

## **Referências:**

### **Demonstração de equipamentos: “Espectrometria de massas (MS)”**

#### **Imagens**

Célula feita: BioRender.com

Borboleta metamorfose: <https://askabiologist.asu.edu/complete-metamorphosis>

Quadro targeted e untargeted: Renoir, A menina com laço azul

Vídeo ESI: <https://www.youtube.com/watch?v=palKlu1-ChA>

#### **Descrição de espectrometria de massas:**

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Donald L. Pavia, Gary M. Lampman, George S. Kriz, James A. Vyvyan - Introduction to Spectroscopy (2009, Brooks\_Cole, Cengage Learning)

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#### **Top-down vs bottom-up proteomics**

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### **Caracterização da modificação da SOD1 por aldeídos de colesterol**

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### **Estrutura cristalográfica da SOD1 (PDB 1AZV)**

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### **Ciências ômicas:**

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Plataforma de análise estatística: <https://www.metaboanalyst.ca/>

Identificação de lipídios: <http://prime.psc.riken.jp/compms/msdial/main.html>

### **Conclusão:**

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