

# Christoph Zenzmaier

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## TÄTIGKEITEN AN DER FHG

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### Leitung Pflegeforschung

FH-Bachelor-Studiengang **Gesundheits- und Krankenpflege** [ 02.2021 – Aktuell ]

### Wissenschaftlicher Mitarbeiter

FH-Bachelor-Studiengang **Hebamme** [ 02.2014 – Aktuell ]

### Wissenschaftlicher Mitarbeiter

**Wissenschaftliche Leitung** [ 02.2014 – 01.2021 ]

## HÖCHSTE ABGESCHLOSSENE AUSBILDUNG

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### Doktoratsstudium der medizinischen Wissenschaften

Medizinische Universität Graz [ 2002 – 2004 ]

## PUBLIKATIONEN

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### Original articles

Zenzmaier C., Janssen J., Zulmin C., Österreicher P., Heinrich L., Tucek G., Perkhofer S. Response of salivary biomarkers to an empathy triggering film sequence-a pilot study. *Sci Rep.* 2021. 11(1):15794. doi: 10.1038/s41598-021-95337-4.

Schildberger B., Zenzmaier C., König-Bachmann M. Versorgung von Frauen mit Behinderungen in der Geburtshilfe. *Public Health Forum.* 2021. 29(2):151–153. doi: 10.1515/pubhef-2021-0021

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Zenzmaier C., Pfeifer B., Leitner H., König-Bachmann M. Cesarean delivery after non-medically indicated induction of labor: a population based study using different definitions of expectant management. *Acta Obstet Gynecol Scand.* 2021. 100(2):220-228. doi: 10.1111/aogs.13989

Krulis J., König-Bachmann M., Zenzmaier C. Einflussfaktoren auf das väterliche Erleben der Geburt im Kreißsaal: Eine qualitative Studie. *Z Geburtshilfe Neonatol.* 2021. 225(2):167-175. doi: 10.1055/a-1204-2212.

Gebhart V., Buchberger W., Klotz I., Neururer S., Rungg C., Tucek G., Zenzmaier C., Perkhofer S. Distraction-focused interventions on examination stress in nursing students: Effects on psychological stress and biomarker levels. A randomized controlled trial. *Int J Nurs Pract.* 2020. 26(1):e12788. doi: 10.1111/ijn.12788.

König-Bachmann M., Zenzmaier C., Schildberger B. Health professionals' views on maternity care for women with physical disabilities: a qualitative study. *BMC Health Serv Res.* 2019. 19:551. doi: 10.1186/s12913-019-4380-y.

Ederer C., König-Bachmann M., Romano I., Knobloch R., Zenzmaier C.. Midwives' perception of patient safety culture - a qualitative study. *Midwifery.* 2019. 71:33-41. doi: 10.1016/j.midw.2018.12.020.

Schildberger B., Zenzmaier C., König-Bachmann M. Mütter mit motorischen oder sensorischen Beeinträchtigungen. *Hebammenforum.* 1/2019; 19:36-38.

Schildberger B., Ortner N., Zenzmaier C., König-Bachmann M. Chancengleiche Versorgung – Barrierefreiheit in der Geburtshilfe für Frauen mit körperlichen Beeinträchtigungen. *Hebamme.* 2018. 31(03):174-181.

Fréalle E., Gosset P., Leroy S., Delattre C., Wacrenier A., Zenzmaier C., Zawadzki C., Aliouat E.M., Perkhofer S. In vitro coagulation triggers anti-Aspergillus fumigatus neutrophil response. *Future Microbiol.* 2018. 13:659-669. doi: 10.2217/fmb-2017-0190.

Luegmair K., Zenzmaier C., Oblässer C., König-Bachmann M. Women's satisfaction with care at the birthplace in Austria: Evaluation of the Babies Born Better survey national dataset. *Midwifery.* 2018. 59:130-140. doi: 10.1016/j.midw.2018.01.003.

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- Casella I., Lindner H., Zenzmaier C., Riitano D., Berger P., Costa T. Non GnRH-mediated transcription and secretion of large

human glycoprotein hormone  $\alpha$ -subunit in HEK293 cells. *Endocrinology*. 2008; 149(3): 1144-1154.

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## Review articles

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Sampson N., Berger P., Zenzmaier C. Redox signaling as a therapeutic target to inhibit myofibroblast activation in degenerative fibrotic disease. *Biomed Res Int*. 2014;131737. doi: 10.1155/2014/131737.

Sampson N., Berger P., Zenzmaier C. Therapeutic targeting of redox signaling in myofibroblast differentiation and age-related fibrotic disease. *Oxid Med Cell Longev*. 2012; 2012:458276. doi: 10.1155/2012/458276.

Zenzmaier C., Untergasser G., Berger P. Aging of the prostate epithelial stem/progenitor cell. *Exp Gerontol*. 2008; 43(11):981-985.

Gesslbauer B., Krenn E., Zenzmaier C., Preisseger K.H., Kungl A.J. Lessons from the stem cell proteome. *Current Stem Cell Research & Therapy*. 2006; 1(3):395-409.

