

Publication list

content

I. Basic research period (1996-1986)	1
III. Publications in the HTA-period (2000-2005)	6
HTA-lectures and abstracts in recent years, 2000-2006.....	7

The present publications list only covers activities in 2 out of 3 of the periods mentioned below:

I. Basic research period (1976-1986)

medio 1976 - medio 1979 (research during medical studies)
primo 1981 - medio 1986 (senior research fellow)

II. Commercial research and development (1986-2000) – not available

III. HTA-period (2000-2005)

I. Basic research period (1996-1986)

Besides publications in international journals, a **doctoral dissertation** was prepared (primo 1981) from publications finalised during the medical study period. The dissertation was accepted and defended 5/11 1982 at Odense University. Title of doctoral dissertation:

Purification and quantification of two pregnancy associated alfa-2 mobile serum proteins with special reference to preparative and analytical immunochemical techniques.

Regular publications as first author:

1

Folkersen,J.;Teisner,B.; Svendsen,P. and S.-E. Svehag
An Immunoprecipitation-dissociation technique for large scale antibody purification and an antigen consumption electroimmunoassay for antibody quantification. A model study with antibodies to pregnancy zone protein. Journal of Immunological Methods, 23 (1978) 127-135

2

Folkersen,J.;Teisner,B.;Ahrons,S. and S.-E. Svehag
Affinity chromatographic purification of the pregnancy zone protein
Journal of Immunological Methods, 23 (1978) 117-125

3

Folkersen,J.;Teisner,B.;Westergaard,J.G. and S.-E.Svehag
An automatic multi-programmed affinity chromatographic system
Journal of Immunological Methods, 23, (1978) 137-147

4

Folkersen,J.;J.G.Westergaard.;Hindersson,P. and B.Teisner

Affinitychromatographic purification of a new high molecular weight pregnancy specific protein - SP-4
Carcinoembryonic proteins, Vol II, Ed, F.G.Lehmann, Elsevier. (1979) 503-508

5

Folkersen,J.;Teisner,B.;Hindersson,P. and S.-E. Svehag
A method for preparation of immunosorbents by direct coupling of dissociated immune complexes
Journal of Immunological Methods, 32,(1980) 327-338

6

Folkersen,J.;Teisner,B.;Grunnet,N.;Grudzinskas,J.G.;Westergaard,J.G. and P.Hindersson
Circulating levels of pregnancy zone protein: Normal range and the influence of age and gender
Clinica Chimica Acta, 110 (1981) 139-145

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Folkersen,J.;Grudzinskas,J.G.;Hindersson,P.;Teisner,B. and J.G.Westergaard
Pregnancy associated plasma protein A: Circulating levels during normal pregnancy
Am.J.Obstet. Gynecol., 139, (1981) 910-914

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Folkersen,J.;Grudzinskas,J.G.;Hindersson,P.;Teisner,B. and J.G.Westergaard
Purification of pregnancy associated plasma protein A by a two step affinity chromatographic procedure
Placenta, 2, (1981) 11-18

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Folkersen,J.;Hindersson,P.;Svendsen,P.;Teisner,B. and S.-E. Svehag
Counter-current -line-immunoelectrophoresis. A new electrophoretic method for analysis of oligospecific
antigen-antibody systems. Scandinavian Journal of Immunology, Suppl. No. 10, Vol 17, (1983) 199-203

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Folkersen,J.; Teisner,B.; Petersen,N.E.; Sim,R.B. and E.Jessen
Preparation of antibodies against the fourth complement component (C4) and development of a direct
electroimmunoassay for quantification of C4d. J.Clin.Lab.Immunol.,16,(1985) 163-167

11

Folkersen,J.;Sim,R.B.;Sottrup-Jensen,L. and S.-E. Svehag
Application of the immunoblotting technique to the study of single protein species in complex biological
fluids: A model study with alfa-2-macroglobulin. Electrophoresis, 6, (1985) 227-234

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Folkersen,J.;Søfeldt.S.; and S.-E.Svehag
Application of the electroblotting technique to the studies of the intestinal antibody response to extractable
fecal antigens. Scand.J.Gastroenterology, 20, (1985) 247-253

13

Folkersen,J.;Teisner,B.;Westergaard,J.G. and J.G.Grudzinskas
The selection of antibodies with defined desorption conditions from precipitated immune complexes for use
in immunoadsorption procedures. Journal of Immunological Methods, 77, (1985) 45-54

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Folkersen,J.;Teisner,B.;Eggertsen,G. and R.B.Sim
Immunoblotting analysis of the peptide structure of the physiologic breakdown products of the third
component of human complement. Electrophoresis,7,(1986)379-386

