### PhD Day 2018
**University Doctoral Study “Medicinal Chemistry”**

**DATE:** Friday, September 28  
**PLACE:** University Campus, University Departments, Radmila Matejčić 2, Rijeka, Lecture hall O-030

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Presenter/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>10-1005</td>
<td>Welcome address</td>
<td>Head of the Department of Biotechnology, Assoc. Prof. Marta Žuvić</td>
</tr>
</tbody>
</table>
| 1005-1025 | PhD study Overview and Updates                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          | • Current evaluation of PhD program “Medicinal Chemistry”           | Assist. Prof. Ivana Ratkaj (BIOTECH) |
|          | • Perspectives and new directions                                    | defense committee:  
|          | • Updated obligations and rights of students and mentors             | Assist. Prof. Ivana Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Elitza Petkova Markova Car (BIOTECH)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB) |
| 1030-1130 | PhD topic defense                                                     | Marina Matešić (BIOTECH; 3rd year PhD student; mentor: Assist. Prof. Igor Jurak):  
|          | “Expression and Function of Mir-H1 of Herpes Simplex Virus 1”       | defense committee:  
|          |                                                                      | Assist. Prof. Ivana Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Elitza Petkova Markova Car (BIOTECH)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB) |
| 1130-1230 | Invited speaker lecture                                              | “The Chemistry of Career Development: Observations from a Stranger in a Strange Land.”  
|          |                                                                      | Dr. sc. David M. Smith (IRB) |
| 1230-14  | Lunch                                                                 | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 14-1430  | Progress report                                                       | Ivana Bertović (BIOTECH; 3rd year PhD student; mentor: Assist. Prof. Antonija Jurak Begonja):  
|          | “PI3P modulates megakaryocyte maturation and platelet production through late endosomes/lysosomes” | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 1430-15  | Progress report                                                       | Mihaela Jurković (Fidelta: 1st year PhD student; mentor: prof. Milan Mesić):  
|          | “Novel photo-redox chemistry - a new tool for expanding chemical space of potential drugs” | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 15-1530  | Progress report                                                       | Martina Mušković (BIOTECH; 1st year PhD student of Assist. Prof. Nela Malatesi):  
|          | “The effect of singlet oxygen production and lipophilicity of the photosensitiser in photodynamic activity of N-methylated and N-oxidised pyridylporphyrins” | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 1530-16  | Progress report                                                       | Iva Orehekovic (IRB; 3rd year PhD student; mentor: prof. Ivo Piantanida):  
|          | “Cyanine dyes as potential markers for mitochondrial DNA”           | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 1600-1615 | Concluding Remarks Q&A                                               | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |
| 1615-1700 | Student’s round table                                                | Informal committee of PhD program teachers and mentors:  
|          |                                                                      | Assoc. Prof. Miranda Mladinić Pejatović (BIOTECH)  
|          |                                                                      | Prof. dr. sc. Milan Mesić (Fidelta)  
|          |                                                                      | Dr. sc. David M. Smith (IRB)  
|          |                                                                      | Assist. Prof. Vjekoslav Tomaić (IRB)  
|          |                                                                      | Assist. Prof. Igor Jurak (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Ratkaj (BIOTECH)  
|          |                                                                      | Assist. Prof. Ivan Munitić (BIOTECH) |

Organisers: Assist. Prof. Ivana Munitic and Assist. Prof. Jelena Ban