## Abstracts

Pircher B., Zenzmaier C., Kleinhans B., König-Bachmann M., Jabinger E.M. Steigerung des subjektiv wahrgenommenen Sicherheitsgefühls bei geburtshilflichen Notfällen durch Simulationstrainings. 14. Forschungsforum der österreichischen Fachhochschulen. March 7-8, 2021, Vienna, Austria.

König-Bachmann M., Siller H., Zenzmaier C., Pittl M., Perkhofer S., Hochleitner M. Dealing with domestic violence in pregnant women: intersections shaping vulnerability and resilience. First official European Congress on Clinical Psychology and Psychological Treatment of EACLIPT, October 31 – November 2, 2019, Dresden, Germany.

Siller H., Pittl M., Zenzmaier C., Perkhofer S., Hochleitner M., König-Bachmann M. Connecting Midwives and Violence Prevention Institutions – One Step in Fighting Violence Against Women. 9th Congress of the International Society of Gender Medicine, September 12-13, 2019, Vienna, Austria.

Hochleitner M., König-Bachmann M., Perkhofer S., Pittl M., Siller H., Zenzmaier C. Do we need to focus on intersections of care for pregnant women experiencing (domestic) violence to close the gap in referral systems? A qualitative study conducted in Austria. 3rd European Conference on Domestic Violence, September 1-4, 2019, Oslo, Norway.

Zenzmaier C., Pfeifer B., Leitner H., König-Bachmann M. Risk of cesarean after induction of labor: impact of definition of expectant management comparator group. 4th European Congress on Intrapartum Care, March 14-16, 2019, Turin, Italy.

Fréalle E., Gosset P., Leroy S., Delattre C., Wacrenier A., Zenzmaier C., Zawadzki C., Aliouat E.M., Perkhofer S. (2018). In vitro coagulation triggers anti-Aspergillus fumigatus neutrophil response. 20th Congress of the International Society for Human and Animal Mycology, June 30 – July 4, 2018, Amsterdam, Netherlands. *Med Mycol*. 2018; 56(S2):S130.

Schiefermeier-Mach N., Zenzmaier C., Angerer S., Zulmin C., Geley S., Perkhofer S. Generation and evaluation of stable Lifeact-expressing A549 cell lines for investigation of *A.fumigatus* interaction with pulmonary epithelial cells. 20th Congress of the International Society for Human and Animal Mycology, June 30 – July 4, 2018, Amsterdam, Netherlands. *Med Mycol*. 2018; 56(S2):S120.

Fréalle E., Gosset P., Leroy S., Delattre C., Wacrenier A., Zenzmaier C., Zawadzki C., Aliouat E.M., Perkhofer S. Activation de la réponse neutrophilique anti-Aspergillus fumigatus par la coagulation in vitro. Congrès SFMM / SFP / RESFIZ, May 16-19, 2018, Nice, France.

König-Bachmann M., Zenzmaier C., Schildberger B. Relationship design in obstetric care for mothers with disabilities. 31st ICM Triennial Congress, June 18-22, 2017, Toronto, Canada.

König-Bachmann M., Perkhofer S., Zenzmaier C., Hochleitner M., Siller H. Educational on sex and violence for midwifery students: preparing students for practice. 31st ICM Triennial Congress, June 18-22, 2017, Toronto, Canada.

Zenzmaier C., Leitner H., Brezinka C., Oberaigner W., König-Bachmann M. Geburtshilfliches Outcome nach Geburtseinleitung: Eine retrospektive Analyse des österreichischen Geburtenregisters 2008 – 2014. 61. Kongress der DGGG. October 19-22, 2016, Stuttgart, Germany. *Geburtshilfe Frauenheilkd*. 2016; 76:P521.

Schildberger B., Zenzmaier C., König-Bachmann M. Erfahrungen von Müttern mit motorischer oder sensorischer Beeinträchtigung während Schwangerschaft/Geburt und Wochenbett. 10. Forschungsforum der österreichischen Fachhochschulen. March 30-31, 2016, Vienna, Austria.

Beer, A.G., Zenzmaier C., Marschang P. Low-density Lipoprotein Receptor-Related Protein 1B impairs Cellular Proliferation in

Human Cell Lines. Jahrestagung der Österreichischen Gesellschaft für Internistische Angiologie (ÖGIA), October 10-11, 2014, Innsbruck, Austria. Z Gefässmed. 2014. 11(4):28.

Beyer C., Zenzmaier C., Palumbo-Zerr K., Mancuso R., Distler A., Dees C., Zerr P., Huang J., Friebe A., Sandner P., Distler O., Schett G., Berger P., Distler J. Stimulation of the soluble guanylate cyclase (sGC) inhibits dermal fibrosis by blocking non-canonical TGF-beta-signaling. 3rd Systemic Sclerosis World Congress. February 6-8, 2014, Rome, Italy. Clin Exp Rheumatol. 2014. 32 Suppl 81(2):15-16.

