

Short summary of KRN Research strategy 2020-2022

Oslo University hospital/University of Oslo (OUS/UIO)

Administrative unit: Division of Radiology and Nuclear medicine (KRN)

Main aim 1: Create and support outstanding research environments with high quality and representing the academic scope of the division

- I. Departments in KRN maintain or increase internal resources for research and innovation, including in-house calls for research support through stimulus funds
- II. KRN provides continued support to activities that facilitates research
- III. KRN will establish and develop a new focused research area for artificial intelligence in radiology and nuclear medicine
- IV. KRN will establish a theragnostic centre for radionuclide therapy with focus on dosimetry and imaging”
- V. Create relevant IT infrastructure to support image registries and advanced image analyses in KRN.

Main aim 2: Strengthen clinical research in active collaboration with users

- I. Strengthen user-involvement across all research activities
- II. Researchers who are also clinicians should be able to participate in research meetings and relevant research activities.
- III. Support OUS and KRN activities that aims to establish and maintain image registries/ repositories
- IV. Encourage collaboration with industry partners that benefits KRN and OUS (both resources and personnel)

Main aim 3: Improve the organization of research within the division and strengthen the collaboration with Universities and other institutions of higher education

- I. Establish guidelines for ownership and sharing of image data generated by KRN
- II. To arrange at least one PhD seminar every year, mandatory for all PhD candidates, research group leaders and academic staff at KRN

Main aim 4: Strengthen our international collaborations

- I. Identify researchers and research environments with the potential and competence to compete for international research funding, and encourage them to apply for such funding
- II. Facilitate increased mobility abroad, including the possibility to redeem/reimburse eligible candidates on external funding sources

Main aim 5: Strengthen research based on the use of research biobanks and medical quality registries

- I. Establish and increase access to image data and systematic storage of image data available for artificial intelligence (AI)