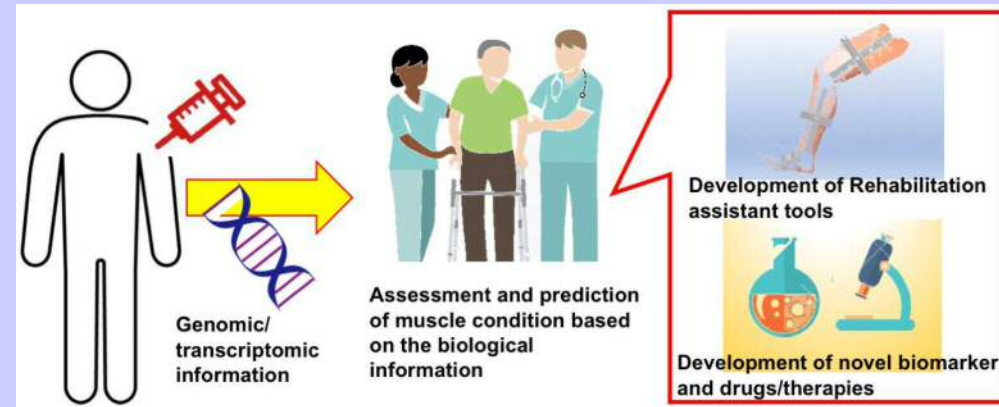


# Study on genomic/transcriptomic biomarkers for understanding of muscle condition and for effective rehabilitation

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## Research Area

1. Identification of biomarkers for prediction of muscle condition/regeneration
2. Molecular mechanisms relating the biomarker mediated biological reactions
3. Development of rehabilitation methods for “locomo” based on the biological information
4. Development of novel robotic-assistance for effective rehabilitation



## Recent Activities

- [Inflammation-induced miRNA-155 inhibits self-renewal of neural stem cells via suppression of CCAAT/enhancer binding protein  \$\beta\$  \(C/EBP \$\beta\$ \) expression.](#) Scientific Reports 7: 43604, 2017