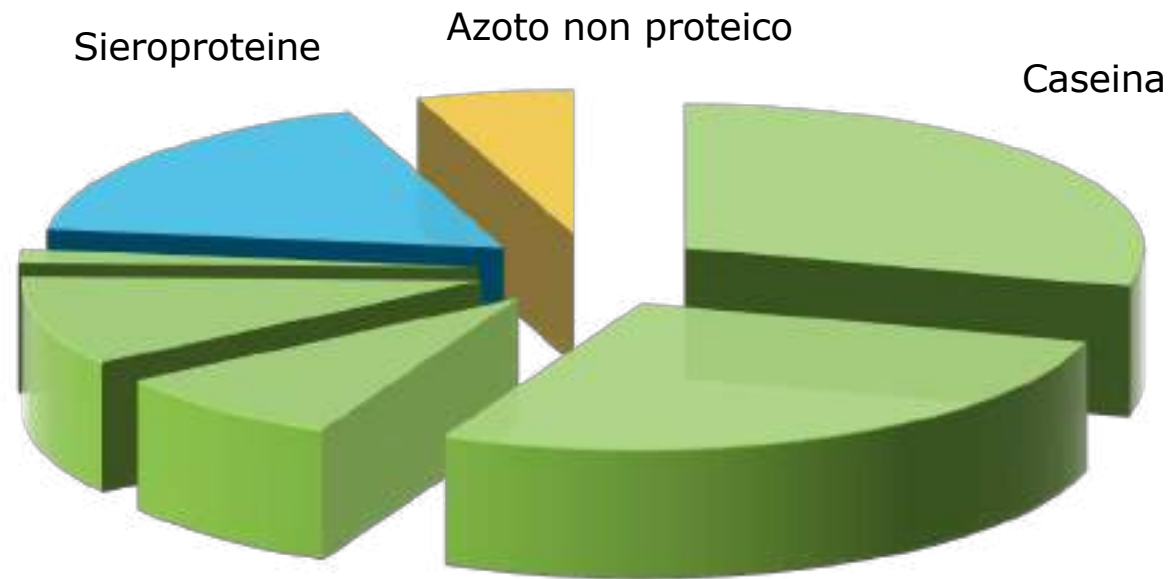


Le frazioni azotate del latte



Con β -lattoglobulina B maggiore resa in Parmigiano-Reggiano

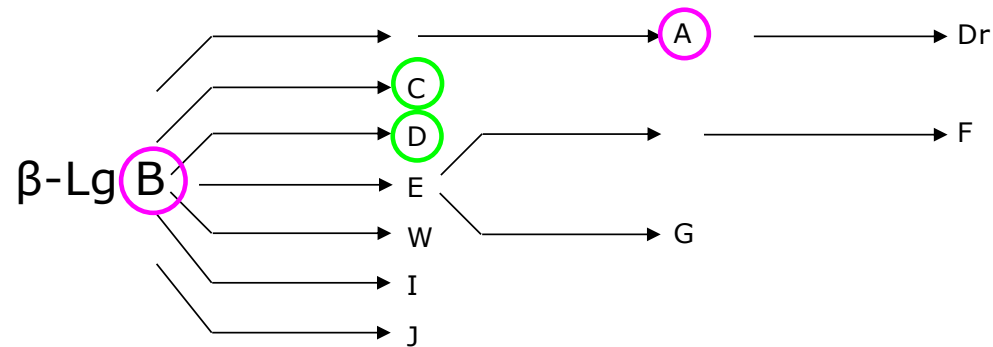
AA 7,17 %

7,35 % BB

+ 2 kg di formaggio per 1000 kg latte



