

## University of Groningen

### Peptides of interest

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DOI:  
[10.33612/diss.136545068](https://doi.org/10.33612/diss.136545068)

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*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2020

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*  
Huang, C. (2020). *Peptides of interest: Editing of Lactococcus lactis proteolytic system to increase its bioactive potential*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen. <https://doi.org/10.33612/diss.136545068>

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Propositions pertaining to the dissertation

## Peptide of Interest

Editing of *Lactococcus lactis* proteolytic system  
to increase its bioactive potential

Chenxi Huang

1. Lactic acid bacteria are versatile organisms: as starter cultures they add texture and flavor, as cell factories they produce chemicals and molecules, as delivery vehicles they aid therapeutic treatments.
2. The observer effect not only applies to physics but also to microbiology: observing the behaviors of particles/microorganisms will inevitably change their behaviors.
3. “Non-essential gene” does not mean that it is unimportant; the gene can become essential when facing trouble. (this thesis, Chapter 3)
4. Going beyond the limit is as bad as falling short ( 过犹不及 ): One copy of *dcas9* performs better than more copies of it (this thesis, Chapter 4).
5. Data visualization is as important as the data itself because the human brain understands visuals better and they are tied in the memory more strongly than words and numbers. Good visualization removes noise, offers clearer understanding, and amplifies messages (this thesis).
6. Bioinformatics skills accelerate our ability to tackle biological questions (this thesis).
7. The language we speak and the vocabulary we have define the way we see the world: learning a new language creates a new perspective for looking at the world while enriching the vocabulary expands that angle.
8. No one except a Chinese (me) would visit Zurich simply because it has a beautiful name ( 苏黎世 ).
9. There is only one true heroism in the world: to see the world as it is, and to love it (Romain Rolland). I would argue that that is a philosopher’s heroism; as a scientist, I see another type of heroism: to never accept the world as it is, and to make it better.