



The BioDynaMo Project

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What is BioDynaMo?

- ▶ large scale platform for biological simulations
- ▶ provides access to growing computational resources
- ▶ hides complexity of distributed computing
- ▶ promotes reproducibility of results
- ▶ flexible system that supports different specialities





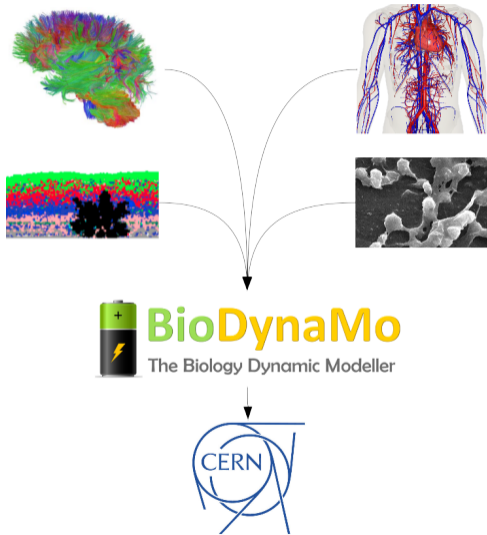
Why at CERN?

- ▶ large scale computing is core competency at CERN
- ▶ offers ideal ecosystem and infrastructure



- ▶ BioDynaMo is CERN's link to the expertise and know how of an entire community
- ▶ groundwork in simulations in a hybrid HPC on Cloud environment (commodity hardware)
- ▶ results can be fed back into CERN's future computing strategy

Win - Win Situation







Thank you!
Questions are welcome