Marschang P., Zenzmaier C., Beer, A.G. Low-density lipoprotein receptor-related protein 1b impairs cellular proliferation in human cell lines. Congress of the European-Society-of-Cardiology (ESC). August 31-September 4, 2013, Amsterdam, Netherlands. Eur Heart J. 2013. 34(Suppl 1):760.

Zenzmaier C., Beer A.G., Marschang P. Hemmung des Wachstums von humanen Lungenkarzinomzellen durch Low-Density Lipoprotein Receptor-related Protein 1b. 10. PneumoUpdate. June 13-15, 2013, Innsbruck, Austria. Pneumologie. 2013. 67(5):P18.

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Roberts M., Teng L., Buck M., Schirra H., Hancock J., Clarke R., Samaratunga H., Zenzmaier C., Lavin M., Gardiner R. Molecular and metabonomic ejaculate profiling enables prostate cancer detection. Urological Society of Australia and New Zealand, 65th Annual Scientific Meeting. April 21-24, 2012, Darwin, Australia. BJU Int. 2012. 109(Suppl 4):8.

Gardiner R.A., Buck M., Teng L., Schirra H.J., Roberts M.J., Zenzmaier C., Hancock J., O'Rourke P., Samaratunga M.L.T.H., Scells B., Payton J.D., Perry-Keene J., Yaxley J., Coughlin G., Lavin M.F. Multiple markers in prediction of prostate cancer from ejaculate. 20th Annual RBWH Health Care Symposium: Personalised Health Care. October 10-14, 2011, Brisbane, Australia.

Zenzmaier C., Berger P. Dkk-3 is a key factor that governs formation of PCa reactive stroma. Molecular and Applied Biosciences Austria 2011. 3rd Annual Meeting Austrian Association of Molecular Life Sciences and Biotechnology (ÖGMBT). September 28-30, 2011, Puch bei Salzburg, Austria.

Zenzmaier C., Kern J., Sampson N., Plas E., Untergasser G., Berger P. PDE5 inhibitors for the treatment of benign prostatic hyperplasia: Influence on proliferation and fibroblast-to-myofibroblast trans-differentiation in vitro. 9th World Congress on Urological Research. September 15-17, 2011, Innsbruck, Austria.

Zenzmaier C., Berger P. Dickkopf-3 supports formation of PCa reactive stroma. Aging & Cancer 2011: From Molecules to organisms. May 19-21, 2011, Heidelberg, Germany.

Sampson N., Zenzmaier C., Koziel R., Bubendorf L., Plas E., Jansen-Dürr P., Berger P. ROS signaling by NOX4 drives fibroblast-to-myofibroblast transdifferentiation in the diseased prostatic stroma. 54. Symposium der Deutschen Gesellschaft für Endokrinologie. March 30 - April 2, 2011, Hamburg, Germany.

Zenzmaier C., Sampson N., Plas E., Berger P. Dickkopf-3 supports pathogenic stromal remodeling in benign prostatic hyperplasia and prostate cancer. 26th Annual EAU Congress. March 18-22, 2011, Vienna, Austria. Eur Urol Suppl. 10(2):182-183.

Gardiner R., Teng L., Buck M., Hancock J., Clarke R., Samaratunga H., Schirra H., Zenzmaier C., Berger P., Catto J., Yaxley J., Gianduzzo T., Coughlin J., Lavin M. Multiple markers in prostate cancer detection from ejaculate. Urological Society of Australia and New Zealand, 64th Annual Scientific Meeting. February 21-24, 2011, Christchurch, New Zealand. BJU Int. 2011. 107(Suppl 1):28.

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## **AUSZEICHNUNGEN UND PREISE**

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**Best Poster Presentation in Poster Session BPH: Basic Research, 26th Annual EAU Congress [ 2011 ]**

**Beste wissenschaftliche Präsentation im Bereich Funktionelle Urologie. 36. Gemeinsame Tagung der Bayrischen Urologenvereinigung und der ÖGU [ 2010 ]**

**Posterpreis, 52. Symposium der Deutschen Gesellschaft für Endokrinologie [ 2009 ]**

**Fast Forward Award der SFG [ 2008 ]**

**Houska Preis Anerkennungspreis [ 2008 ]**

**DSM Gold Innovation Award [ 2007 ]**

## **GUTACHTERTÄTIGKEIT – PEER REVIEW**

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**Asian Journal of Andrology**

**Autonomic Neuroscience: Basic and Clinical**

**Biomedicine & Pharmacotherapy**

**BMC Pregnancy and Childbirth**

**Cell Proliferation**

**Clinical and Experimental Obstetrics & Gynecology**

**Clinical Epidemiology**

**Current Medicinal Chemistry**

**Current Stem Cell Research & Therapy**

**Drug Design, Development and Therapy**

**European Journal of Midwifery**

**Experimental Gerontology**

**Expert Review of Proteomics**

**Gerontology**

**Hormones and Behavior**

**International Journal of Women's Health**

**Journal of Maternal-Fetal & Neonatal Medicine**

**Journal of Pain Research**

**Journal of Proteomics**

**Journal of the American Aging Association**

**Neoplasia**

**Oncogenesis**

**Scandinavian Journal of Medicine & Science in Sports**

**Women and Birth**