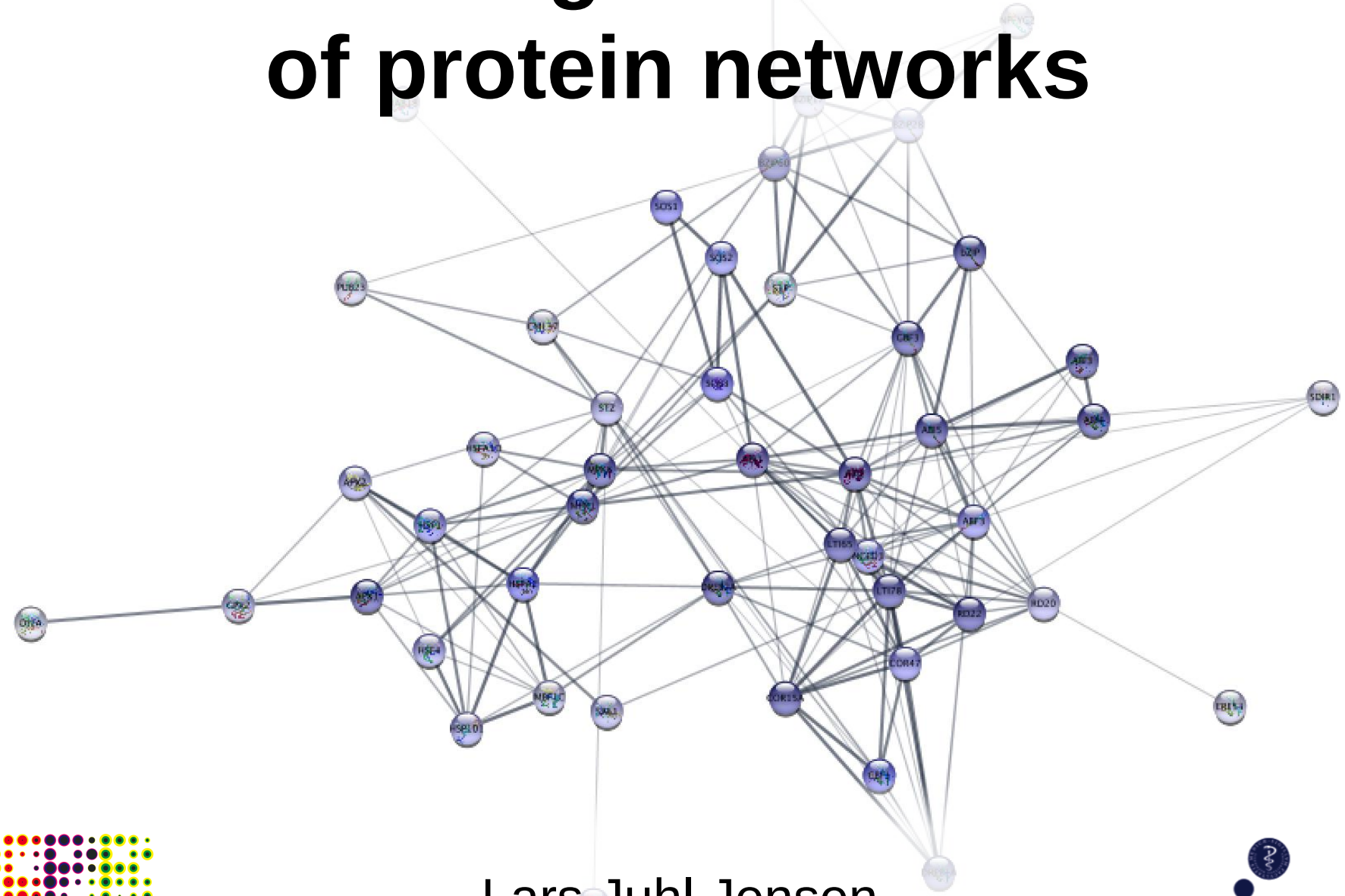
Text-mining-based retrieval of protein networks



