

## **Lebenslauf Prof. Dr. med. Christoph M. Bamberger** **bamberger @mpch.de**

### **WISSENSCHAFTLICHER WERDEGANG**

- Seit 2006 Direktor, Medizinisches PräventionsCentrum Hamburg (MPCH)
- 2003-2008 C3-Professur für Endokrinologie und Stoffwechsel des Alterns, Zentrum für Innere Medizin, Universitätsklinikum Hamburg-Eppendorf
- 1996 – 2003 Wissenschaftlicher Mitarbeiter, Medizinische Klinik I, Universitätsklinikum Hamburg-Eppendorf
- 1995 – 1999 Laborleiter, Institut für Hormon- und Fortpflanzungsforschung (IHF) an der Universität Hamburg
- 1993 – 1994 Forschungsaufenthalt an den National Institutes of Health (NIH), Bethesda, Maryland, USA
- 1991 – 1992 Arzt im Praktikum (Innere Medizin und Endokrinologie), 1. Medizinische Klinik, Christian-Albrechts-Universität Kiel

### **EXAMINA UND TITEL**

- 2003 Ernennung zum Professor, Universität Hamburg
- 2001 Habilitation und Venia legendi für das Fach Innere Medizin, Universität Hamburg
- 2001 Schwerpunktbezeichnung Endokrinologie
- 1999 Facharzt für Innere Medizin
- 1993 Amerikanisches Staatsexamen (USMLE Step 1 und 2)
- 1991 Medizinisches Staatsexamen und Dissertation zum Dr. med. (Thema: Axonregeneration im N. opticus der adulten Albinoratte, Doktorvater: Prof. Sievers, Anatomisches Institut, Universität Kiel)

## **STIPENDIEN UND AUSZEICHNUNGEN**

- 2007 Cellagon-Forschungspreis
- 2005 Dr. Günther Buch-Preis für Alternsforschung
- 1998 Dr. Martini-Preis der Dr. Martini-Stiftung Hamburg
- 1996 Ludolph-Brauer-Preis der Nordwestdeutschen Gesellschaft für Innere Medizin
- 1995 Schoeller-Junkmann-Preis der Deutschen Gesellschaft für Endokrinologie
- 1985-1992 Stipendiat der Studienstiftung des deutschen Volkes

## **FORSCHUNGSFÖRDERUNG DURCH**

- Deutsche Forschungsgemeinschaft
- Deutsche Krebshilfe (Mildred Scheel-Stiftung)
- Werner-Otto-Stiftung
- Johanna und Fritz Buch-Gedächtnisstiftung
- Leidenberger-Müller-Stiftung

## **MITGLIEDSCHAFT**

- Deutsche Gesellschaft für Endokrinologie
- Deutsche Gesellschaft für Innere Medizin
- US Endocrine Society

## BÜCHER

zahlreiche Bücher zu den Themen Prävention und Stress, u.a. "Besser leben länger leben" (Droemer Knauer 2006), "Stress-Intelligenz" (Droemer Knauer 2007), "Entdecken Sie Ihr genetische Ich" (Droemer Knauer 2009), "Die 50 besten Stress-Killer" (Trias 2012), "Die 50 besten Ärger-Killer" (Trias 2013), "Die 50 besten Vergesslichkeits-Killer" (Trias 2014), "Das Schlafwunder" (Trias 2017)

## PUBLIKATIONEN

The efficacy of forceful ankle and toe exercises to increase venous return: A comprehensive Doppler ultrasound study.  
Kropp AT, Meiss AL, Guthoff AE, Vettorazzi E, Guth S, **Bamberger CM**.  
Phlebology. 2017 Jan 1;268355517706042. doi: 10.1177/0268355517706042. [Epub ahead of print]

Ultrasound Diagnosis of Hepatic Steatosis as a Surrogate for Atherosclerosis.  
Guth S, Windler E, Leise U, **Bamberger CM**  
Ultrasound Int Open. 2016 Mar;2(1):E27-31. doi: 10.1055/s-0035-1569419. Epub 2016 Mar 1.

Ultrasound versus MRI in preventive examinations - a retrospective analysis of 833 patients.  
Guth S, Leise U, Gocke C, Herborn CU, Galach A, **Bamberger CM**.  
Ultraschall Med. 2012 Dec;33(7):E202-9. doi: 10.1055/s-0032-1330284. Epub 2012 Nov 22.

