Universitetet i Bergen
Det medisinsk-odontologiske fakultet

Styresak: 33/14

Sak nr.: 2013/10473

Møte: 09.04.2014

Godkjenning av bedømmelse og tildeling av professoropprykk, Frode Selheim, Institutt for biomedisin, søknadsrunden 2013

Bakgrunn

Førsteamanuensis Frode Selheim søkte 15.09.2013 om personlig opprykk til professor etter kompetanse i medisin (biokjemi/molekylærbiologi).

Følgende bedømmelseskomite ble oppnevnt i fakultetsstyrets møte 20.11.2013, sak 106/13:

- Bernd Thiede, professor, Bioteknologisenteret i Oslo
- Berit Johansen, professor, Institutt for biologi, NTNU
- Einar Jensen, professor, Institutt for farmasi, Universitetet i Tromsø
- Ian Pryme, professor, Institutt for biomedisin, Universitetet i Bergen (komiteleder)

Komiteen var felles for tre søkere innen fagområdet medisin, biokjemi/molekylærbiologi; Berven, Selheim og Tronstad.

Bedømmelseskomiteen leverte sin bedømmelse av søkerne ved brev av 03.03.2014. Komiteens enstemmige og utvilsomme konklusjon er at Frode Selheim er professorkompetent. Komiteens bedømmelse har vært sendt søkeren med frist for eventuelle skriftlige merknader. Ingen merknader er mottatt.

Fakultetsledelsens merknader

Fakultetsledelsen har ingen ytterligere merknader til saken.

Forslag til vedtak

Styret for Det medisinsk-odontologiske fakultet godkjenner den sakkyndige komités bedømmelse, som konkluderer med at førsteamanuensis **Frode Selheim** fyller kravene for opprykk til professor etter kompetanse i medisin (biokjemi/molekylærbiologi). Selheim tildeles tittel og lønn som professor med virkning fra 15.09.2013.

Astrid Bårdgard
fakultetsdirektør

Gerd Johannessen
seksjonssjef personal

18.03.2014 /LIV
Vedlegg: Innstilling fra bedømmelseskomiteen av 03.03.2014

UNIVERSITETET I BERGEN
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3. mars 2014

Det medisinsk-odontologiske fakultet,
Universitetet i Bergen.

Personlig opprykk til professor etter kompetanse.

Det vises til deres brev datert 27.11.2013 (ref. 2013/10475-LIV) der følgende bedømmelseskomité ble nedsatt til å vurdere 3 søknader om personlig opprykk til professor etter kompetanse :

Professor Bernd Thiede, Bioteknologisenteret i Oslo
Professor Berit Johansen, Institutt for biologi, NTNU
Professor Einar Jensen, Institutt for farmasi, Universitetet i Tromsø

Professor Ian F. Pryme, Institutt for biomedisin, Universitetet i Bergen, ble oppnevnt som bedømmelseskomitéensleder.

Etter å ha fullført evalueringsprosessen er komitéen enstemmig enig at

Førsteamanuensis Frode Berven,
Førsteamanuensis Frode Selheim og
Førsteamanuensis Karl Johan Tronstad

uten tvil kan gies opprykk til professor etter kompetanse.

Komitéen vil gjerne takker for hyggelig oppdrag.

Med vennlig hilsen

Bernd Thiede	Berit Johansen	Einar Jensen	Ian F. Pryme
Professor	Professor	Professor	Professor
Oslo	Trondheim	Tromsø	Bergen

Vedlegg : Evalueringsdokumentene

Application for professor promotion - Evaluation of Frode Selheim

Frode Selheim was trained, and is working, in understanding cellular signaling mechanisms. He has from early on in his career been introducing and applying different kinds of advanced technological instrumentation/methods, within metabolomics (especially lipidomics and proteomics), to assist his research. Main focus of his current research is cell signaling often including protein or lipid kinases/proteomics with relevance for thrombosis and cancer. In thrombosis he has recently been instrumental in identifying proteins and mechanisms responsible for a bleeding phenotype in a mouse model of arterial shear stress, and in cancer he has recently established a new sensitive quantitative proteomic method (Super-SILAC) with the aim to identify biomarkers for improved prognosis and therapy in Acute Myeloid Leukemia (AML) patients. He is engaged in both national and international research collaborations, which is documented by several paper coauthorships. Furthermore, his clinical research partners are located at Dept of Internal Medicine, UiB, and another partner at Department of Biomedicine, UiB. Dr Selheim spent 6 months on sabbatical leave at Institute of Molecular Biology at CSIC at Barcelona, Spain during 2013.

