



**BIOMEDICAL  
CENTER**

# JOURNAL CLUB

Jiří Kroc

## NETWORK MEDICINE Mathematical Introduction, Definition and Applications

8. 6. 2016 at 2 p.m.

Network Medicine is a fruit of cooperation of mathematics and biology that is driving biological and medical research into not previously envisioned directions and that is gaining a high popularity among bio-researchers. This concept is just a beginning of new era of mathematics applied in biological research. We are still opening new insights into quantification of biological processes operating concurrently at many levels of living matter using this tool. An introduction into Complex Networks along with its application within biology will be accompanied with a number of vital examples from biomedical research.

There will be space for a discussion about this hot issue.

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**About JC:** The goals of Journal Club are manifold. Primarily, it serves as a forum where every member of our Biomedical Center can present the latest results from his field and specialization in a way that is accessible to her/his colleagues. The first language of JC's is English. Additionally, it serves as a place to present results from own research and to train presentations. We would like to stimulate discussion across multiple scientific fields in order to reach wider and deeper insight of contemporary development of science. Researchers from outside of the center are welcomed to participate and/or to present their own topics. Please, do not hesitate to come or to contact us. Organizers: J. Kroc, L. Vistejnova and P. Klein.

**Journal Club on G+:** <https://plus.google.com/u/0/communities/104180668850948576055>

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**Biomedical Center**

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