

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Informatics
Procedure field	Informatics
Applicant	Matej Lexa, Doctor of Philosophy
Lecture date	2. 5. 2023
Lecture topic	How sequence repeats in genomes complicate life - solutions out in the wild, in biology and bioinformatics
Persons present (number)	30
Designated evaluators (board members)	prof. RNDr. Michal Kozubek, Ph.D. prof. Mgr. Jiří Damborský, Dr. Univ.-Prof. Dr. Arndt von Haeseler prof. Ing. Jan Holub, Ph.D. doc. Mgr. Tomáš Vinař, PhD.

Applicant's public lecture presented importance of repeats in biology followed by the state-of-the-art in their detection using computing methods and bioinformatics tools. The lecture finished with technical exposition of examples from applicant's own research and plans for future work.

The lecture demonstrated the applicant's very good technical and presentation skills, and also his deep understanding of the presented area. The text in the slides was complemented by numerous examples that helped understanding the presented material. Visual part of the slides could have been improved since font size was sometimes too small to read. Regardless, the pedagogical level was high and the presenter introduced interactive elements to keep attention of the audience. The English language level was high.

At the end the applicant answered several questions from the audience in a satisfactory way. The answers showed that he has a broad understanding of the presented topic as it was clear from the way he answered the questions. The discussion further enhanced the value of the presentation.

Conclusion

The lecture delivered by Matej Lexa, entitled "How sequence repeats in genomes complicate life - solutions out in the wild, in biology and bioinformatics", and delivered as part of the habilitation procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a habilitation procedure in the field of Informatics.

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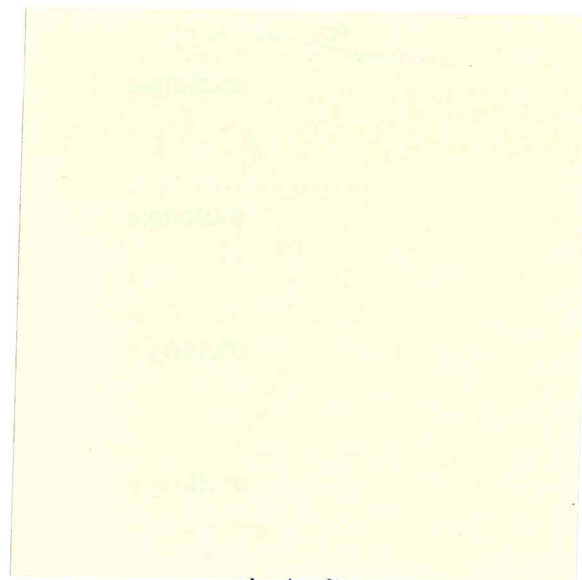
Michal Kozubek

Jiří Damborský

Arndt von Haeseler

Jan Holub

Tomáš Vinař



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