Other authorships

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Teisner,B.;Mogensen,B.;Folkersen,J and S.-E. Svehag
Throphoblastic tumour, oral contraceptive therapy and pregnancy associated alpha-2-glycoprotein (PAAG), case report. *British Journal of Obstetrics and Gynecology*.vol 84, No.8 (1977) 630-632

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Svendsen,P.;Stigbrand,T.;Teisner,B.;Folkersen,J.;Damber,M.-G.; Von Schoultz,B.; Kemp.E.;and S.-E. Svehag. Immunosuppressive effect of human pregnancy zone protein on H-2 incompatible mouse heart allografts. *Acta.Path.Microbiol.Scand. C*. 86, (1978) 199-201

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Teisner,B.;Westergaard,J.G.;Folkersen,J.;Husby,S. and S.-E. Svehag
Two pregnancy associated serum proteins with pregnancy specific glycoprotein determinants
Am.J. Obstet.Gynecol. Vol 131, No 3, (1978) 262-266

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Westergaard,J.G.; Folkersen,J.;Hindersson,P.;Svehag,S.-E. and B.Teisner
Two serum proteins with SP-1 determinants
Carcino-embryonic proteins, Vol II, Ed.F.G.Lehmann, Elsevier.(1979) 463-468

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Teisner,B.;Folkersen,J.;Hindersson,P.;Jensenius,J.C. and J.G.Westergaard
Quantification of the pregnancy specific beta-1-glycoprotein (SP1) by immunoprecipitation techniques: The influence of a crossreacting high molecular weight alfa-2-protein. *Scand. J. Immunol.*, 9, (1979) 409-417

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Westergaard,J.G.;Teisner,B.;Folkersen,J.;Hindersson,P.;Schultz-Larsen,H. and S.-E Svehag
Characterization of two pregnancy associated serum proteins with pregnancy specific beta-1-glycoprotein (PS-beta-G)-determinants. *Scand.J.Clin.Lab.Invest.*, 39, (1979) 351-359

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Hindersson,P.;Folkersen,J.;Westergaard,J.G.;Teisner,B. and S.-E. Svehag
Specific assay for pregnancy specific beta-1-glycoprotein (SP1-beta). Preparation of antiserum specific for SP1-beta by adsorption with a crossreacting high molecular weight serum protein
Journal of Reproductive immunology, 1, (1979) 159-166

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Teisner,B.; Folkersen,J.;Svendsen,P.; Hau,J. and P.Hindersson
Demonstration of an analogue to human pregnancy zone protein in the african green monkey
Journal of Medical Primatology,8, (1979) 298-304

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Grudzinskas,J.G.;Teisner,B.;Al-Ani,A.T.M.;Folkersen,J.;Westergaard,J.G. and T. Chard
Immunochemical and Biological studies on two molecular variants of pregnancy specific beta-1-glycoprotein (SP-1) SP1-alfa and SP1-beta. *Clinica Chimica Acta*, 106, (1980) 1-7

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Westergaard,J.G.;Folkersen,J.; Hindersson,P. and B.Teisner
Circulating levels of high molecular weight pregnancy specific protein (SP-4) in normal and pathological pregnancies. In *HUMAN PLACENTA: PROTEINS AND HORMONES* (Ed. A.Klopper), acad.press, London, 121-128, (1980)

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Westergaard,J.G.;Sizaret,PH.;Hindersson,P.;Folkersen,J and B.Teisner
Pregnancy specific beta-1 glycoprotein (SP1) in patients with throphoblastic disease: Molecular heterogeneity and a "SP1 consuming factor". Acta.Path. Microbiol.Scand. Sect.C, 88, (1980) 233-236

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Teisner,B.;Grudzinskas,J.G.;Hindersson,P.;Folkersen,J.;Westergaard,J.G. and T. Thard
Pregnancy specific beta-1-glycoprotein (SP-1). Molecular heterogeneity and measurement. Serono Symposium No. 35,"The human Placenta" Ed. A.Klopper et al., Acad. Press.(1980) 79-85

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Hindersson,P.;Teisner,B.;Folkersen,J.;Gruszinskas,J.G. and J.G.Westergaard
Investigations into the molecular heterogeneity of pregnancy specific beta-1 glycoprotein (SP1) Placenta, 2, (1981) 233-240

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Wahlstrøm,T.; Teisner,B. and J.Folkersen
Tissue localization of pregnancy associated plasma protein A (PAPP-A) in normal placenta Placenta,2,(1981) 253-258

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Wahlstrøm,T.;Teisner,B.;Lee,J.-N.;Grudzinskas,J.G.;Zeppala,M. and J.Folkersen
Placenta-associated plasma protein-A (PAPP-A, SP-4) in throphoblastic tumours Acta Path. Microbiol.Scand. Sect.C ,89, (1981) 65-66

