Dr. Huey-Nan Wu</td>
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<td><strong>Course Outline</strong></td>
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<tr>
<td>1. Synthesis of RNA in vitro</td>
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<td>2. RNA 2D structure prediction by the Mfold GCG program</td>
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<td>3. Probing the structure of RNA</td>
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<td>5. RNA interference theory and application</td>
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