

## Curriculum Vitae

## Jerome N. Feige

Head of Musculo–skeletal Health department  
 Vice–director of Nestlé Institute of Health Sciences  
 Adjunct professor of life sciences at EPFL  
 Nestlé Institute of Health Sciences & EPFL school of life sciences



### ● Educational Background & Professional Experience

2022–Current	Deputy head, Nestlé Institute of Health Sciences (NIHS), Nestlé Research, Lausanne, Switzerland.
2018–Current	Department head, Musculo–Skeletal Health, Nestlé Institute of Health Sciences, Nestlé Research, Lausanne, Switzerland.
2013–Current	Adjunct lecturer/professor, School of Life Sciences, Ecole Polytechnique Fédérale (EPFL), Lausanne, Switzerland.
2012–2018	Group leader, Muscle & Aging group, Nestlé Institute of Health Sciences (NIHS), Lausanne, Switzerland.
2008–2012	Lab head, Musculo–Skeletal Diseases / NIBR, Novartis Pharma, Basel, Switzerland.

### ● Research Interests

Aging; skeletal muscle; sarcopenia; stem cells; mitochondria; nutrition

### ● Publications

1. An Engineered Multicellular Stem Cell Niche for the 3D Derivation of Human Myogenic Progenitors from iPSCs. Mashinchian O, De Franceschi F, Nassiri S, Michaud J, Migliavacca E, Aouad P, Molina T, Stuelsatz P, Hegde N, Le Moal E, Dammone G, Dumont NA, Lutolf MP, Feige JN\*, Bentzinger CF\*. EMBO J, 2022, In Press. \*: co–senior author
2. Mitochondrial oxidative capacity and NAD<sup>+</sup> biosynthesis are reduced in human sarcopenia across ethnicities. Migliavacca, E., Tay, S.K.H., Patel, H.P., ...Karnani, N., Feige, J.N. Nature Communications, 2019, 10(1), 5808
3. Aging Disrupts Muscle Stem Cell Function by Impairing Matricellular WISP1 Signals Secretion from Fibro–Adipogenic Progenitors. Lukjanenko L, Karaz S, Stuelsatz P, ..., Rudnicki MA, Bentzinger CF, Feige JN. Cell Stem Cell, 2019, S1934–5909(18)30604–0.
4. The exerkin apelin reverses age–associated sarcopenia. Vinel C, Lukjanenko L, Batut A, ..., Feige JN, Vellas B, Valet P, Dray C. Nature Medicine 2018, 24(9):1360–1371.
5. Vitamin B12 deficiency and impaired expression of amnionless during aging. Pannérec A, Migliavacca E, De Castro A, ..., Ng TP, Bosco N, Larbi A, Feige JN. J Cachexia Sarcopenia Muscle 2018, 9(1):41–52.