Polimorfismo β -lattoglobulina



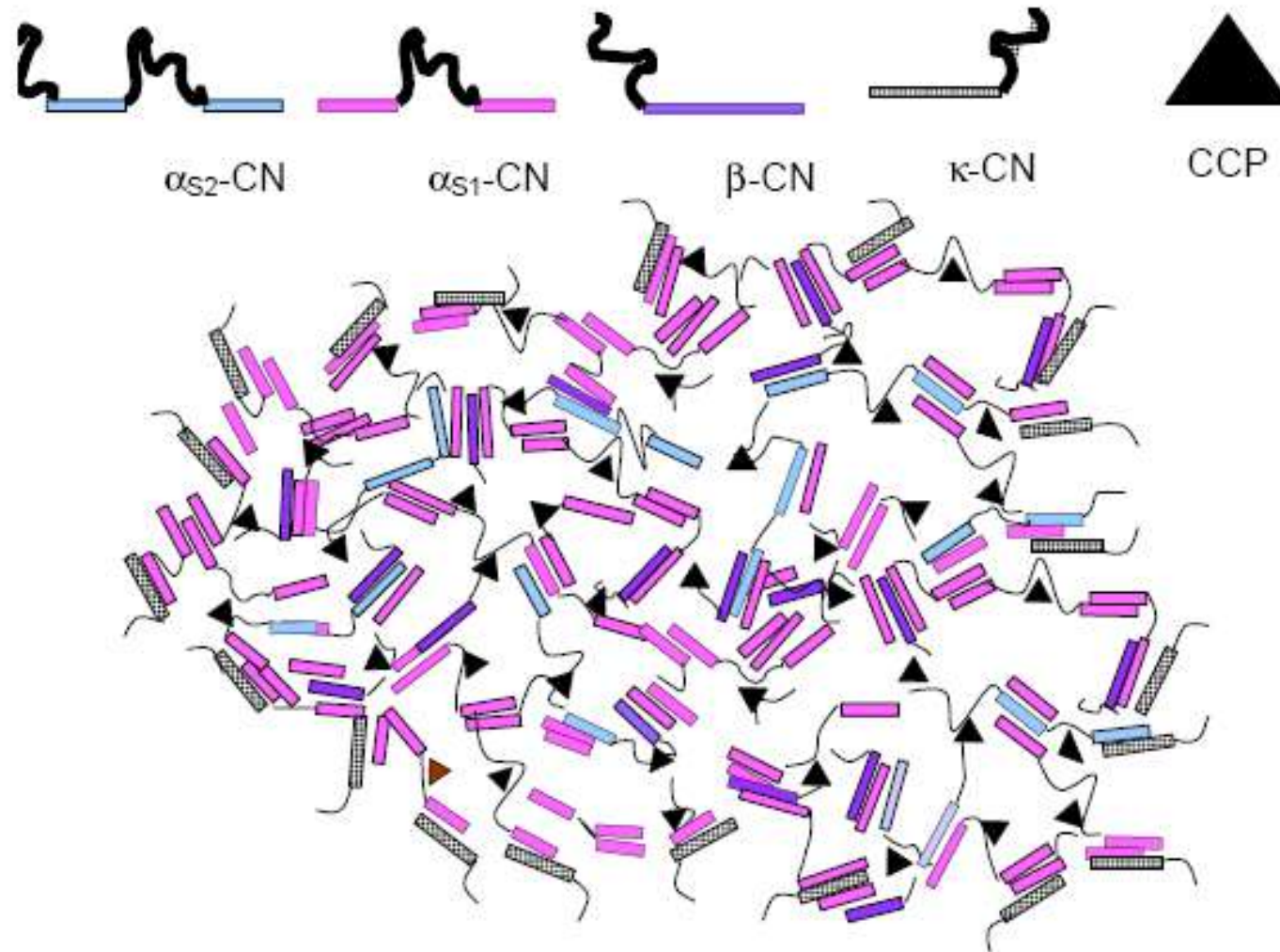
Variazione rispetto a	A	B
Contenuto caseina		
Indice caseina		
Tempo coagulazione		
Consistenza coagulo		
Resa in formaggio		

Di cosa parleremo

Punti chiave per la qualità del latte:

