

Algal cell biophysical properties as markers for enviromental stress in aquatic systems

FINAL WORKSHOP PROGRAMME

Ruder Bošković Institute, Zagreb

Monday, 20.08.2018.

09.00 - 09.10	N. Ivošević DeNardis, Project workshop introduction
09.10 - 09.20	N. Novosel, Introductin to Genus <i>Dunaliella</i>
09.20 - 09.35	I. Ružić, Theoretical base for metal complexation in growth medium

Adhesion

09.35-09.50	N. Ivošević DeNardis, Amperometric characterization of cells before & after the stress
09.50-10.05	J. Pečar Ilić, Kinetic interpretation of amperometric signals of cells before & after the stress: Methodology for signal analysis
10.05-10.20	I. Ružić, Kinetic interpretation of amperometric signals of cells before & after the stress: Comparison of determined kinetic parameters

Cell autonomous features

10.20-10.30	Cell motility–preliminary results, D. Kasum (Expert service)
10.30-10.45	A. Marček Chorvatova, Characterization of endogenous flourescence
10.50-11.05	Break

Proteins

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| 11.05-11.20 | B. Gyrcsik, Membrane protein expression |
| 11.20-11.30 | R. Balogh, flash talk presentation |
| 11.30-11.40 | B. Hajdu, flash talk presentation |

Cell imaging and mechanical characterization

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| 11.40 -11.55 | T. Mišić Radić, AFM characterization of cells |
| 11.55-12.10 | J. Sepitka, Mechanical characterization of cells |

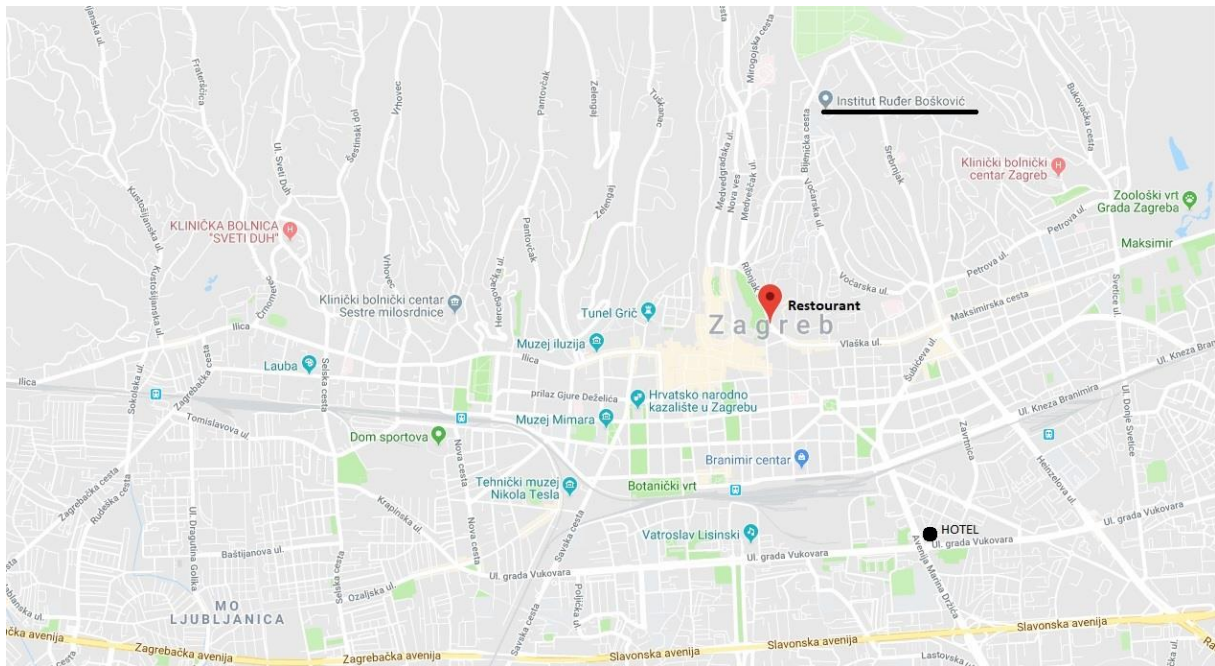
Discussion

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| 13.00 -14.30 | Lunch at the Institute |
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Discussion & results integration

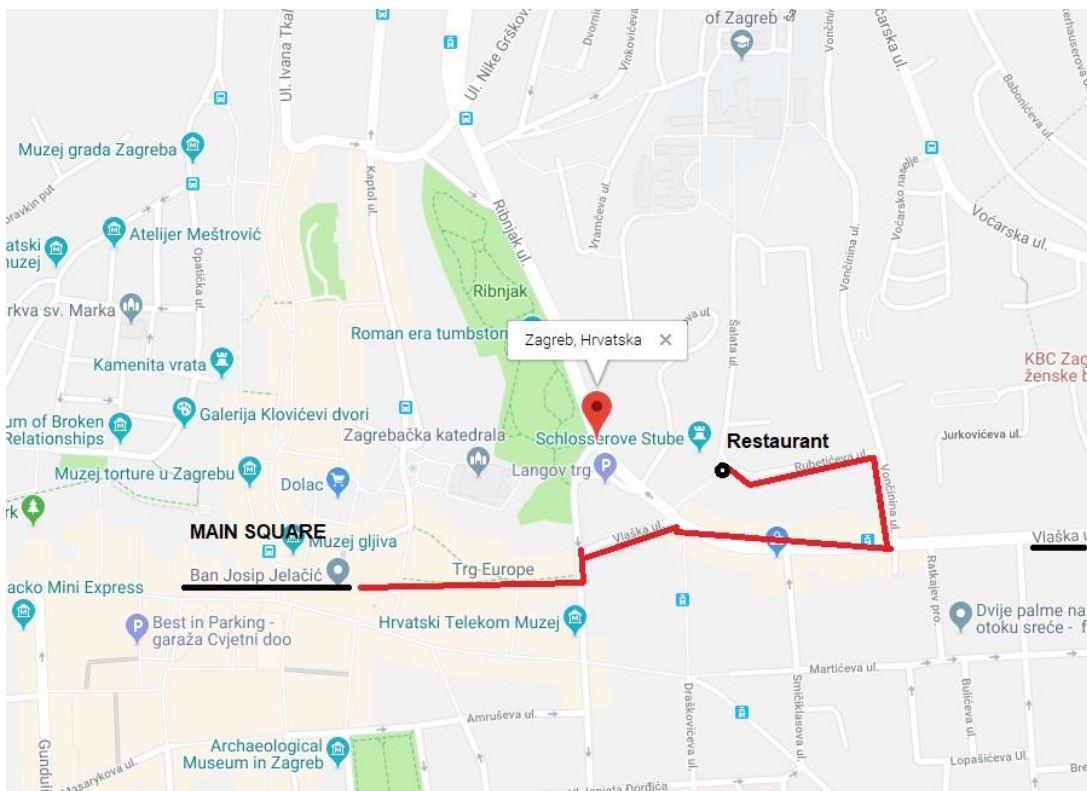
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| 19.00-21.00 | Dinner at the restaurant „Kod Pere“, address: Rubetićeve 25
(map attached) |
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Location of the Restaurant „Kod Pere“



From the Institute is cca.10-15 minutes walk.

Closer map of restaurant location



From the main square, it is about 10-15 minutes walk. You can take tram No. 12 (direction Dubrava) for two tram stops. The second stop is Vlaška street.

Tuesday, 21.08.2018.

09.00 – 11.00	Final discussion and workshop conclusion
11.00 - 12.00	Project administration
12.00 - 13.30	Lunch at the Institute