

Publikationsverzeichnis Prof. Dr. Dr. Nikolai G. Rainov

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RG score: 40,96, h-index: 52, i10-index: 111, citations: 9,653, reads: 24,214

(https://www.researchgate.net/profile/Nikolai_Rainov/scores)

Originalarbeiten (Peer reviewed papers)

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2. **Rainov NG**: Neuropsychologische Untersuchungen bei Patienten mit Hypophysenadenomen. Versuch einer Verbesserung der kognitiven und affektiven Parameter mit dem Neuropeptid Desamino-D-Arginin-Vasopressin. Dissertation, Med. Fakultät der Univ. Halle, 1993, 129 S.
3. **Rainov NG**: Experimentelle Gentherapie maligner ZNS-Tumoren, Habilitationsschrift, Halle, Universität, Med. Fakultät, 1995, 152 S.

Forschungsprojekte als Projektleiter (Principal/Co-Investigator)

1. BMFT: „Entwicklung und Evaluation kausal begründeter Diagnose- und Therapie-verfahren zur Krebsbekämpfung, Teilprojekt „DNA-Gehalt und Wachstumsfraktion maligner Gliome und ihr Einfluß auf Prognose und Wirksamkeit adjuvanter Therapieverfahren,, FKZ 01 ZZ 9105/TV2.7 (1993-1995).
2. Land Sachsen-Anhalt (Kultusministerium): "Zeitlicher Verlauf der p53-Mutationen in rezidivierenden Gliomen", FKZ 1143A101 10023 (1993-1995).
3. BMFT: „Molekulare Alterationen bei malignen Gliomen,, FKZ 01 ZZ 9105 (1994-1995).
4. BMBF: „Induzierte Apoptose bei malignen Gliomen: Interaktionen von *p53* und *bcl2*,, FKZ 01 ZZ9512 (1996-1998).
5. Akademie der Naturforscher Leopoldina: „Experimentelle Gentherapie der malignen Gliome,, (1996 -1997).
6. Novartis Pharma AG, Basel/GTI, Inc., Gaithersburg, MD: A Phase III clinical evaluation of herpes simplex virus type 1 thymidine kinase and ganciclovir gene therapy for previously untreated glioblastoma multiforme in adults (1996-1999)
7. Land Sachsen-Anhalt: "Gentherapie der malignen Gliome". FKZ 015VE1997 (1998)
8. Land Sachsen-Anhalt: "Intravaskuläre Gentherapie der malignen Gliome mit viralen und nichtviralen Vektoren". FKZ 2794A/0087G-H (1998-2001).
9. BMBF/BEO (BioRegio Modellregion Rheinland): "Verfahren für die somatischen Gentherapie", Teilprojekt "Radiation-enhanced gene therapy of neuroectodermal tumors using retrovirus-mediated transfer of the cytochrome *CYP4B1* and an adjuvant strategy for stress response modulation". FKZ 0311661/1402 (1998-2001)
10. E.-Kröner-Fresenius-Stiftung: "Gentherapie des akuten ischämischen Hirninfarktes" (1999-2001)
11. Land Sachsen-Anhalt: "Etablierung eines Großtiermodells als Vorstufe klinischer Studien zur Gentherapie maligner Gliome". FKZ 0075VE0099 (1999-2000).
12. SUGEN Inc., S. Diego, CA: Eine offene, randomisierte und multizentrische Parallelgruppen-Phase-II-Prüfung an Patienten, die nach Erstdiagnose eines primären Glioblastoms, Operation und Strahlentherapie entweder mit SU101 behandelt werden oder die bestmögliche medizinische Versorgung erhalten (1999-2000)

