

### **A structural-dynamical characterization of human Cox17**

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Janicka, Anna; Martinelli, Manuele; Kozłowski, Henryk; **Palumaa, Peep** Journal of biological chemistry 2008 / 12, p. 7912-7920 : ill <https://pubmed.ncbi.nlm.nih.gov/18093982/>

### **Affinity gradients drive copper to cellular destinations**

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Kozyreva, Tatiana; **Zovo, Kairit**; **Palumaa, Peep** Nature 2010 / p. 645-648 : ill <https://doi.org/10.1038/nature09018>

### **A hint for the function of human Sco1 from different structures**

Banci, Lucia; Bertini, Ivano; **Palumaa, Peep** Proceedings of the National Academy of Sciences of the United States of America 2006 / 23, p. 8595-8600 <https://pubmed.ncbi.nlm.nih.gov/16735468/>  
[https://www.academia.edu/14865179/A\\_hint\\_for\\_the\\_function\\_of\\_human\\_Sco1\\_from\\_different\\_structures](https://www.academia.edu/14865179/A_hint_for_the_function_of_human_Sco1_from_different_structures)

### **Human Sco1 functional studies and pathological implications of P174L mutant**

Banci, Lucia; Bertini, Ivano; **Palumaa, Peep**; **Sillard, Rannar** Proceedings of the National Academy of Sciences of the United States of America 2007 / 1, p. 15-20  
[https://www.researchgate.net/publication/6617178\\_Human\\_Sco1\\_functional\\_studies\\_and\\_pathological\\_implications\\_of\\_the\\_P174L\\_mutant](https://www.researchgate.net/publication/6617178_Human_Sco1_functional_studies_and_pathological_implications_of_the_P174L_mutant)

### **Human superoxide dismutase 1 (hSOD1) maturation through interaction with human copper chaperone for SOD1 (hCCS)**

Banci, Lucia; Bertini, Ivano; Cantini, Francesca; Kozyreva, Tatiana; Massagni, Chiara; **Palumaa, Peep**; Rubino, Jeffrey; **Zovo, Kairit** Proceedings of the National Academy of Sciences 2012 / p. 13555-13560  
[https://www.researchgate.net/publication/230624025\\_Human\\_superoxide\\_dismutase\\_1\\_hSOD1\\_maturation\\_through\\_interaction\\_with\\_human\\_copper\\_chaperone\\_for\\_SOD1\\_hCCS](https://www.researchgate.net/publication/230624025_Human_superoxide_dismutase_1_hSOD1_maturation_through_interaction_with_human_copper_chaperone_for_SOD1_hCCS)

### **Mitochondrial copper(I) transfer from Cox17 to Sco1 is coupled to electron transfer**

Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; Hadjiloi, Theodoros; Martinelli, Manuele; **Palumaa, Peep** PNAS 2008 / 19, p. 6803-6808 : ill <https://pubmed.ncbi.nlm.nih.gov/18458339/>

### **Structural and functional insight into trafficking of copper in the cell**

**Palumaa, Peep**; Banci, Lucia; Bertini, Ivano; Ciofi-Baffoni, Simone; **Zovo, Kairit** Journal of biological inorganic chemistry 2014 / p. S851