

### Division of mental health and addiction (DMHA)

The DMHA's action plan for research is developed based on its overall action plan for 2021-2022, the research strategy 2021-2025 for Oslo University Hospital (OUS), and the action plan for research 2021-2023, OUS. Items 1-5 stipulated below, delineate the main goals in the OUS's Research Strategy 2021-2025, operationalized through specific measures to be taken (primary actions). ***Item 6 indicates highlighted priorities in the research strategy at PHA.***

The division's ambition is to be a nationally leading center for research and knowledge development within mental disorders and addiction. An increased number of clinical studies and innovations are the primary goals.

#### 1. Enhance the focus on clinical research in collaboration with user representatives, industry and the public sector.

Primary action:	Result indicator	Responsibility
<b>1a</b> <ul style="list-style-type: none"> <li>Implement the National Action Plan for clinical studies/trials by               <ul style="list-style-type: none"> <li>prioritizing clinical studies/trials as an integral part of patient care in PHA</li> <li>improving procedures for fostering industry collaboration and commissioned research</li> <li>establishing more clinical studies/trials in collaboration with the primary health care services</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>15% yearly increase in number of clinical studies /trials (sum for research-initiated and industry-initiated studies)</li> <li>Yearly increase in number of patients in clinical studies /trials</li> </ul>	HoD, HoR, DH
<b>1b</b> <ul style="list-style-type: none"> <li>An interdisciplinary and personalized approach is to be considered in all large clinical studies</li> </ul>	<ul style="list-style-type: none"> <li>Interdisciplinarity and a personalized approach has been considered in all major grant applications/research applications</li> </ul>	HoR, R&I Dept. head, RAB
<b>1c</b> <ul style="list-style-type: none"> <li>Apply grants for the establishment of a Research Centre for Clinical Studies/Trials (FKB) (Norwegian Research Council) at the DMHA</li> <li>Work towards more clinical studies/trials integrating somatic health, addiction treatment (TSB) and psychiatry</li> <li>Establish a CRU (Core Resource Unit) at the DMHA for data collection, registration of consent, and data access for researchers</li> <li>Work to solidify core funding across all disciplines (adult psychiatry, child- and adolescent psychiatry and substance use treatment)</li> <li>Enhance the role of user councils in research</li> </ul>	<ul style="list-style-type: none"> <li>One FKB application from DMHA</li> <li>Increased number of applications in collaboration with somatic departments</li> <li>Central CRU established within 2022</li> <li>Revised mandate for DMHA's user council also including research</li> </ul>	HoD, HoR, DH
<b>1d</b> <ul style="list-style-type: none"> <li>Encourage and support collective initiatives relevant as applicants for national (KLINBEFORSK, NorCRIN) or international multicenter studies</li> </ul>	<ul style="list-style-type: none"> <li>More applications for multicentre studies and projects (KLINBEFORSK, NorCRIN)</li> </ul>	HoD, HoR, DH

## 2. Strengthen translational research as an important link between basic research and clinical practice

Primary action:	Result indicator	Responsibility
<b>2a</b> <ul style="list-style-type: none"> <li>Investigate opportunities and make collaborative plans for establishing combined positions with the Faculty of Medicine and the Department of Psychology at the University of Oslo and OsloMet (Oslo Metropolitan University)</li> <li>Organize regular research seminars for clinicians with information on translational research providing opportunities for feedback</li> <li>Make research delivery and allocation of time for research an important topic during yearly performance assessment interviews with leaders</li> <li>Research activities and research dissemination are included as topics in regular meetings between head of the division and the department heads</li> </ul>	<ul style="list-style-type: none"> <li>Increase in number of combined positions (clinic and research/academic)</li> <li>Seminar series organized</li> <li>Research and facilitation of research discussed in yearly performance assessment interviews with leaders</li> <li>Research on the regular agenda in regular follow up between head of the division and department heads</li> </ul>	HoD, HoR, DH, HR head
<b>2b</b> <ul style="list-style-type: none"> <li>Implement broad consent/general biobank in all clinical departments for all disciplines</li> <li>Establish more local quality registries in collaboration with Registry Support and contribute to the National Quality Registry</li> </ul>	<ul style="list-style-type: none"> <li>Increased number of patients with broad consents obtained</li> <li>More quality registries established</li> <li>Established a common quality registry for adult psychiatry and work towards a similar registry for all disciplines</li> </ul>	HoD, DH, R&I Dept. head
<b>2c</b> <ul style="list-style-type: none"> <li>Create and support excellent research environments</li> <li>Facilitate data accessibility from general biobank for researchers across groups</li> </ul>	<ul style="list-style-type: none"> <li>New Centre of excellency (CoE) granted by the Norwegian Research Council (NFR) to PHA</li> <li>More research groups have utilized data from the general biobank</li> </ul>	HoD, HoR, DH
<b>2d</b> <ul style="list-style-type: none"> <li>Secure access to               <ul style="list-style-type: none"> <li>Relevant laboratories for sample collection and analysis of biological material including genotyping</li> <li>MRI brain imaging for use in research</li> <li>Digital tools for data collection including actigraphy and apps</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Intention/collaboration agreements with relevant clinics</li> <li>Support for collaborative applications for new equipment</li> <li>Increased number of clinical units that collect biological samples and utilize MRI and digital tools</li> </ul>	HoD, HoR, R&I Dept. head