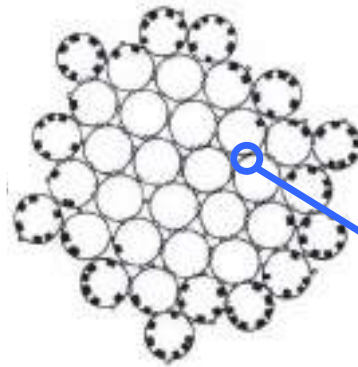
- ✓ La caseina
- ✓ Il polimorfismo delle caseine e non solo
- ✓ **I minerali del latte**
- ✓ La selezione genetica: ICS PR



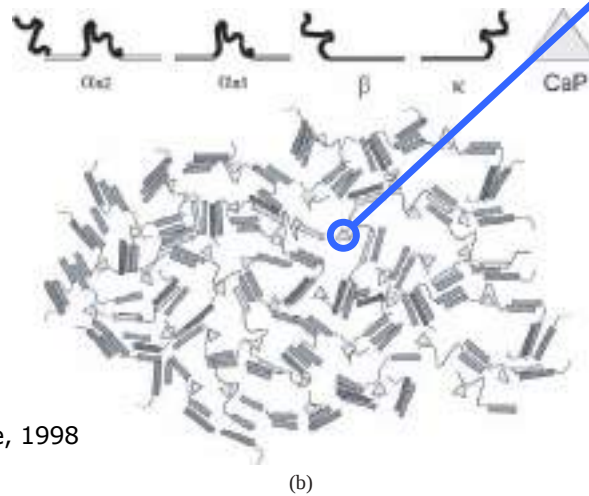
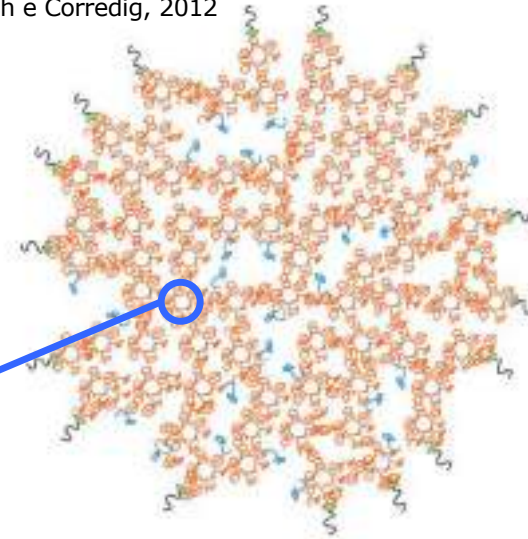


