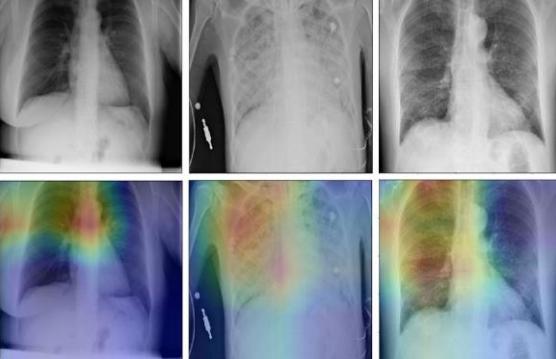**Covid-19 Research in Bern:**

AI X-ray analysis detects Covid-19 more reliably (Images)

	[Prof. Dr. Stavroula Mougiakakou](#), Head of AI in Health and Nutrition Laboratory, ARTORG
	[Prof. Dr. med. Andreas Christe](#), Chief Physicist Radiologiy, Inselspital, University Hospital Bern
	Diagnoses in three categories: Normal Lung, Other Pneumonia, and Covid-19 Disease were cross-checked. In all three categories, AI analyzed 94% of results correctly versus 61% of diagnostic accuracy by radiologists on average. More importantly, correct diagnostic results for Covid-19 diagnosis differed significantly (AI 97% vs. radiologists 53%).
	PhD Matthias Fontanellaz, Forschungsingenieur „AI in Health and Nutrition Lab", ARTORG Center, Universität Bern, und Prof. Dr. med. Lukas Ebner, Bereichsleiter Thoraxradiologie am Inselspital, besprechen die Ergebnisse des in Bern entwickelten Algorithmus zur KI-gestützten COVID-19-Diagnose (Foto: Adrian Moser © Universität Bern)