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Teisner,B.; Lange,A.P.;Folkersen,J.;Antonsen,H.;Von Schoultz,B, and T.Stigbrand
Serum levels of the "pregnancy-zone protein" during short term prenatal dexamethasone therapy. Acta Obstet. Gynecol. Scand. 60, (1981) 161-164

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Chemnitz,J;Hau,J.;Svendsen,P.;Folkersen,J.Westergaard,J.G. and B.C.Christensen
Immunochemical demonstration of human and murine pregnancy associated serum proteins in maternal and placental tissue.. Bibliotheca Anatomica, 22, (1982) 87-92

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Sinosich,M.J.; Teisner,B.; Folkersen,J.;Saunders,D.M. and J.G. Grudzinskas
Radioimmunoassay for pregnancy associated plasma protein A Clinical Chemistry, 28, (1982) 50-53

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Hansen,O.;Jensenius,J.C.;Folkersen,J. and I.Brandslund
Production of antibodies against C3c epitopes which are inaccessible on native C3. J.Immunological Methods, 61,(1983)245-252

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Teisner,B.; Hau,J.;Folkersen,J. and H.H.Jepsen
Charge and size heterogeneity of C3d following in vivo activation of the complement system Complement, 1,(1984) 36-43

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Teisner,B.;Brandslund,I.;Folkersen,J.;Rasmussen,J.M.;Poulsen,L.O. and S.-E. Svehag
Factor I deficiency and C3 nephritic factor: Immunochemical findings and association with *Neisseria meningitidis* infection in two patients. *Scand.J.Immunol.* 20 (1984) 291-297

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Tornehave,D.; Chemnitz,J.; Teisner,B.;Folkersen,J. and J.G.Westergaard
Immunohistochemical demonstration of pregnancy-associated plasma protein A (PAPP-A) in the syncytiotrophoblast of the normal placenta at different gestational ages.. *Placenta*, 5, (1984) 427-432

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Sottrup-Jensen,L.;Folkersen,J.;Kristensen,T. and B.F.Tack
Partial primary structure of human pregnancy zone protein. Extensive sequence homology with human alfa-2 macroglobulin. *Proc.Nat.Acad.Sci. USA*, 81, (1984) 7353-7357

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Teisner, B., Petersen, N. E., Folkersen, J. & Hau, J.
Crossed immunoelectrophoretic analysis of split products of the third complement factor (C3d) following IN VIVO activation of the complement system. *Electrophoresis*, 5, 84-87, 1984.

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Eggertsen,G.;Hellman,U.;Lundwall,Å.;Folkersen,J.and J.Sjøquist.
Characterisation of tryptic fragments of human complement factor C3
Molecular Immunology, vol 22,No.8,(1985) 833-841

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Petersen,N.E.; Folkersen,J.;Teisner,B.; and S.-E. Svehag
Immunoelectrophoretic analysis of C4 split products expressing D but not C epitopes: Influence of storage, Ca²⁺ and Ca²⁺-chelating agents. *Complement*, 2, (1985) 147-155

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Sand,O.; Folkersen,J.;Westergaard,J.G. and L. Sottrup Jensen
Characterisation of Human pregnancy zone protein. Comparison with human alfa-2-macroglobulin.
J.Biological Chemistry, Vol.260,No.29 (1985) 15723-15735

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Carlsson,L.; Folkersen,J. and T. Stigbrand
Antigenic determinants of pregnancy-associated alfa-2-glycoprotein and alfa-2-macroglobulin defined by poly- and monoclonal antibodies. *Molecular Immunology*, Vol.22, No 9, (1985) 1073-1080

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Tornehave,D.;Folkersen,J.;Teisner,B. and J.Chemnitz
Immunohistochemical aspects of immunological crossreaction and masking of epitopes for localization studies on pregnancy-associated plasma protein-A (PAPP-A). *Histochem.J.*,18, (1986) 184-188

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Chemnitz,J.;Folkersen,J.;Teisner,B.;Sinosich,M.J.;Tornehave,D.;Westergaard,J.G.;Bolton,A.E. and J.G.Grudzinskas
Comparison of different antibody preparations against pregnancy associated plasma protein A (PAPP-A) for use in localization and immunoassy studies. *British Journal of Obstetrics and Gynecology*, 43, (1986) 916-923

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Armstrong,N.P.I.;Teisner,B.;Redman,C.W.G.;Westergaard,J.G.;Folkersen,J. and J.G.Grudzinskas

Complement activation, circulating protease-inhibitors and pregnancy associated proteins in severe pre-eclampsia. *British Journal of Obstetrics and Gynecology*, 93, (1986) 811-814

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Petersen, N. E., Teisner, B., Folkersen, J. & Svehag, S-E.
Heterogeneity of C4d and C3d and their complex formation with serum albumin.
Acta Path. Microbiol. Immunol. Scand., Sect. C, 95, 129-135, 1987.

