Genome Sciences Seminar

Wednesday, 11.3.21│ 12:00│ held remotely
https://depts.washington.edu/gsrestrc/remote.htm

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"Machine learning in medicine: sepsis prediction and antibiotic resistance prediction"

We develop novel Data Mining Algorithms to detect patterns and statistical dependencies in large datasets from Biology and Medicine.

We are working towards two central goals: To enable the automatic generation of new knowledge from Big Data through Machine Learning, and to gain an understanding of the relationship between the function of Biological Systems and their molecular properties. This understanding is of fundamental importance for Personalized Medicine, which tailors medical treatment to the molecular properties of each patient.

https://bsse.ethz.ch/mlcb