



**BIOMEDICAL  
CENTER**

# JOURNAL CLUB

Basic principles and workflows of  
proteomics and model applications  
of proteomics in biomedical research

by Zdeněk Tůma

18. 11. 2015 at 15<sup>00</sup>

Let me invite you to the next Journal Club, that is scheduled on the Wednesday, November 18th, at 3pm in the seminar room. In this club, basic principles and workflows of proteomics and model applications of proteomics in biomedical research will be presented. Proteomics is a study of the complete set of proteins expressed by an organism, tissue, or cell. Laboratory methods that include separation of proteins and mass spectrometry allow high throughput identification and quantitation of proteins in biological systems. Using untargeted proteomic approaches, functions of organs, cells or subcellular organelles in physiologic and pathophysiologic conditions can be studied. Results of proteomics can be used for characterization of mechanisms of pathologies, identifications of therapy targets and for searching of biomarkers.

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Dear Colleagues,

You are cordially invited to participate and, if you decide so, to present 'the best of all' paper which you came across and which might have a great value for your colleagues. This Journal Club is made for you. It is a good place to come and to share your ideas and to get another from your peers. Do not hesitate and send an email if you would like to be included in the mailing list. Please, inform your colleagues about this event.

We are looking forward to your participation!

Jiri Kroc & Lucie Vistejnova & Pavel Klein

List of future and past events are at the page:

<https://plus.google.com/communities/104180668850948576055>

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