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Jepsen, H. H., Teisner, B., Folkersen, J., Rasmussen, J. M. & Svehag, S-E.
Enhancing effect of autologous human erythrocytes on generation of C3 cleavage products beyond iC3b.
Complement, 5, 120-129, 1988.

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Poulsen, O. M., Hau, J., Teisner, B., Folkersen, J., Westergaard, J. G.
Proteolytic activity of human P -fetoprotein. *INT. J. FET0-MAT. MED.*, 1, 131-136, 1988.

III. Publications in the HTA-period (2000-2005)

49

Folkersen J og Holt Petersen P. **Holdningsundersøgelse vedrørende anvendelse af mini-medicinsk teknologivurdering før indførelse af nye medicinske teknologier på Rigshospitalet.** *Ugeskr Læger* 2006;168(21):2069

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Jennum P, Folkersen, J og Andreassen J. **Diagnostik og behandling af obstruktiv søvnapnø. En medicinsk teknologivurdering.** ISBN 87-7676-312-9. 2006. 6(5). København, Sundhedsstyrelsen.

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Folkersen J, Andreassen J, Basse L, Jakobsen DH, Kehlet H . **Det accelererede kolonkirurgiske patientforløb. En medicinsk teknologivurdering.** ISBN 87-7676-232-7. 2005. 5(7). København, Sundhedsstyrelsen

52

Rørbye C, Nilas L, Juul Larsen R, Wallach Kildemoes H og Folkersen J. **Medicinsk versus kirurgisk 1. trimester abort. En medicinsk teknologivurdering.** ISBN 87-7676-181-9. 2005, 5(6). København, Sundhedsstyrelsen.

53

Lilja Pedersen B, Folkersen J, Wallac Kildemoes H, Kjærgaard H, Mogensen T, Ottesen B, Pedersen T, Seidelin J og Weber T. **Klinisk Risikostyring – en MTV-analyse af implementering på en dansk fødegang.** ISBN: 87-988362-5-0. 2003. H:S, Hvidovre Hospital

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Folkersen J. **Kompendium i projektledelse.** ISBN 87-988362-4-2. 2002. MTV-enheden, Hvidovre Hospital

55

Folkersen J. **Litteratursøgning og evidensvurdering - en kort vejledning**. ISBN 87-988362-3-4. 2002. MTV-enheden, Hvidovre Hospital

56

Vrangbæk C. og Folkersen J. **Vejledning i organisatorisk analyse i MTV-projekter** . 2002. Institut f Statskundskab KBH's universitet og MTV-enheden, Hvidovre Hospital

57

Larsen RJ og Folkersen J. **Vejledning i detailplanlægning af MTV-projekter**. ISBN 87-988362-2-6. 2001. MTV-enheden, Hvidovre Hospital

58

Folkersen J. **Værd at vide om MTV**. ISBN 87-988362-1-8. 2001. MTV-enheden, Hvidovre Hospital

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Folkersen J. **Indholdsvejledning for problemformulering og projektbeskrivelse** 2001. MTV-enheden, Hvidovre Hospital

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Hylstrup,Lars. Ancher Sørensen, Henrik. Folkersen, Jørgen. Andreasen, Jacob. Bennich, Christian. **Elektronisk patientjournal til osteoporoseambulatorium** – en medicinsk teknologivurdering. København: Sundhedsstyrelsen, Medicinsk teknologivurdering, Puljeprojekter 2008; 8(1)

HTA-lectures and abstracts in recent years, 2000-2006

J.Folkersen

"Use of non-evidence based information in Health Technology Assessment". Foredrag i det internationale HTAi-møde Krakov, , juni 2004, Polen:

Gehrchen, PM, Dahl,P. Kjær, T, Folkersen, J

"Medicinsk teknologivurdering af stabiliserende rygoperationer, præliminære resultater" Foredrag ved det danske MTV-årsmøde KBH, 2003

Holt-Petersen og Folkersen. "To fill the gap between decision makers and HTA providers". MTV-enhedens poster til Istahc konferencen i Canmore, Canada juni 2003

Folkersen, J

Invited speaker:"Pragmatic science-based decisions",Mar-2002 : Basel, DIA Euro Meeting 2002: "The Patient is waiting"

Abstract on back surgery, Istahc-konferencen Berlin, juni 2002

Cronicle in "Dagens medicin": "Vi må selv gå forrest", 8 febr 2001

Chairman for workshop på Hvidovre Hospitals forskningsdag om "evidensbaseret medicin" 19 nov 2001