Mesenterial lymphangioliipoma - a rare finding in an asymptomatic patient.  
Guth S, Gocke C, Gebhardt J, Schwenk W, Caselitz J, **Bamberger CM**.  
Med Klin (Munich). 2010 Dec;105(12):948-51.

Current strategies and recent advances in the therapy of hypercholesterolemia.  
Windler E, Zyriax BC, **Bamberger C**, Rinninger F, Beil FU.  
Atheroscler Suppl. 2009 Dec 29;10(5):1-4.

Very high prevalence of thyroid nodules detected by high frequency (13 MHz) ultrasound examination.

Guth S, Theune U, Aberle J, Galach A, **Bamberger CM**.  
Eur J Clin Invest. 2009 Aug;39(8):699-706.

Osteopontin stimulates invasion of NCI-h295 cells but is not associated with survival in adrenocortical carcinoma.

Weismann D, Briese J, Niemann J, Grüneberger M, Adam P, Hahner S, Johanssen S, Liu W, Ezzat S, Saeger W, Bamberger AM, Fassnacht M, Schulte HM, Asa SL, Allolio B, **Bamberger CM**.  
J Pathol. 2009 Jun;218(2):232-40.

Correlations between reduced expression of the metastasis suppressor gene KAI-1 and accumulation of p53 in uterine carcinomas and sarcomas.

Briese J, Schulte HM, Sajin M, **Bamberger C**, Redlin K, Milde-Langosch K, Löning T, Bamberger AM.  
Virchows Arch. 2008 Jul;453(1):89-96.

Factors contributing to the risk of cardiovascular disease reflected by plasma adiponectin: data from the coronary risk factors for atherosclerosis in women (CORA) study.

Zyriax BC, Algenstaedt P, Hess UF, Schöffauer M, **Bamberger C**, Boeing H, Windler E.  
Atherosclerosis. 2008 Oct;200(2):403-9. doi:  
10.1016/j.atherosclerosis.2007.12.033. Epub 2008 Feb 8.

CEACAM1 impedes thyroid cancer growth but promotes invasiveness: a putative mechanism for early metastases.

Liu W, Wei W, Winer D, Bamberger AM, **Bamberger C**, Wagener C, Ezzat S, Asa SL.  
Oncogene. 2007 Apr 26;26(19):2747-58. Epub 2006 Oct 23.

Expression of urocortin in the extravillous human trophoblast at the implantation site.

**Bamberger CM**, Minas V, Bamberger AM, Charalampopoulos I, Fragouli Y, Schulte HM, Makrigiannakis A.  
Placenta. 2007 Feb-Mar;28(2-3):127-32. Epub 2006 May 12.

Expression pattern of osteopontin in endometrial carcinoma: correlation with expression of the adhesion molecule CEACAM1.

Briese J, Schulte HM, **Bamberger CM**, Löning T, Bamberger AM.  
Int J Gynecol Pathol. 2006 Apr;25(2):161-9.

Expression of the glucocorticoid receptor in the human adrenal cortex.

Paust HJ, Loeper S, Else T, Bamberger AM, Papadopoulos G, Pankoke D, Saeger W, **Bamberger CM**.  
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Bamberger AM, Minas V, Kalantaridou SN, Radde J, Sadeghian H, Löning T, Charalampopoulos I, Brümmer J, Wagener C, **Bamberger CM**, Schulte HM, Chrousos GP, Makrigiannakis A. *Am J Pathol.* 2006 Jan;168(1):141-50.

Association of plasma resistin levels with coronary heart disease in women.

Pischon T, **Bamberger CM**, Kratzsch J, Zyriax BC, Algenstaedt P, Boeing H, Windler E. *Obes Res.* 2005 Oct;13(10):1764-71.

Vitamin B6 modulates glucocorticoid-dependent gene transcription in a promoter- and cell type-specific manner.

**Bamberger CM**, Else T, Ellebrecht I, Milde-Langosch K, Pankoke D, Beil FU, Bamberger AM. *Exp Clin Endocrinol Diabetes.* 2004 Nov;112(10):595-600.