Micella di caseina

Schmidt, 1982

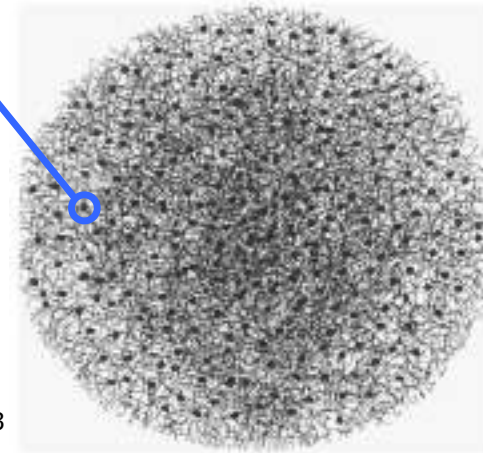


Dalgleish e Corredig, 2012

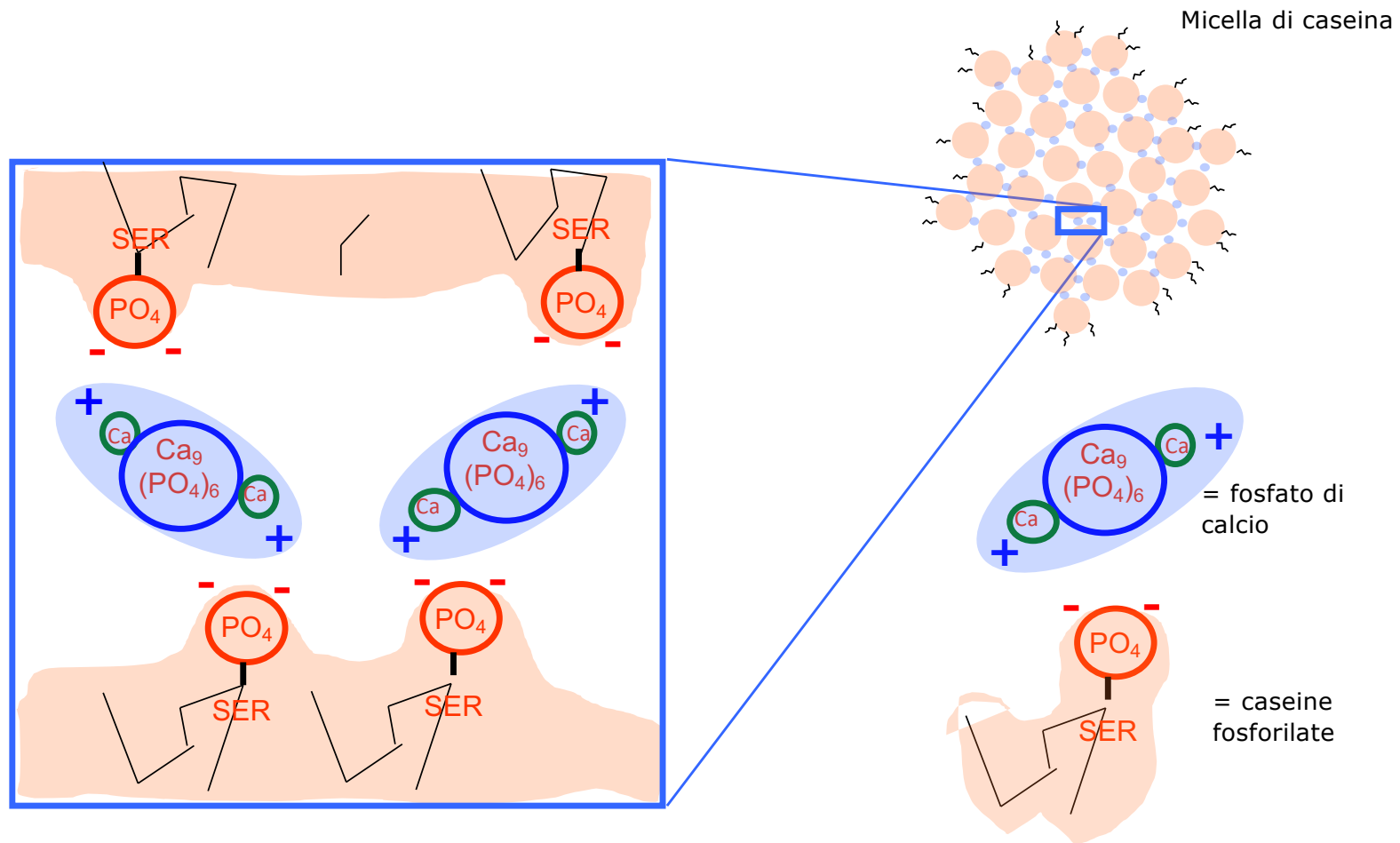


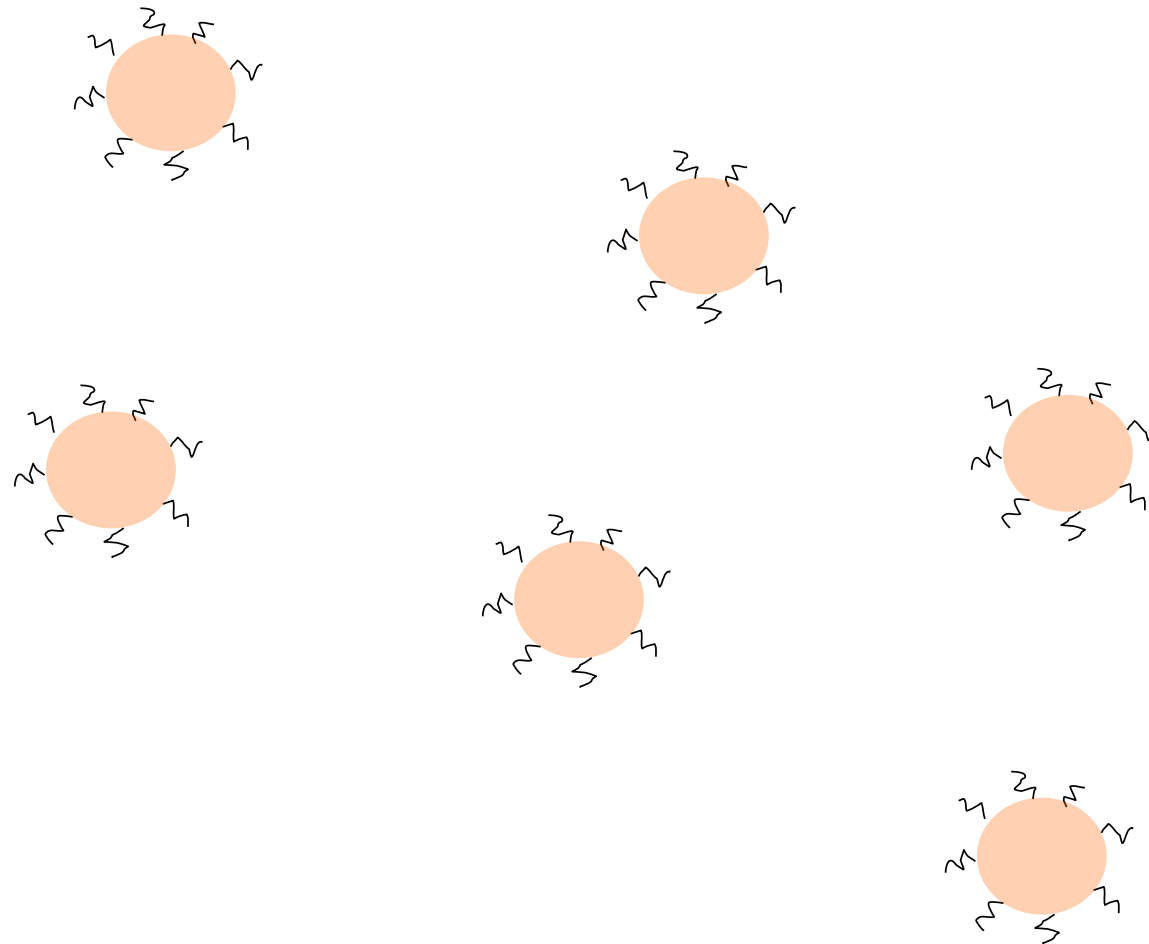