Dr Selheim has a total production of 29 papers in peer reviewed journals, and one in review, for the period 1999-2012. Of these, he is first author on 7 papers, senior author on 9, and second author on 5. He has been corresponding author on 15 of these. Dr Selheims first authorship papers have been published in international highly ranked journals. This also applies for the papers where he is second author, clearly illustrating his high scientific quality. These papers are reporting on cellular signaling mechanisms of thrombosis in platelets, and cAMP-mediated signaling regulating proliferation and apoptosis of neuronal cells. His last authorship papers (also published in highly ranked journals) are mainly during the last half of his career, and include both papers reporting on continued interest in signaling mechanisms, as well as method establishment and application within proteomics. More specifically, his development and application of the Super-SILAC based quantitative proteomics on primary patient AML cells, is very exciting with regard to identifying potential drug targets, treatment resistance or for predicting treatment efficiency in patients suffering from, and being treated for, acute myeloid leukemia.

Associate professor Frode Selheim has been successful in attracting several research grants, mainly from national sources. He is currently project leader for a grant from Norwegian Cancer Society (300.000 NOK) and partner with professor Øystein Bruserud (project leader)

on a grant, also from the NCS (12 MNOK), to investigate Personalized treatment in AML guided by targeted proteomics.

He completed Practical Pedagogic Training equal to 30 ECTS credits at University of Bergen in 1993.

Dr Selheims teaching experience is extensive and equivalent to ~3 years in a 100% teaching position. The teaching (of about 150-200 students) includes both lectures and practical laboratory courses within anatomy, histology, biochemistry, chemistry and proteomics.

His research supervision experience includes supervision of 13 completed master theses, and 3 PhD theses where 2 are still ongoing. He has also been engaged in supervision of 1 Post. doc. fellow.

Frode Selheim is, since 2006, employed as an associate professor and deputy platform leader at the Proteomics Unit (PROBE) at the University of Bergen and the Translational Signaling Group (TSG) at the Department of Biomedicine. Workload is shared approximately equally between the two groups.

Dr Selheims administrative duties in the period 2006-2013 includes acting as deputy Platform Leader PROBE (20%) with arranging courses and coordinating collaboration projects and purchasing services at PROBE. Furthermore, he has been responsible for the implementation of proteomic methods and technology into research projects. He has been guest editor of a highly recognized journal for a year, and ad hoc reviewer for several other highly ranked international journals. He has also served as committee leader of 3 PhD evaluation committees.

In conclusion, Dr Frode Selheim has documented by his scientific authorships that he is capable of performing high quality research both within basic science in elucidating cellular signaling mechanisms, and in combining this understanding with advanced proteomics resulting in successful translational research. He has even been involved in establishment of the PROBE facility and responsible for development of advanced proteomic techniques that he has successfully applied in his translational research. Moreover, he has demonstrated extensive teaching and supervision experience, administrative leadership and he is capable of attracting research grants. Associate professor Frode Selheim fulfills all requirements for promotion to full professor.

BEDØMMELSE TIL VITENSKAPELIGE STILLINGER VED DET MEDISINSK-ODONTOLOGISKE FAKULTET UNIVERSITETET I BERGEN						
Ledig stilling	**OPPRYKK TIL PROFESSOR ETTER KOMPETANSE**					
SØKERENS KOMPETANSE (**standardspørsmål skal besvares med x**)						
Søkerens tittel:	FORSTEAMANUENSIS					
Søkerens navn:	FRODE SELHEIM					
VITENSKAPELIGE KVALIFIKASJONER						
Er forskningskompetansen relevant for fagområdet? Ev utfyllende merknader tas med i innstillingen						
	Ja	X				
	Delvis					
	Nei					
Svarer den samlede forskningskompetanse til 10 eller 15 publikasjoner? (ref. retningslinjene)						
	Null-fem					
	Seks-ti					
	Elleve-femten					
	Mer enn seksten	X				
Demonstrerer søkeren også bredde i sin forskning?						
	Ja	X				
	Delvis					
	Nei					
Søkerens forskningsaktivitet de siste 5-10 år:						
	Økende	X				
	Stabil					
	Synkende					
Har søkeren vist evne til å etablere forskningsmiljø?						
	Ja	X				
	Delvis					
	Nei					
UNDERVISNINGSKVALIFIKASJONER						
Har søkeren dokumentert undervisning/ veiledning på doktorgradsnivå (jfr retningslinjene)						
	Omfattende	X				
	Noe	X				
	Nei					
Har søkeren dokumentert undervisning/ veiledning under doktorgradsnivå?						
	Omfattende	X				
	Noe					
	Nei					
Er undervisningserfaringen relevant for utlysning/betenkning?						
	Ja	X				
	Delvis					
	Nei					
ADMINISTRATIVE KVALIFIKASJONER						
Har søkeren dokumentert erfaring med administrasjon og ledelse?						
	Omfattende	X				
	Noe					
	Nei					
Er denne erfaring relevant for den utlyste stillingen?						
	Ja	X				
	Delvis					
	Nei					
GENERELT						
Andre forhold av særlig betydning for søkeren? Hvis ja, redegjøres dette for i innstillingen						
	Ja					
	Nei	X				