The role of the AP-1 transcription factors c-Fos, FosB, Fra-1 and Fra-2 in the invasion process of mammary carcinomas.

Milde-Langosch K, Röder H, Andritzky B, Aslan B, Hemminger G, Brinkmann A, **Bamberger CM**, Löning T, Bamberger AM. *Breast Cancer Res Treat.* 2004 Jul;86(2):139-52.

Expression pattern of the activating protein-1 family of transcription factors in the human placenta.

Bamberger AM, **Bamberger CM**, Aupers S, Milde-Langosch K, Löning T, Makrigiannakis A. *Mol Hum Reprod.* 2004 Apr;10(4):223-8. Epub 2004 Feb 16.

Expression pattern of the CCAAT/enhancer-binding proteins C/EBP-alpha, C/EBP-beta and C/EBP-delta in the human placenta.

Bamberger AM, Makrigiannakis A, Schröder M, **Bamberger CM**, Relakis C, Gellersen B, Milde-Langosch K, Löning T. *Virchows Arch.* 2004 Feb;444(2):149-52. Epub 2003 Dec 23.

Regulation of the human leukemia inhibitory factor gene by ETS transcription factors.

Bamberger AM, Jenatschke S, Schulte HM, Ellebrecht I, Beil FU, **Bamberger CM**. *Neuroimmunomodulation.* 2004;11(1):10-9.

Expression of the high-mobility group protein HMGI(Y) in human trophoblast: potential role in trophoblast invasion of maternal tissue.

Bamberger AM, Makrigiannakis A, Röser K, Radde J, Carstens T, Flohr AM, **Bamberger CM**, Bullerdiek J, Löning T.

Virchows Arch. 2003 Nov;443(5):649-54. Epub 2003 Sep 11.

The glucocorticoid receptor is specifically expressed in the stromal compartment of the human endometrium.

Bamberger AM, Milde-Langosch K, Löning T, **Bamberger CM**.  
J Clin Endocrinol Metab. 2001 Oct;86(10):5071-4.

Molecular mechanisms of dissociative glucocorticoid activity.

**Bamberger CM**, Schulte HM.  
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**Bamberger CM**, Bamberger AM.  
Ann N Y Acad Sci. 2000;917:290-6.

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Pfeiffer G, Hagel C, Eckert B, Zschaber R, Gross G, **Bamberger CM**.

Eur Neurol. 2000;44(2):123-4. No abstract available.

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Bamberger AM, Schulte HM, Wullbrand A, Jung R, Beil FU, **Bamberger CM**.

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Drakakis P, Coutifaris C, Makrigiannakis A.

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Strongly reduced expression of the cell cycle inhibitor p27 in endometrial neoplasia.

Bamberger AM, Riethdorf L, Milde-Langosch K, **Bamberger CM**, Thuneke I, Erdmann I, Schulte HM, Löning T.  
Virchows Arch. 1999 May;434(5):423-8.

Reduced expression levels of the cell-cycle inhibitor p27Kip1 in human pituitary adenomas.

**Bamberger CM**, Fehn M, Bamberger AM, Lüdecke DK, Beil FU, Saeger W, Schulte HM.  
Eur J Endocrinol. 1999 Mar;140(3):250-5.

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Bamberger AM, Ivell R, Balvers M, Kelp B, **Bamberger CM**, Riethdorf L, Löning T.  
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Molecular and clinical endocrinology of the endometrium.

Bamberger AM, Kleinkauf-Houcken A, **Bamberger CM**, Löning T.  
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Molecular mechanisms of proliferation in endometrial tumour cells.

Bamberger AM, Bamberger CM, Schulte HM.  
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Regulation of the human interleukin-2 gene by the alpha and beta isoforms of the glucocorticoid receptor.

**Bamberger CM**, Else T, Bamberger AM, Beil FU, Schulte HM.  
Mol Cell Endocrinol. 1997 Dec 31;136(1):23-8.

Human lymphocytes produce urocortin, but not corticotropin-releasing hormone.

**Bamberger CM**, Wald M, Bamberger AM, Ergün S, Beil FU, Schulte HM.  
J Clin Endocrinol Metab. 1998 Feb;83(2):708-11.

Regulation of the human leukaemia inhibitory factor (LIF) promoter in HEC-1B endometrial adenocarcinoma cells.

