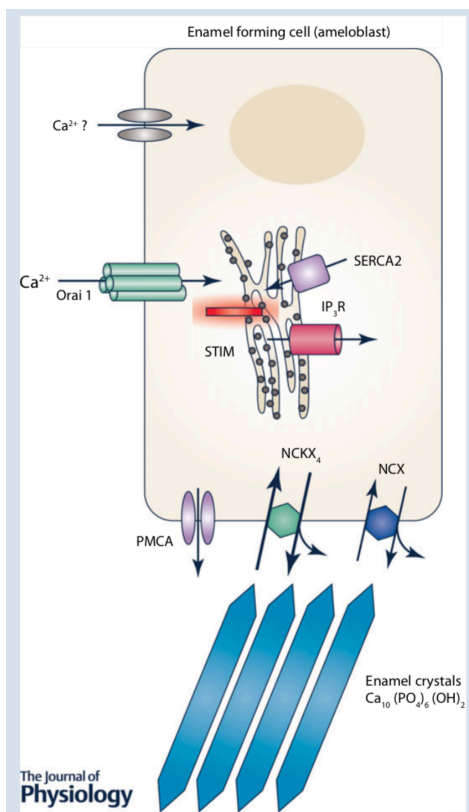


Seminar  
Tuesday 14th of May 2019, 10:15-11:00  
"Kollokvierummet", building 1231, 1st floor

## "Mechanisms to Increase Intracellular $\text{Ca}^{2+}$ in Ameloblasts during Tooth Enamel Formation"

Meerim Nurbaeva, Ph.D.

Descartes University, Paris



Meerim Nurbaeva finished her M.Sc. in Biology in 2008 from Kyrgyz National University, Kyrgyzstan, and received the Ph.D. degree from Eberhard-Karl-University of Tübingen, Germany in 2013. She has since been a post.doc at Albany Medical College, Albany, NY, USA and Dept. of Basic Science and Craniofacial Biology, New York University College of Dentistry, New York, NY, USA and is current doing a post.doc at Descartes University, Paris

Meerim has a focused interest in regulation of intracellular calcium and has previously worked on dendritic cells. In recent years she has worked on ion transport mechanism in the enamel organ, which mediates the secretion and maturation of tooth enamel. As calcium is an important constituent of enamel, and presumably is transported along a transcellular route in the ameloblasts, Meerim has in particular studied the control of intracellular calcium concentration in this specialized epithelium.

/Sebastian Frische

Nurbaeva, M. K., Eckstein, M., Feske, S., & Lacruz, R. S. (2016). Ca<sup>2+</sup>-transport and signalling in enamel cells. *The Journal of Physiology*, 595(10), 3015–3039.