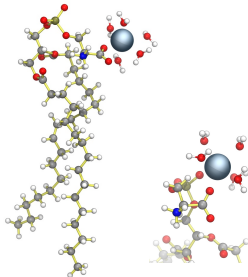
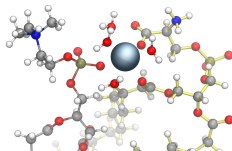


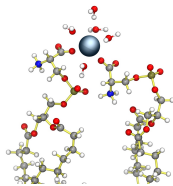
A

$\text{Ca}^{2+}:\text{PS} (\text{COO}^-) + (\text{PO}_4^-) + (\text{carbonyl})$

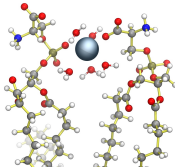
B

$\text{PC}:\text{Ca}^{2+}:\text{PS}$

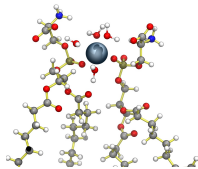
$(\text{COO}^- \text{ and carbonyl})$

C

$\text{PS}:\text{Ca}^{2+}:\text{PS} (\text{COO}^-)$



$\text{PS}:\text{Ca}^{2+}:\text{PS} (\text{COO}^- \text{ and } \text{PO}_4^-)$



$\text{PS}:\text{Ca}^{2+}:\text{PS} (\text{PO}_4^-)$