Prof. Dr. Ingo Nolte

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Date of birth: January 30th, 1952
Small Animal Hospital
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Prof. Dr. Ingo Nolte

Academic studies:
1972-1978
Studies at the Veterinary Faculty of the Justus-Liebig-University Gießen, Germany

May 1978
Appropation as veterinarian

1979-1980
Doctoral thesis at the Institute of Veterinary Pathology (Prof. Dr. R. Rudolph) of the Veterinary Faculty of the Justus-Liebig-University Gießen

November 1980
Doctoral degree with distinction
Studies abroad:
1982
Cambridge Veterinary University, Great Britain

1988
College of Veterinary Medicine of Ohio State University, Columbus, Ohio, USA School of Veterinary Medicine of the University of California, Davis, California, USA
Postdoctoral academic studies:
July 1983
Specialty degree in small animal surgery

April 1987
Habilitation in veterinary internal medicine

May 1987
Specialty degree in small animal internal medicine

August 1995
Diplomate of the European College of Veterinary Internal Medicine (ECVIM)
Academic Appointments:
1979-1980
Scientific Assistant at the Surgical Veterinary Clinic of the Justus-Liebig-University Gießen

1980-1981
Scientific Assistant in General and Experimental Surgery at the Justus-Liebig-University Gießen

1982-1985
Scientific Assistant at the Medical and Forensic Veterinary Clinic of the Justus-Liebig-University Gießen

1985-1988
Assistant Professor at the Veterinary Faculty of the Justus-Liebig-University Gießen

1987
Call for a Professorsship Small Animal Disease (C 4), Freie Universität Berlin (declined)

1988
Professor and Director (until 2011) of the Small Animal Clinic of the University of Veterinary Medicine Hannover

Memberships:

- Board Member of the Small Animal Association of the German Veterinary Medical Society (Deutsche Veterinärmedizinische Gesellschaft, DVG)
- Board Member of the Centre of Biomedical Technology and Innovation e.V., Hannover
- Founder of the Specialist Group Oncology of the German Veterinary Society (Deutsche Veterinärmedizinische Gesellschaft, DVG)
- European College of Veterinary Internal Medicine (ECVIM)
- European College of Veterinary Oncology (ECVON)
- Graduate School of Biomedical Sciences Hannover
- Commission F of the Federal Institut for Risk Assessment (Bundesinstitut für Risikobewertung, BfR formerly BgVV)
- Elected board member of the German Research Foundation (Deutsche
- Forschungsgemeinschaft, DFG) Fachkollegium 207
- President of the Hannoversche Gesellschaft zur Förderung der Kleintiermedizin (HGFK)
- Editorial board of the Journal of Veterinary Science
- Editorial board of the Journal of Veterinary Medicine A
- Editor of the Veterinary Practice (Tierärztliche Praxis)
- Board Member of the SFB 599
- Board Member of the Transregio Research Group (TR SFB 37)
- Board Member of the initiative for a cluster of excellence (Functional Implants)

Evaluated Research Grants since 2000:

1. Member of the collaborative Research Centre (Sonderforschungsbereich 599, DFG, Sustainable Bioresorbable and Permanent Implants of Metallic and Ceramic Materials) Project Leader of Subproject D5 (Optimisation of Tribosystems) and Subproject D6 (Design of Total Endoprostheses)
2. DFG-Schwerpunktprogramm Hochfeld-EPR in Biologie, Chemie und Physik (Geschäfts-Zeichen: Me 990/4-1)
3. DFG-Projekt Untersuchungen zur Bedeutung morphologischer und immunregulatorischer Defekte bei der chronisch-idiopathischen Darmentzündung (Inflammatory Bowel Disease) von Hund und Katze (Geschäfts-Zeichen: HE 1548/4-1 und 4-2)
4. Gesellschaft zur Förderung Kynologischer Forschung e.V., Bonn Forschungsprojekt Immunzytologische Diagnostik von Tumoren des Hundes
5. Gesellschaft zur Förderung Kynologischer Forschung e.V., Bonn Forschungsprojekt Parenterale Ernährung von Hunden
6. Gesellschaft zur Förderung Kynologischer Forschung e.V., Bonn Forschungsprojekt Molekularbiologie und molekulargenetische Untersuchung zur Pathogenese als Basis für eine kausale Therapie der malignen Histiozytose des Hundes in Zusammenarbeit mit der Universität Bremen

Major Research Interests:

