

Job description

Position as Clinical Professor in Clinical Microbiology

Department of Clinical Research, Faculty of Health
Sciences, University of Southern Denmark and
Department of Clinical Microbiology, Odense University
Hospital

August 2021

1. The vacant position

The vacant position is a combined post as professor in clinical microbiology and as a consultant in clinical microbiology in the Department of Clinical Microbiology at OUH. The time is allocated with 50 % to university (professor) and 50 % to clinical (consultant) duties.

The employment is limited for a period of five years with the possibility of prolongation.

1.2. Qualifications and expertise

The applicant must be qualified as both a consultant and a clinical microbiologist with special interest and documented experience in bacteriology.

Furthermore, the applicant is expected to have experience with different aspects of resistance, including epidemiology, diagnostics, mechanisms, and typing at a local, national, and international level. Collaboration with authorities and an understanding of, and experience with the clinical environment in a hospital department is also required.

The applicant must be well qualified with a strong research profile in the areas mentioned above. Commitment to teaching and the ability to lead a research group, including experience with attaining funding, supervision of master's students, PhD students, and postdocs/postgraduates are required.

Emphasis will be on the applicant's ability to document original scientific production at an international level within the area of anaerobic bacteria.

The applicant must submit the following documents in order to be considered for the position:

- An application
- A detailed CV
- Degree certificates (including PhD- or dr. med. diplomas) (combined as one single PDF-file)
- Information on the applicant's own skills as concerns "[The seven roles of physicians](#)"
- A teaching portfolio which details the candidate's prior teaching experience, teaching skills, and teaching philosophy
- A research plan which details the candidate's ideas and plans for her/his future research work
- References if available
- A complete and numbered list of publications
- 10 scientific peer-reviewed publications which the candidate considers as most important for the position. Please notice that one PDF- or docx. - file must be attached for each publication

Furthermore, the candidate must have a successful record in obtaining research funding, experience in practice with international research collaboration, experience as a research leader and effective oral, written, and verbal communication and interpersonal skills.

Documented experience as Head of Research, head of large research projects, Head of Teaching, and other administrative jobs will be an advantage. The applicant is expected to be qualified in academic teaching as an associate professor or equivalent.

1.2.1. Obligations

The professor's obligations will primarily be:

- To consolidate and develop the functions of the Research Unit of Clinical Microbiology at SDU and OUH
- Research related to clinical microbiology
- Research related to different aspects of resistance and typing
- Research in anaerobic bacteria

The clinical professor handles qualified supervision, teaching and/or research tasks. The position also includes conducting exams for medical students and students in clinical biomechanics at hospitals handling training in clinical subject areas and supervision at postgraduate educations.

1.2.1.1. Research

The professor is expected to contribute to further developing the research strategy and profile of the department with special emphasis on anaerobic bacteria and the microbiome. The professor is also expected to increase the research activity and to establish collaboration with other researchers at OUH and SDU. The professor should participate in furthering scientific development in the fields both nationally and internationally. Also, profiling the field in the public eye will be an important task. Finally, the professor is expected to supervise post-docs, PhD-students, and pre-graduate students.

1.2.1.2. Teaching

The professor is expected to engage in teaching (including an obligation in terms of examination) at the Faculty of Health Sciences.

1.2.1.2.1. Planning

The Head of Research is responsible for planning the teaching within the department. At the Department of Clinical Microbiology, this responsibility is delegated to the present clinical professor. The professors are expected to plan their teaching.

1.2.2. Other obligations

The applicant is expected to front clinical microbiology also in the public debate. Moreover, the applicant is expected to perform public duties, *i.e.*, to chair commissions and boards etc.

1.2.3. Management and administration

The professor is expected to:

- Perform evaluations of other researchers at the Faculty of Health Sciences
- Participate in and chair committees etc., at the Faculty of Health Sciences and other universities.

1.3. University position

The position as a professor is affiliated with the [Research Unit of Clinical Microbiology](#) in the Department of Clinical Research.

1.3.1. Reference

The professor refers to departmental management. Regarding research and teaching, i.e., university aspects, the professor refers to the Head of Department, at the Department of Clinical Research through the Head of Research at the Research Unit of Clinical Microbiology. Organisational matters in relation to clinical microbiology at Odense University Hospital have to be coordinated with the Research Unit of Clinical Microbiology. The professor will be a member of this group.

Employment as a professor requires successful evaluation by an expert panel consisting of a professor from the Department of Clinical Research, taking on the role as chairman, and two external professors.

2. Odense University Hospital (OUH)

OUH is one of Denmark's largest hospitals and the only one having all medical specialities collected under one roof.

