

General

Name Gabriele Multhoff, Prof. Dr. rer. nat.,
Date of birth 12 January 1961
Address Klinik und Poliklinik für RadioOnkologie und Strahlentherapie
Klinikum rechts der Isar der TU München
Ismaninger Str. 22, 81675 München, Germany
Phone 089 4140 4514
E-mail gabriele.multhoff@tum.de



Academic Education and Degree

1987 - 1991 Prof. D. Schendel, Institute of Immunology, Ludwig-Maximilians University, Munich
Topic: Biochemical and cellular characterization of cytotoxic T cells recognizing self-MHC associated antigens as well as distinct allo-antigens
1982 - 1987 Prof. R. Wank, Institute of Immunology, Ludwig-Maximilians Universität, Munich Topic: Mixed Lymphocyte Cultures (MLC) of leukemic patients and their families
1980 - 1987 Ludwig-Maximilians University, Munich, Biology Diploma

Scientific Degrees

1991 - 1998 Möllemann Habilitation Stipend
Topic: Characterization of therapy-induced modulations on tumor and immunocompetent effector cells: an in vitro model to develop an adjuvant immunotherapy for tumor patients.
1998 Habilitation: GSF – Clinical Cooperation Group (CCG) “Hyperthermia” (Prof. R. Issels)
1987 - 1991 Promotion: Prof. D. Schendel, Institute of Immunology, Ludwig-Maximilians University, Munich
Topic: Biochemical and cellular characterization of cytotoxic T cells recognizing self-MHC associated antigens as well as distinct allo-antigens

Scientific Career

Since 2007 Professorship for Radiooncology/Radiobiology
Technische Universität München, Klinikum rechts der Isar
Head of Clinical Cooperation Group “Innate Immunity in Tumor Biology“ at the Helmholtz Zentrum München, German Research Center of Environmental Health, Munich
2006 - 2008 President of the “Cell Stress Society International” (CSSI)
Since 2003 Consultant Immunologist
2002 - 2007 University Professor for Molecular Oncology at the University Hospital Regensburg
2002 Professorships (2):
University Hospital Charite in Berlin, Tumor and Tumor Metastases and
University Hospital Regensburg, Molecular Oncology
1998 - 2002 Senior scientist of research group NK cells in immunotherapy at the University Hospital Regensburg
1999 Founding of multimmune GmbH (CEO/ CSO)
1990 - 1998 Senior scientist at the University Hospital Großhadern, Med. Klinik III, Ludwig-Maximilians University, Munich and GSF - National Research Center for Environment and Health Munich (CCG Hyperthermie)

Miscellaneous and Awards

2015 CESAR-Award (Central European Society for Anticancer Drug Research)
2012 Prof. Milton Yatwin Award, 7th Biennial Conference of IAHOM
1998 Paula and Richard von Hertwig Award, GSF Helmholtzgemeinschaft
1996 European Society of Hyperthermic Oncology Award, ESHO-BSD
1996 Young Investigator Award at the VII International Congress on Hyperthermic Oncology, ICHO

Since 2016 Editor Elsevier Editorial System (EES) for European Journal of Cell Biology
 Since 2015 Editor Elsevier Editorial System (EES) for Molecular Immunology
 Since 2015 Editor Radiation Oncology
 Since 2015 Editor Annals of Hematology & Oncology
 Since 2014 Wissenschaftlicher Beirat Springer Verlag Zeitschrift Strahlentherapie und Onkologie
 Since 2014 Editor Word Cancer Research Journal
 Since 2013 Editor Molecular & Cellular Oncology
 Since 2012 Editor ISRN Biochemistry
 Since 2012 Editor Frontiers in Immunology
 Since 2010 Editor Journal PloS ONE
 Since 2010 Editor American Journal of Translational Research
 Since 2010 Reviewer DFG
 2006 Book Editor "Heat shock proteins in biology and medicine"
 Since 2005 European Editor: Cell Stress & Chaperones Journal

Memberships

Since 2016 European Association for Cancer Research (EACR)
 Since 2015 Strahlenschutzkommission (SSK) Bundesamt für Strahlenschutz Bonn
 Since 2015 Personalisierte Medizin e. V. m⁴
 Since 2013 Deutsche Gesellschaft für Zytometrie (DGfZ)
 Since 2011 Deutsche Gesellschaft für Radioonkologie e. V. (DEGRO)
 Since 2008 Arbeitskreis der Deutschen Gesellschaft für Immunologie (DGfI) Natürliche Killerzellen
 Since 2007 Central European Society for Anticancer Drug Research-EWIV
 Since 2007 Commissionaire European Commission (EC)
 Since 2006 European Society for Cancer Immunology and Immunotherapy (ESCI)
 Since 2005 International Society of Exercise and Immunology
 Since 2004 Society for Natural Immunity
 Since 2003 American Society for Biochemistry and Molecular Biology (ASBM)
 Since 2003 American Association of Immunologists (AAI)
 Since 2003 German Academic Exchange Service (DAAD)
 Since 2002 Deutsche Gesellschaft für Immunologie
 Since 1999 Cell Stress Society International (CSSI)
 Since 1996 North American Society for Hyperthermic Oncology (NASH)
 Since 1996 European Society of Hyperthermic Oncology (ESHO)
 Since 1993 Deutsche Krebsgesellschaft e.V.
 Since 1992 Deutsche Krebsgesellschaft für Hämatologie und Onkologie (DGHO)

Accepted Patents

- Multhoff G and Botzler C (1997): Human colon carcinoma cell lines with stable Hsp72 expression (DE 196 47 426, Europa 97 119 900.5 ; USA 5,932,478, erteilt)
- Multhoff G and Botzler C (1998): Procedure to induce an NK mediated immune response (DE 198 13 759, Europa 99 105 128.5, Prüfung; USA 6,261,839, erteilt)
- Multhoff G (1998): Application of Hsp70 proteins (Europa 1066050, CA 2,325,735; HK 01104532.6; JP 2000-540844; USA 09/646,835)
- Multhoff G (1999): An Hsp70 peptide stimulating NK cell activity and uses thereof (Europa 01 980 380.8; USA 10/380,408)
- Multhoff G (2002): Nontoxic amounts of protein-aggregating substances stimulates hsp70 expression and function a anti-tumor agents (PCT/EP03/03785; Europa 03 725 013.1)
- Multhoff G (2002): Use of granzyme B as an Hsp70/Hsp70 peptide-dependent inducer of apoptosis in tumor cells (PCT/EP03/09341; Europa 03 792 414.9; JP 2004-530248; USA 10/526,586)
- Multhoff G, Multhoff J (2004): Vorrichtung zur Umwälzung von Zellen, Biologische Materialien, Reaktionsgemische in Inkubatoren (DE 103 13 313.5)
- Multhoff G multimmune GmbH (2004): Compositions and methods for the treatment and diagnosis of neoplastic and infectious diseases (PCT/EP04/013858)
- Multhoff G multimmune GmbH (2004): Therapeutic and diagnostic anti-Hsp70 antibodies (PCT/EP04/013854)
- Multhoff G TUM (2015): Peptide-based compounds and their uses for tumor imaging an targeting EP 14 172 984
- Multhoff G TUM (2015): Quantitative assay for heat shock protein 70(Hsp70) protein in body fluids EP 15 152 725