- Oncology (Tumor genetics)
- Biomedical Technology (Implants, Prosthetic design)
- Gastroenterology (Inflammatory Bowel Disease)

Selected Publications:

Behrens, B.A., I. Nolte, A. Bouguecha, G. Helms, E. Gerkhardt u. A. Meyer-Lindenberg: Ermittlung der elastischen Eigenschaften der Kompakta im Femur des Hundes. Dt. Tierärztl. Wschr. 2006, 113, 7-10

Meyer-Lindenberg, A., M. Fehr u. I. Nolte: Co-existence of ununited anconeal process and fragmented medial coronoid process of the ulna in the dog. J. Small Anim. Pract. 2006, 47, 61-65

Murua Escobar, H., J.T. Soller, K.A. Sterenczak, J.D.Sperveslage, C.Schlueter, B.Burchhardt, N.Eberle, M.Fork, R.Nimzyk, S.Winkler, I.Nolte und J.Bullerdiek : Cloning and characterization of the canine receptor for advanced glycation end products Gene 2006, Mar 15 (369) 45-52

Murua Escobar, H., T.T. Soller, A. Richter, B.Meyer, S.Winkler, J.Bullerdiek und I.Nolte Best friends Sharing the HMGAI Gene: Cormparison of the human and canine HMGAI to orthologous other species Journal of Heredity 2005, 96 (7), 777-781

Pressel, T., A. Bouguecha, U.Vogt, A.Meyer-Lindenberg,, B.A. Behrens, I.Nolte, H.Windhagen: Mechanical properties of femoral trabecular bone in dogs. BioMedical Engeneering OnLine 2005, 4:17 http: //www.biomedical-engeneering-online.com/content/4/1/17

Culmsee, K., A.D.Gruber, G.von Samson-Himmelstjerna , I. Nolte: Quantification of MDR-1 gene expression in canine tissue by real-time reverse Transcription quantitative polymerase chain reaction Res. Vet. Science 2004 (77) 223-229

Meiboom, M., H. Murua-Escobar, S.Winkler, I.Nolte, J. Bullerdiek: Molecular characterization and mapping of the canine KRAB zinc finger gene ZNF 331 Anim. Genet. 2004; 35(3), 262-263

Meyer, B., H. Murua Escobar, S.Hauke, A.Richter, S.Winkler, P.Rogalla, A.M.Flohr, J.Bullerdiek, I. Nolte: Expression pattern of the HMGB1 gene in sarcomas of the dog Anticancer Res. 2004; 24 (2B), 707-710

Murua-Escobar, H., J.T.Soller, A.Richter, B.Meyer, S.Winkler, A.M.Flohr, I.Nolte, J. Bullerdiek: The canine HMGA1 Gene 2004; 14 (330), 93-99
Winkler, S., H. Murua-Escobar K.Günther, A.Richter, G.Dolf, C.Schelling, J.Bullerdiek, I.

Nolte: The canine KRAS2 gene maps to CFA 22 Anim. Genet. 2004; 35 (4), 350-351
Becker,K., H. Murua Escobar, A.Richter, B. Meyer, I.Nolte, J. Bullerdiek: The canine HMGA1 gene mapos to CFA 23 Animal Genetics 2003 (34) 68-69

Mischke, R., M.Diedrich, I.Nolte: Sensitivity of different prothrombin time assays to factor VII deficiency in canine plasma The Veterinary Journal 2003 (166)79 85

Murua-Escobar, H., B. Meyer, A. Richter, K. Becker, A.M. Flohr, J. Bullerdiek und I. Nolte: Molecular characterization of the canine HMGB1 Cytogenet Genome Res. 2003 (101) 33-38

Supervision of Students:

Since 1984, I have continuously supervised first doctoral candidates for veterinary medicine and since 1988 also postgraduate and PhD students from clinical science disciplines. Altogether more than hundred diploma later also masters and PhD students were supervised in my research group.
I served as a founder and later as a co-speaker of the Collaborative Research Centre (SFB 599 Sustainable Bioresorbable and Permanent Implants of Metallic and Ceramic Materials since 2002).

In 2005, I was one of the founders and chairmen of the Transregional Research Group (TR-SFB 37). I am one of the founder members of the Graduate School at the Veterinary School in Hannover.
In addition, I have served as examiner of PhD and doctoral candidates in various universities of Germany as well as other European universities and overseas, e.g. Bremen, Breslau, Budapest and Rabat.