



## Conference in Montpellier

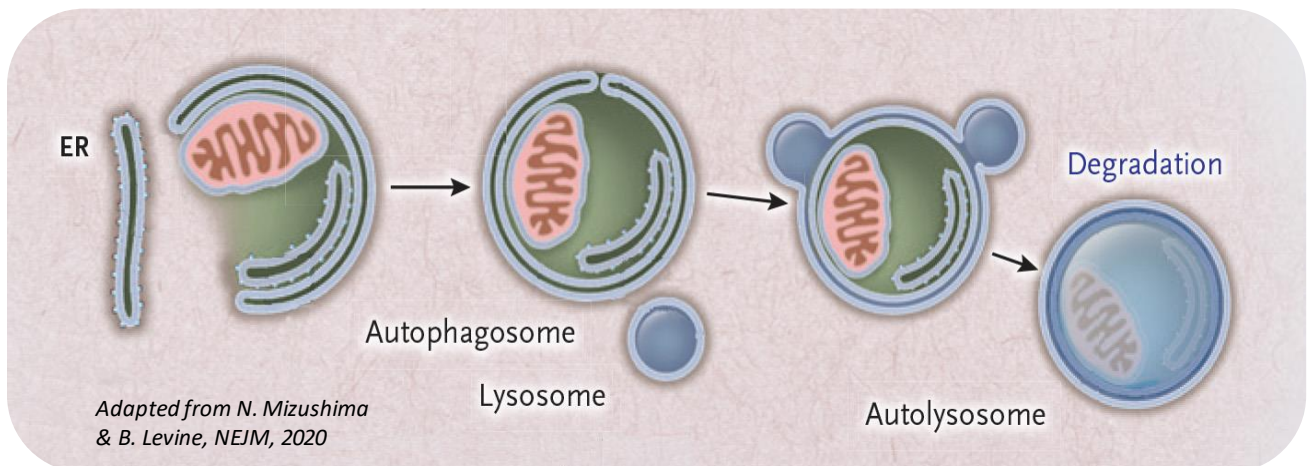
Pr. Noboru Mizushima  
The University of Tokyo

### Intracellular degradation and quality control by autophagy

Autophagy is an intracellular degradation system conserved in many eukaryotes. In the process of autophagy, a portion of the cytoplasm is surrounded by autophagosomes and then delivered to lysosomes for degradation. Studies on the molecular mechanism and physiological function of autophagy have made remarkable progress over the past 20 years since the landmark genetic studies in yeast by Dr. Ohsumi and other groups. In this seminar, Pr. Noboru Mizushima will summarize the current status of autophagy research, including methodology, and discuss some recent topics on autophagosome-lysosome fusion, selective degradation of mitochondria by autophagy, and the reversibility of cellular dysfunction caused by autophagy defects.



**Thursday, May 2, 2 pm**  
**IRCM, Montpellier**



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