Lars Juhl Jensen

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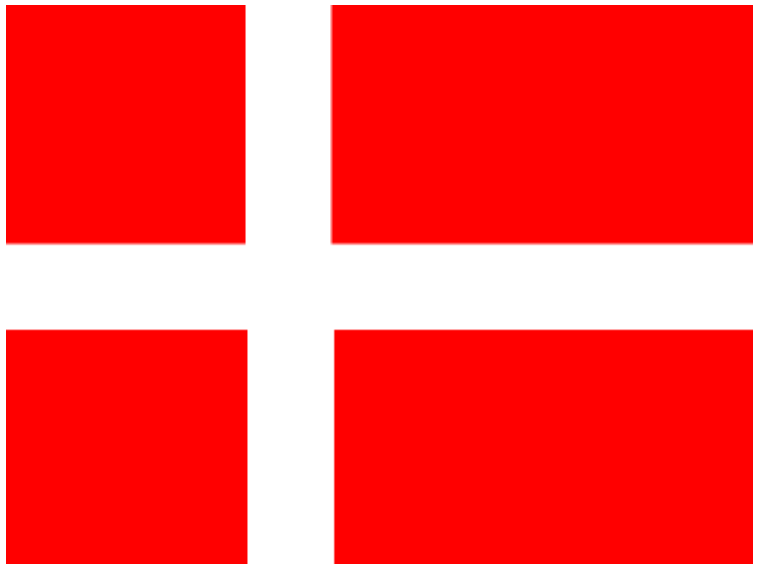
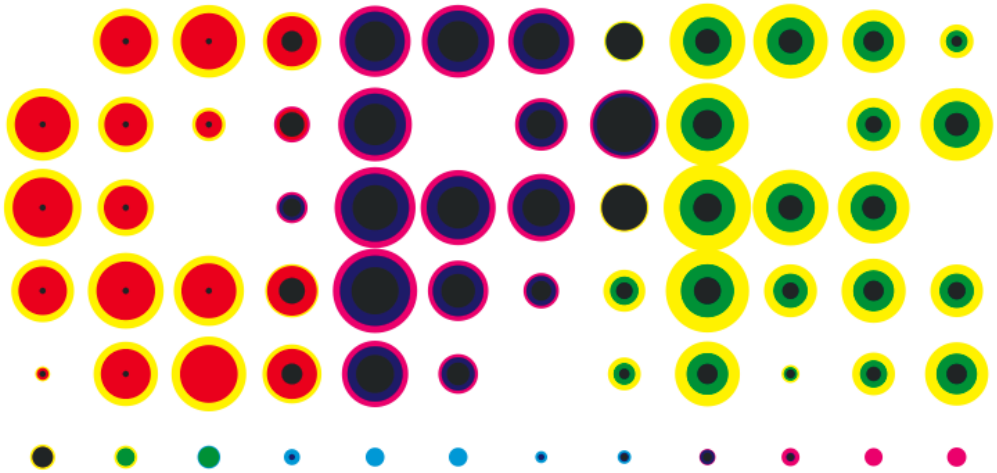
UNIVERSITY OF COPENHAGEN

