

## Professional Experience

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Since 11/2016 Medical Doctor, Department of Gynaecology and Obstetrics, University Hospital Dresden, TU Dresden, Germany  
09/2016 MRCOG part1, Royal College of Obstetricians and Gynaecologists, UK  
08/2016 Full registration as medical doctor in the UK and "Approbation als Arzt", Germany  
07/2015 - 08/2016 Academic Foundation Year 1 Doctor, West Middlesex University Hospital, Chelsea & Westminster Hospitals NHS FT, London, UK

## Academic Experience

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Since 11/2016 Research scientist, Laboratory of Gynaecological Oncology, Department of Gynaecology and Obstetrics, University Hospital Dresden, TU Dresden, Germany  
04/2015 - 05/2015 Visiting Research Scientist in Prof. Bast Jr.'s laboratory, University of Texas MD Anderson Cancer Center, Houston, Texas, USA  
07/2012 - 07/2014 Research scientist in Prof. Ahmed's laboratory, Weatherall Institute of Molecular Medicine and Nuffield Department of Obstetrics and Gynaecology, University of Oxford, UK  
03/2007 - 06/2007 Research assistant in bioorganic chemistry, supervised by Dr. Schultz, European Molecular Biology Laboratory EMBL, Heidelberg, Germany

## Academic Education

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09/2011 - 07/2015 Graduate-Entry Medicine (BMBCh), University of Oxford, UK  
- TU Dresden (Germany), UT MD Anderson Cancer Center (USA), University of Hong Kong (HK)  
10/2008 - 08/2011 Doctor of Philosophy, supervised by Prof. N athke, Molecular Biology, University of Dundee, UK  
09/2007 - 10/2009 Master of Science by Res., Molecular and Cellular Biology, University of Dundee, UK  
10/2004 - 08/2007 Bachelor of Science, Molecular Biotechnology, University of Heidelberg, Germany  
- Victoria University of Wellington (NZ), Deutsches Krebsforschungszentrum (Germany)

## Awards and Fellowships

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05/2017 First poster prize in general gynaecology, annual meeting MGFG, Leipzig, Germany  
02/2015 Women's Visiting Gynaecological Club Prize and the Ethicon Student Elective Award, Royal College of Obstetricians and Gynaecologists, UK  
01/2015 National Scientific Academic Undergraduate Prize (first prize), Royal College of Obstetricians and Gynaecologists, UK  
09/2014 Pembroke College Picot Prize for the clinical rotation, District Hospital, Nanyuki, Kenya  
06/2013 R.G. Collingwood Prize for Academic Excellence, Pembroke College, University of Oxford, UK  
04/2006 - 10/2009 Konrad-Adenauer-Stiftung fellowship, Germany

## Research Funding

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01/2018 - 12/2019 MeDDrive Start, TU Dresden, Germany  
02/2015 Medical Student Research Elective Bursary, Wellbeing of Women, UK  
07/2012 - 07/2014 Research Studentship, Association of Clinical Pathologists, UK  
09/2007 - 09/2011 Wellcome Trust 4-year PhD Studentship, University of Dundee, UK

## Selected Scientific Publications

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Cells of Origin of Ovarian Cancer - Ovarian Surface Epithelium or Fallopian Tube? **Klotz DM** and Wimberger P, Arch Gynecol Obstet. 2017

The conjugated antimetabolite 5-FdU-ECyd and its cellular and molecular effects on platinum-sensitive vs. resistant ovarian cancer cells in vitro, Schott S, Wimberger P, Klink B, Gr utzmann K, Puppe J, Wauer US, **Klotz DM**, Schr ock E, Kuhlmann JD, Oncotarget. 2017 8(44):76935-76948

Salt-Inducible Kinase 2 Couples Ovarian Cancer Cell Metabolism with Survival at the Adipocyte-Rich Metastatic Niche. Miranda F, Mannion D, Liu S, Zheng Y, Mangala LS, Redondo C, Herrero-Gonzalez S, Xu R, Taylor C, Chedom DF, Karaminejadranjbar M, Albukhari A, Jiang D, Pradeep S, Rodriguez-Aguayo C, Lopez-Berestein G, Salah E, Abdul Azeez KR, Elkins JM, Campo L, Myers KA, **Klotz D**, Bivona S, Dhar S, Bast RC Jr, Saya H, Choi HG, Gray NS, Fischer R, Kessler BM, Yau C, Sood AK, Motohara T, Knapp S, Ahmed AA. Cancer Cell. 2016 Aug 8;30(2):273-89

Toward operative *in vivo* fluorescence imaging of c-Met proto-oncogene for personalization of therapy in ovarian cancer. Liu S., Zheng Y., Volpi D, El-Kasti M, **Klotz D**, Tullis I, Henricks A, Campo L, Myers K, Laios A, Thomas P, Ng T, Dhar S, Becker C, Vojnovic B, Ahmed AA, Cancer 2015 Jan 15;121(2):202-13

Colorectal cancer stem cells and their implications for novel anticancer therapy. **Klotz D**, Exp Rev Anticancer Ther, 2013 Apr;13(4):461-8

The adenomatous polyposis coli protein contributes to normal compaction of mitotic chromatin. Dikovskaya D, Khoudoli G, Newton IP, Chadha GS, **Klotz D**, Visvanathan A, Lamond A, Swedlow JR, Näthke IS, PLoS One, 2012, 7(6):e38102

The microtubule poison vinorelbine kills cells independently of mitotic arrest and targets cells lacking the APC tumour suppressor more effectively. **Klotz DM**, Nelson SA, Kroboth K, Newton IP, Radulescu S, Ridgway RA, Sansom OJ, Appleton PL, Näthke IS, J Cell Sci, 2012,125(Pt 4):887-95 9