13. Land Sachsen-Anhalt: "Somatische Gentherapie maligner Tumoren des Zentralnervensystems". FKZ 0038FP0099 (2000).
14. Land Sachsen-Anhalt: "Experimentelle Immunogenherapie der malignen Gliome mit Zytokinen und bioaktivierenden Genen (Suizidgenen)". FKZ 3067A/0029G (2000-2002).
15. DFG: Nichtinvasives Imaging von Gentransfer und Genexpression im ZNS“, Ra 705/4-1 (2000-2002)
16. R. Bartling-Stiftung: Immunogenherapie bei ZNS-Tumoren. FKZ II/45 (2000-2001)
17. Neurocrine Inc., S. Diego, CA: IL4 immunotoxin therapy of recurrent malignant glioma (2000-2001)
18. Essex Pharma, München: Orale Chemotherapie höhergradiger Rezidivgliome (2000-2001)
19. Erich und Gertrud Roggenbuck-Stiftung zur Förderung der Krebsforschung, Hamburg: Gamma-Glutamyltransferase-Expression in hirneigenen Tumoren - Einfluss auf biologische Charakteristika der Tumorzellen und therapeutische Anwendung (2001-2003)
20. Research Development Fund of the University of Liverpool: Expression of the anti-apoptotic protein survivin in high grade human glioma. Ref. # 4177 (2002-2003)
21. Optimierung der Funktion der F. Hirtus-Luciferase für den Einsatz als in vivo Reporter gen für Säugerzellen. Wilhelm Roux Programm (NBL3) der MLU Halle, FKZ 2/36 (2002-2003)
22. Identifizierung von tumor-spezifischen Antigenen bei Patienten mit malignen Hirntumoren. Pinguin Stiftung Düsseldorf, Germany (2003-2005). € 50.000
23. PCNSL project Neuropathology – GBP 2.500
24. Noninvasives Imaging des therapeutischen Erfolgs onkolytischer Viren am Beispiel menschlicher Gliome. Else Kröner-Fresenius-Stiftung 2004-2006 € 81.000
25. Noninvasives Imaging des therapeutischen Erfolgs onkolytischer Viren am Beispiel menschlicher Gliome“. Wilhelm-Roux-Programm, M.-Luther Universität Halle, 2005-2006, € 29.318
26. Identifizierung von tumor-spezifischen Antigenen bei Patienten mit malignen Hirntumoren. Jürgen Manchot Stiftung, 2004-2005 € 50.800
27. Identifizierung von Tumor-spezifischen Antigenen bei Patienten mit malignen Hirntumoren. Wilhelm-Roux-Programm, M.-Luther Universität Halle, 2005-2006, € 11.000
28. Molekulare Antagonisierung von Minichromosome Maintenance Protein 3 (MCM3) durch RNA-Interferenz-Einfluss einer Therapie mit MCM3-siRNA auf Zellproliferation und Apoptose humaner Gliomzelllinien. Deutsche Krebshilfe/Dr M Scheel Stiftung für Krebsforschung, 2006-2007, € 80.400

Wissenschaftliche Gutachtertätigkeit

Member of the Editorial Board and Section Editor (Emerging Biotherapeutic Technologies) of “*Expert Opinion on Biological Therapy*”, Ashley Publ. Ltd. (2001 ff.)
 Member of the Editorial Board of “*Genetic Vaccines and Therapy*” (2003 ff.)
 Member of the Editorial Board of “*Cancer Therapy*” (2004-ff.)

Member of the Editorial Board of “*Reviews on Recent Clinical Trials*” (2005 ff.)
 Member of the Editorial Board of “*Chinese Journal of Clinicians (International)*” (2010-2014)
 Member of the Editorial Board of “*World Journal of Experimental Medicine*” (2011-2015)
 Member of the Editorial Board of “*World Journal of Methodology*” (2013-2015)
 Member of the Editorial Board of “*ISRN Neurology*” (2013-2015)
 Member of the Editorial Board of “*Ukrainian Neurosurgery*” (2018-ff.)

Ad hoc reviewer:

Human Gene Therapy
 Gene Therapy
 Biotechnology Progress
 Cancer Gene Therapy
 Current Cancer Drug Targets
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 Journal of the American Medical Association (JAMA)
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Betreuung von Promotionsarbeiten als Supervisor

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