me





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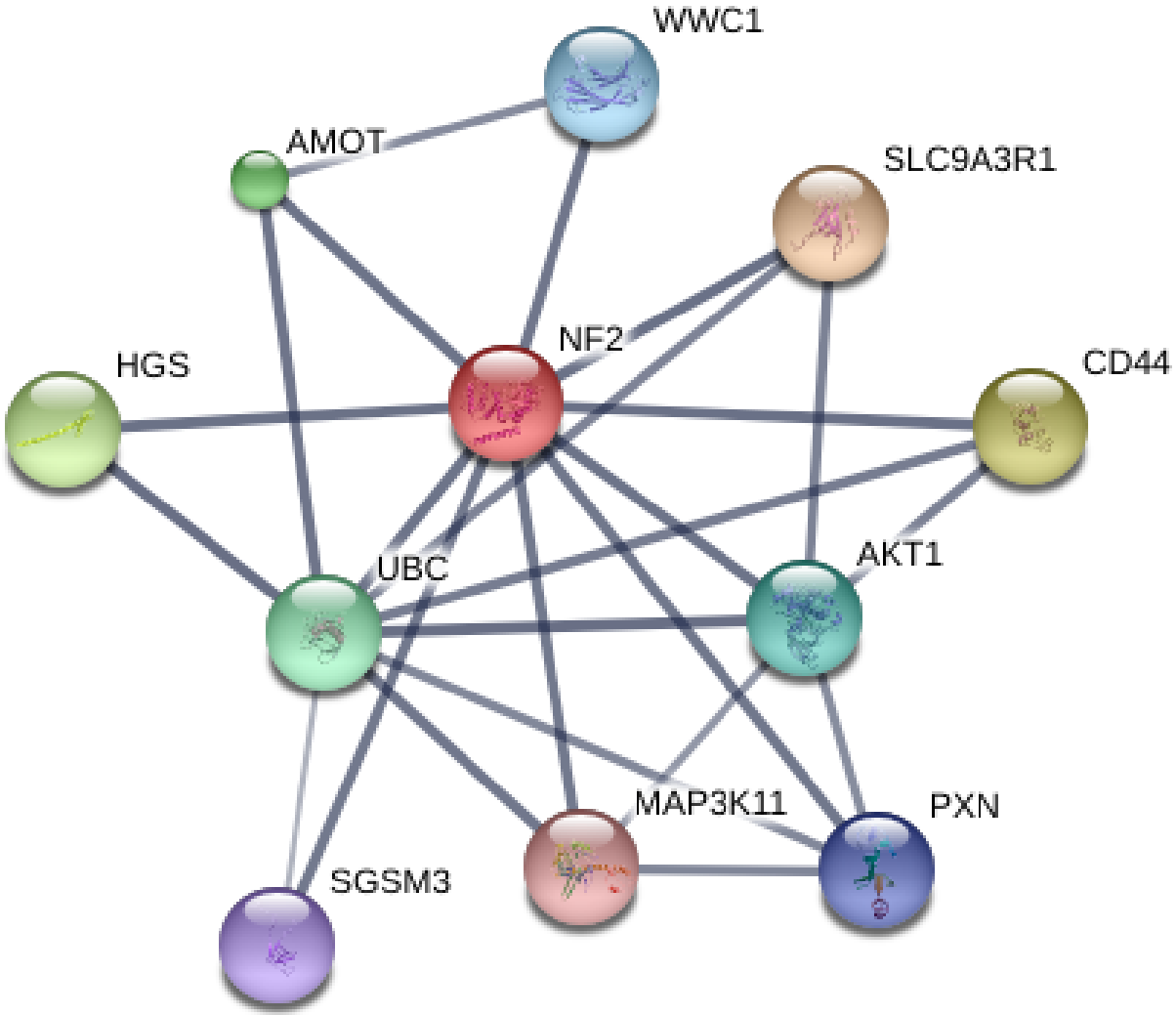
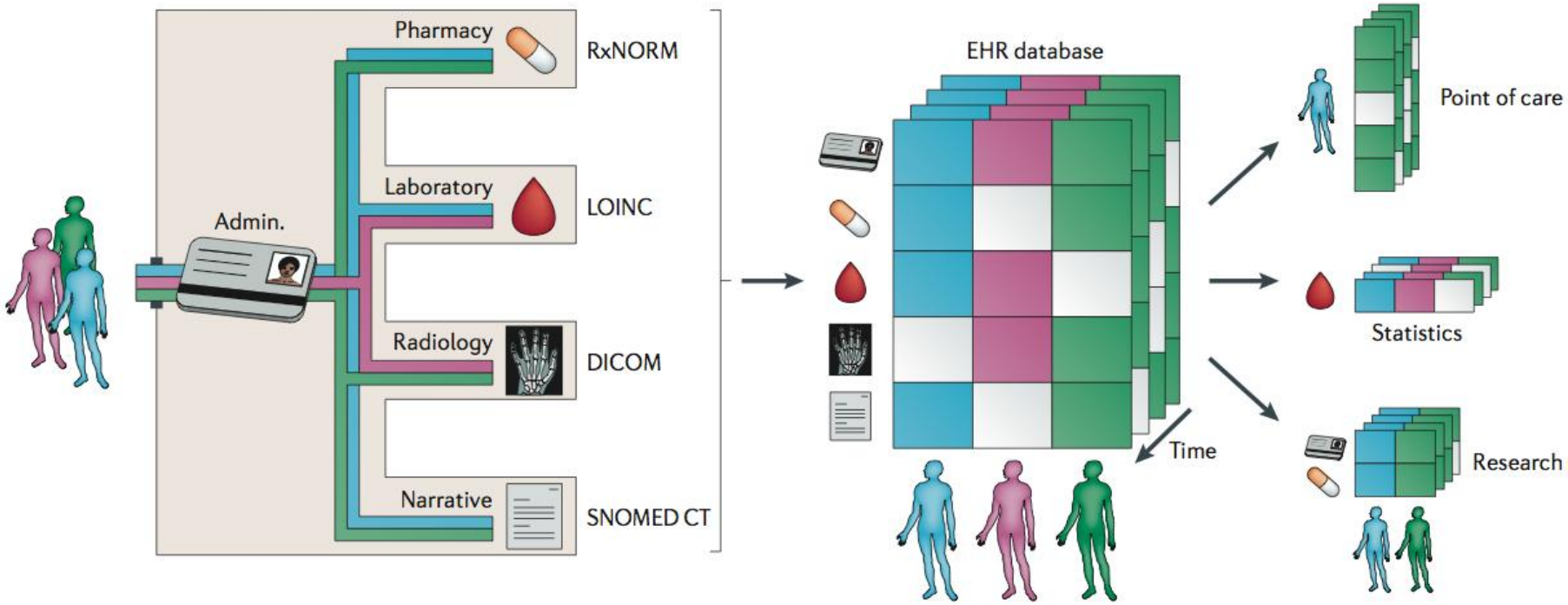
intomics
from data to biology

protein networks


WWC1
AMOT
SLC9A3R1
NF2
HGS
CD44
UBC
AKT1
MAP3K11
PXN
SGSM3

medical data



Jensen et al., *Nature Reviews Genetics*, 2012

text mining

named entity retrieval

topic of interest

PubMed query

set of abstracts

named entity recognition

foreground count

entire PubMed

background count

enrichment score

set of entities

network construction

text mining

data integration

STRING

Cytoscape App

Acknowledgments

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Nadezhda Doncheva

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Christian von Mering

Peer Bork