Horne, 1998

Holt, 2003

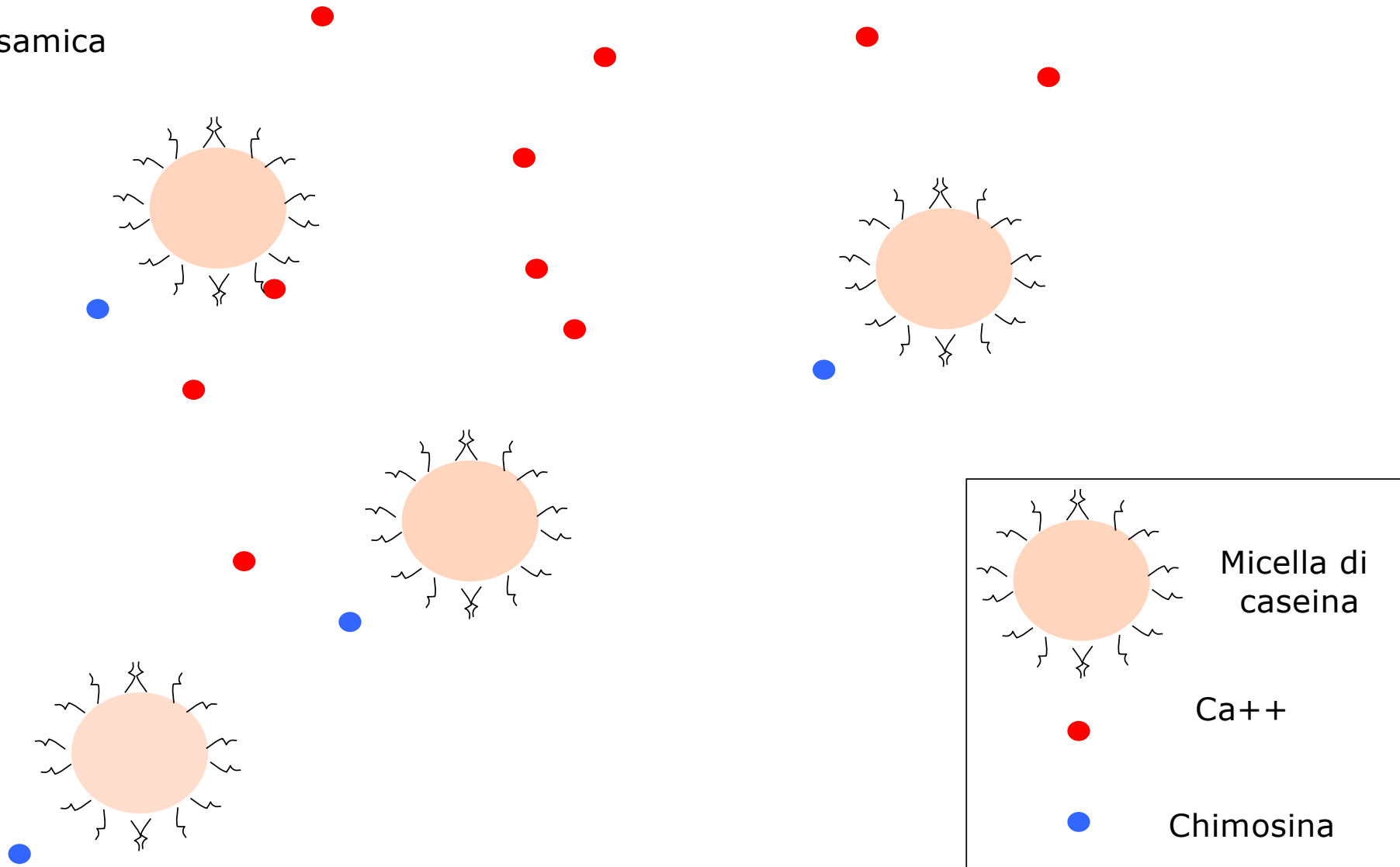


Fosfato di calcio colloidale

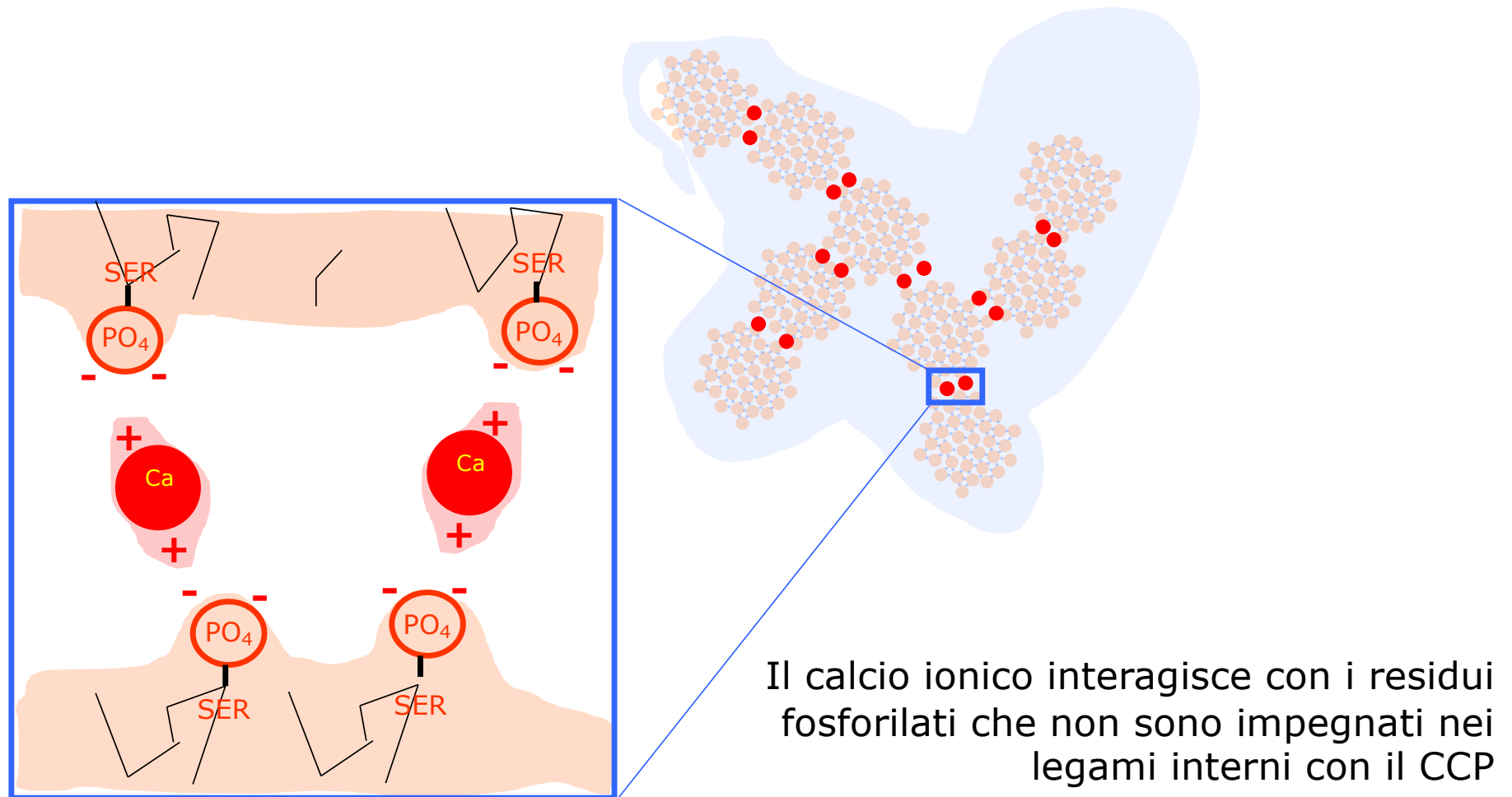




Coagulazione presamica

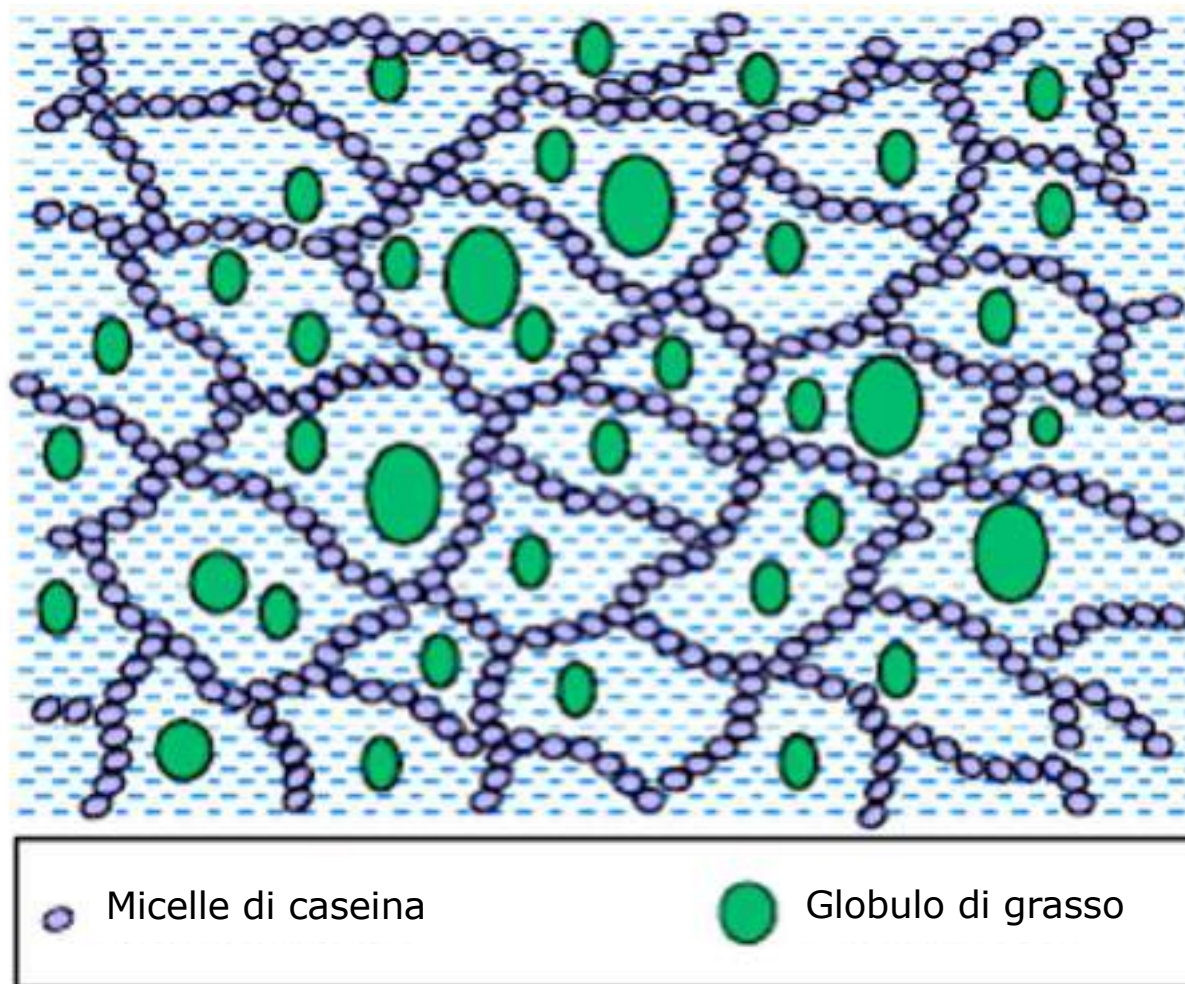


Minerali e coagulazione del latte – ruolo del Ca ionico solubile



Schema della matrice del formaggio

(da Fox et al., 2000 modificato)



Ca e P micellari e coagulazione del latte

Malacarne et al., 2014

Evidenziare il ruolo del calcio e del fosforo micellari sui parametri di coagulazione del latte

- 118 Latti di allevamento
 - Con meno di 400 mila cellule
 - Comprensorio Parmigiano-Reggiano
 - Latte della mungitura della mattina
-
- Divisi per la diversa attitudine casearia

 Non è possibile visualizzare l'immagine.

Lattodinamogrammi dei tipi identificati

