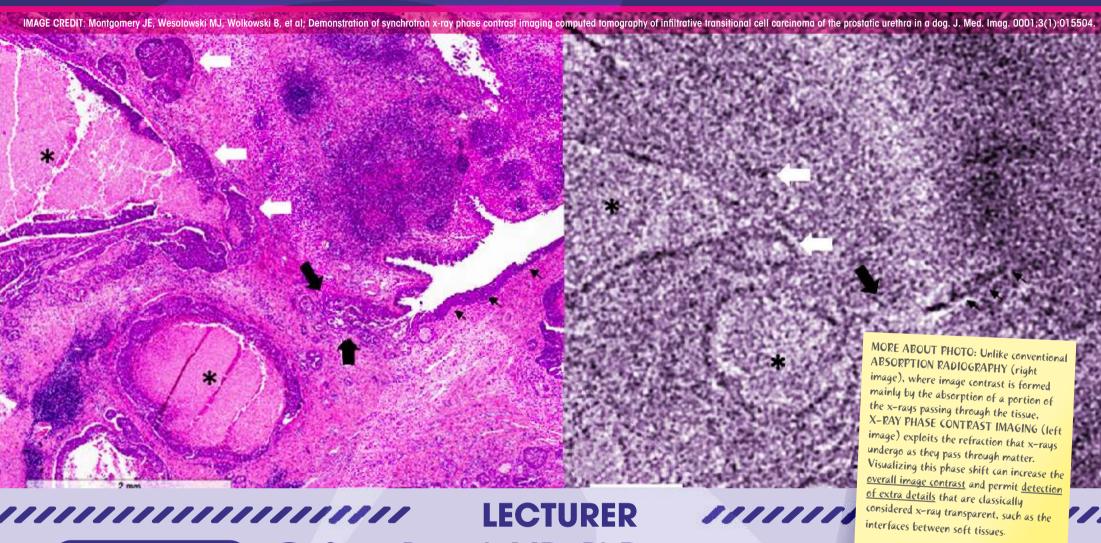




Seminar on

Synchrotron Radiation Applications in Medical Sciences

کارگاه آموزشی کاربردهای تابش سنکروترونی در پزشکی





Sam Bayat, MD, PhD
Centre Hospitalier Universitaire de Grenoble Alpes, FRANCE

Sam Bayat MD Ph.D. is professor of Physiology at the Université Grenoble Alpes Medical School and head of the Lung Function Laboratory at the Grenoble University Hospital, in Grenoble, France. He is invited professor at the Department of Anaesthesia, Pharmacology and Intensive Care, of Geneva University Hospital, since 2015. Sam Bayat obtained his MD and PhD degrees at the Université Joseph Fourier in Grenoble, France. Prof. Bayat is a former visiting scientist at the European Synchrotron Radiation Facility from 2001 to 2004, where his interest focused on developing the applications of synchrotron imaging in the study of lung structure and function for investigating the pathophysiology of respiratory diseases. His current research focuses on the mechanisms of lung injury, obstructive diseases, mechanical ventilation and aerosol deposition using synchrotron imaging techniques. Prof. Bayat has a number of ongoing collaborations with recognized European Research Centers.

- Synchrotron imaging of lung structure and function
- Synchrotron radiation imaging of the cardiovascular system
- Investigating neurodegenerative diseases using synchrotron radiation imaging
 - Synchrotron micro-radiation therapy

دوشنبه، ۱۱ اردیبهشتماه ۱۳۹۶ تهران - فرمانیه - جُنب کوه نُور - پژوهشگاه دانشهای بنیادی



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