Bamberger AM, Erdmann I, Jenatschke S, **Bamberger CM**, Schulte HM.  
Mol Hum Reprod. 1997 Sep;3(9):789-93.

Expression of the apoptosis-inducing Fas ligand (FasL) in human first and third trimester placenta and choriocarcinoma cells.

Bamberger AM, Schulte HM, Thuneke I, Erdmann I, **Bamberger CM**, ASA SL.  
J Clin Endocrinol Metab. 1997 Sep;82(9):3173-5.

Inhibition of mineralocorticoid and glucocorticoid receptor function by the heat shock protein 90-binding agent geldanamycin.

**Bamberger CM**, Wald M, Bamberger AM, Schulte HM.

Mol Cell Endocrinol. 1997 Aug 8;131(2):233-40.

PKC isoenzyme expression and cellular responses to phorbol ester in JEG-3 choriocarcinoma cells.

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Mechanisms of action of glucocorticoids.

**Bamberger CM**, Schulte HM.

Internist (Berl). 1997 Apr;38(4):366-70.

Transcriptional regulation of the human 'leukemia inhibitory factor' gene: modulation by glucocorticoids and estradiol.

Bamberger AM, Erdmann I, **Bamberger CM**, Jenatschke SS, Schulte HM.

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Inhibition of mineralocorticoid activity by the beta-isoform of the human glucocorticoid receptor.

**Bamberger CM**, Bamberger AM, Wald M, Chrousos GP, Schulte HM.

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Protein kinase C (PKC) isoenzyme expression pattern as an indicator of proliferative activity in uterine tumor cells.

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The non-ligand binding beta-isoform of the human glucocorticoid receptor (hGR beta): tissue levels, mechanism of action, and potential physiologic role.

de Castro M, Elliot S, Kino T, **Bamberger C**, Karl M, Webster E, Chrousos GP.

Mol Med. 1996 Sep;2(5):597-607.

Molecular mechanisms of glucocorticoid resistance/hypersensitivity. Potential clinical implications.

Chrousos GP, Castro M, Leung DY, Webster E, Kino T, **Bamberger C**, Elliot S, Stratakis C, Karl M.

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Modulation of AP-1 activity by the human progesterone receptor in endometrial adenocarcinoma cells.

Bamberger AM, **Bamberger CM**, Gellersen B, Schulte HM.

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Molecular determinants of glucocorticoid receptor function and tissue sensitivity to glucocorticoids.



Bamberger CM, Schulte HM, Chrousos GP.  
Endocr Rev. 1996 Jun;17(3):245-61.

Regeneration in the optic nerve of adult rats: influences of cultured astrocytes and optic nerve grafts of different ontogenetic stages.  
Sievers J, **Bamberger C**, Debus OM, Lucius R.  
J Neurocytol. 1995 Oct;24(10):783-93.

Expression of pit-1 messenger ribonucleic acid and protein in the human placenta.  
Bamberger AM, **Bamberger CM**, Pu LP, Puy LA, Loh YP, Asa SL.  
J Clin Endocrinol Metab. 1995 Jul;80(7):2021-6.

The glucocorticoid receptor and RU 486 in man.  
**Bamberger CM**, Chrousos GP.  
Ann N Y Acad Sci. 1995 Jun 12;761:296-310. Review.

Glucocorticoid receptor beta, a potential endogenous inhibitor of glucocorticoid action in humans.  
**Bamberger CM**, Bamberger AM, de Castro M, Chrousos GP.  
J Clin Invest. 1995 Jun;95(6):2435-41.

Growth hormone secretion in response to the new centrally acting antihypertensive agent moxonidine in normal human subjects: comparison to clonidine and GHRH.  
**Bamberger CM**, Mönig H, Mill G, Gödde E, Schulte HM.  
Exp Clin Endocrinol Diabetes. 1995;103(3):205-8.

Systemic interleukin-1 alpha and interleukin-2 secretion in response to acute stress and to corticotropin-releasing hormone in humans.  
Schulte HM, **Bamberger CM**, Elsen H, Herrmann G, Bamberger AM, Barth J.  
Eur J Clin Invest. 1994 Nov;24(11):773-7.