## 3. Advance opportunities for data management, data analyses and data sharing

Primary action	Result indicator	Responsibility
<b>3a,b,c</b> <ul style="list-style-type: none"> <li>Implement an openly accessible, user-friendly, shared registry solution with the capability for high-performance computing and data processing</li> <li>Establish procedures for data withdrawal from registries and the Health Analysis Platform</li> </ul>	<ul style="list-style-type: none"> <li>Implementation of a registry solution</li> </ul>	HoD, HoR, R&I Dept head, DH
<b>3d</b> <ul style="list-style-type: none"> <li>Integrating data from electronically collected feedback tools and assessment instruments (using Checkware) with the clinic's quality- and research registries</li> </ul>	<ul style="list-style-type: none"> <li>Technical data solution safeguarding privacy is in place</li> </ul>	HoD, HoR, R&I Dept head, DH

<ul style="list-style-type: none"> <li>Obtain dynamic consent directly linked to medical record</li> </ul>	<ul style="list-style-type: none"> <li>Increased number of digital-consents stored in medical records</li> </ul>	
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#### 4. Implement systematic career development for researchers and targeted recruitment to research

Primary action:	Result indicator	Responsibility
<b>4a</b> <ul style="list-style-type: none"> <li>Encourage clinicians with research expertise to apply for external funding</li> <li>Employees with a PhD combining clinical work and research are linked to active research groups</li> <li>Strengthen career development for young researchers by providing eligible employees at DMHA an opportunity to participate in the UiO postdoctoral program, mentorship scheme, and research leadership program</li> </ul>	<ul style="list-style-type: none"> <li>Increased number of grant applications including internal grants from the DMHA</li> <li>Increased number of applications for external grants</li> <li>Increased number of employees attending the postdoctoral and research leadership programs at UiO</li> </ul>	HoD, DH
<b>4b</b> <ul style="list-style-type: none"> <li>Advocate for more combined positions (clinical work and research) in the clinic</li> <li>Employees with a PhD combining clinical work and research are linked to active research groups (allocation of time for participation in group meetings)</li> <li>Provide an opportunity for getting up to 50% time for research for the employees obtaining external research funding</li> <li>Explore the possibility for departmental funding of clinical research of 50 000-100 000 NOK</li> </ul>	<ul style="list-style-type: none"> <li>Increased number of combined positions</li> <li>Increased research activity in the clinical units</li> <li>Increased number of applications initiated by clinicians/clinical departments</li> </ul>	HoD, DH, Head of HR and head of finance
<b>4c</b> <ul style="list-style-type: none"> <li>Participate at relevant research conferences and in research networks</li> <li>Facilitate internships and international collaboration</li> </ul>	<ul style="list-style-type: none"> <li>More presentations at international conferences and co-authorship on international publications</li> <li>More international applications including EU applications</li> </ul>	HoD, DH

#### 5. Secure research activities leading up to and within the new buildings at Oslo University Hospital (OUS) and the Life Science building at the University of Oslo

Primary action:	Result indicator	Responsibility
<b>5a</b> <ul style="list-style-type: none"> <li>Active involvement in reallocation and the "New OUS" project including temporal replacements</li> <li>Ensure sufficient allocation of space for clinical research activities within the New OUS (Aker) facility during the planning phase</li> </ul>	<ul style="list-style-type: none"> <li>Clear involvement and influence in new building and reallocation projects</li> </ul>	HoD, HoR, R&I Dept. head, New OUS project head
<b>5b</b> <ul style="list-style-type: none"> <li>Secure access to research laboratories at New OUS</li> </ul>	<ul style="list-style-type: none"> <li>Establishment of a research laboratory at Nye Aker</li> </ul>	HoD, HoR, R&I Dept. head, New OUS project head
<b>5c</b> <ul style="list-style-type: none"> <li>Ensure that DMHA obtains sufficient space to meet its needs for a research biobank, storage facilities, incorporating options for effective security procedures for these</li> </ul>	<ul style="list-style-type: none"> <li>Establishment of an infrastructure for biobank</li> </ul>	HoD, HoR, R&I Dept. head, New OUS project head

#### PUNKT 6: Main priorities at DMHA

1. Implement the National Action Plan for Clinical studies at DMHA
2. Establish a CRU (Core Resource Unit) for data collection, registration of consent, and data access for researchers

- 3. *Implement broad consent/general biobank in all clinical departments***
- 4. *Implement an openly accessible, user-friendly, shared registry solution with the capability for high-performance computing and data processing***
- 5. *Establish more combined positions (clinical work and research) in the clinic***
- 6. *Ensure sufficient allocation of space for clinical research activities within the New OUS (Aker facility) during the planning phase***
- 7. *Ensure sufficient space for DMHA at the New OUS (Aker facility) to meet its needs for a research biobank, storage facilities, incorporating options for effective security procedures for these***

Abbreviations:

HoD: Head of the Division

HoR: Head of Research

HR: Human Resource

DH: Department Heads

R&I: Research & Innovation Department

RAD: Research Advisory Board