The hospital comprises the units in Odense, Svendborg and Nyborg sharing the same board of directors. In total, the staff comprises about 11,000 persons. (See [Key Figures](#).)

A new university hospital is currently in the planning stage to be finished in 2022. The new hospital will be located adjacent to the current main campus of the University of Southern Denmark. This co-location of the two institutions is unique in Europe and will facilitate the cooperation between the clinical departments and faculties of the University of Southern Denmark.

Further information:

- [OUH's website](#)
- [OUH's organisation](#)
- [Research Strategy 2016 - 2020](#)

3. The Hospital Department

Please refer to the website for more information.

<https://en.ouh.dk/department/clinical-microbiology/>

3.2. Clinical Specialties and Expertise

The Department of Clinical Microbiology provides services in clinical microbiology.

Geographically, the department provides services at OUH, Funen, and the Region of Southern Denmark.

3.3. The research Unit for Clinical Microbiology

The research Unit for Clinical Microbiology at SDU is described at the website

https://www.sdu.dk/en/om_sdu/institutter_centre/klinisk_institut/forskning/forskningsenheder/kliniskmikrobiologi

Two professors are affiliated with the research unit, including the vacant position. In addition to the two professors, one full-time associate research professor without teaching obligations is employed.

Research is encouraged in all fields within clinical microbiology. The research unit has a tradition for research in infection control, clinical application of new

technologies and materials, antibiotic treatment, and register-based research. Research by nurses and laboratory technicians is prioritised.

The Research Unit for Clinical Microbiology aims at expanding collaboration with local, regional, national, and international researchers. This includes collaboration with microbiologists at Campus SDU, strengthening translational research in advance of the establishment of New OUH at the location.

The research Unit for Clinical Microbiology is an integrated part of the Department of Clinical Microbiology at OUH with a smaller secretarial/technical staff and close collaboration with the laboratory.

3.4. Management and organisation of the department

The medical staff of the department comprises 7 consultants, 4 senior registrars, and 4 junior doctors.

The department is managed by the Head of Department, consultant Anette Holm and Chief biomedical scientist Pia Steinicke.

The research unit is a staff function to the departmental management. The secretarial staff refers to and is a part of the general administrative staff of the department.

3.5. Catchment area and regional functions

In accordance with the plans issued by the Danish National Board of Health, the department provides all services at a local level (population approximately 220,000) and all services at regional level (population approximately 1,2 million).

3.6. Highly specialised functions

The department conducts one highly specialised function: interpretation and consultancy related to infections in transplanted patients.

3.7. Teaching

The department teaches medical students at the University of Southern Denmark as well as postgraduate M.D.s in clinical and basic microbiology, infectious diseases, pharmacy, public health sciences, and others.

The two professors and four associate professors are formally obligated to contribute to teaching, but most staff members take part in teaching at different levels.

3.8. Research

The unit's research aims at optimising the prevention, diagnostic, and treatment of infectious diseases with special emphasis on surveillance and control of the spread of dangerous microorganisms and microorganisms that are difficult to treat. The development of methods to prevent the emergence of antibiotic resistance and hospital infections are fundamental elements. Much of the research has a translational aim where results are used directly in practical and concrete initiatives such as better and faster diagnostic analyses, effective intervention in outbreaks, and better antibiotic treatment.

The research unit is currently headed by the temporarily appointed associate professor Marianne N. Skov.

The research unit collaborates with several other units and departments at OUH, several departments at SDU, regional hospitals and has national and international contacts.

4. Faculty of Health Science

[Faculty of Health Science](#) is one of five faculties at the University of Southern Denmark. The faculty offers a grand variety of bachelor- and master's programs. (For further details, please see [Programmes](#).)

5. Department of Clinical Research

[Department of Clinical Research](#) comprises [46 research units](#) based on departments at Odense University Hospital and Mental Health Services in the Region of Southern Denmark. (For more information about the department's research, please see [SDU's Research Portal](#).)

The department staffs teach at all the programmes offered by the Faculty of Health Sciences, however, primarily in medicine. (Read more about the department and its key figures [here](#).)

Professor Kirsten Ohm Kyvik, MD, PhD, MPM, heads the department.

6. Living and working in Denmark

The [International Staff Office](#)(ISO)at SDU provides a grand variety of services for new employees, guests and people who consider applying for a job at the University of Southern Denmark. Among other things, the staff answers questions concerning [salary](#), [taxation](#), [housing](#) and [accompanying family](#). For further information on what it is like working at SDU, please read "[10 good reasons why you should choose SDU](#)". Additional information about working in Denmark can be found at [Work in Denmark](#).