

## GIORDANO, FRANK A., PD DR. MED.

### GENERAL INFORMATION



**Attending Radiation Oncologist, Head, Translational Radiation Oncology**  
Mannheim Medical Faculty, University of Heidelberg,  
Dept. of Radiation Oncology, Translational Radiation Oncology,  
Theodor-Kutzer-Ufer 1-3, D-68167 Mannheim, Germany

B05

### ACADEMIC EDUCATION & QUALIFICATION

Year(s)	Education
2016	Board Certification, Radiation Oncology
2009	USMLE Step 3
2008	ECFMG Certificate
2008	USMLE Step 2 CS
2007	German Medical Licensure (MD)
2006	USMLE Step 2 CK
2005	USMLE Step 1 (Top 9% of graduates)

### SCIENTIFIC EDUCATION & QUALIFICATION

Year(s)	Education
2019-	Interim Chair, Dept. of Radiation Oncology, University Medical Center Mannheim
2018	Vice Chair, Dept. of Radiation Oncology, University Medical Center Mannheim
2017	Habilitation in Radiation Oncology, Mannheim Medical Faculty, University of Heidelberg
2008	MD thesis (Dr. med.), German Cancer Research Center (magna cum laude)
2008-2009	Physician Scientist, German Cancer Research Center (with Jens Zeller) and Department of Hematology and Oncology, University of Heidelberg (with Anthony Ho)
2007	Undergrad Researcher, Immunology, University of Utrecht (with Frank Miedema)
2006-2007	Undergrad Researcher, Hematology, Memorial Sloan Kettering Cancer Center (with Marcel van den Brink and Juliet Barker)
2002-2006	Undergrad Researcher, German Cancer Research Center (with Jens Zeller) and Department of Hematology and Oncology, University of Heidelberg (with Anthony Ho)

### PROFESSIONAL EXPERIENCE

Year(s)	Experience
2019-	Steering Committee, Interdisciplinary Tumor Center Mannheim (ITM)
2017-	Attending Radiation Oncologist, Medical Faculty Mannheim, University of Heidelberg
2017-	Program coordinator, MSc "Medical Physics" and MSc "Biomedical Engineering", Medical Faculty Mannheim, University of Heidelberg
2015-	Head, Translational Radiation Oncology, University Medical Center Mannheim
2012-2016	Radiation Oncologist/Physician Scientist, Dept. of Radiation Oncology, University Medical Center Mannheim
2010-2012	Physician Scientist, National Center for Tumor Diseases (with Christof von Kalle) Heidelberg

### OTHER QUALIFICATIONS/ROLES/RESPONSIBILITIES

Year(s)	Award
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2018	Else-Kröner Fresenius Excellence Fellowship
2017	Honorary Member, Spanish Society of Radiation Oncology (SEOR)
2015	ASTRO Translational Science Abstract Award
2013	DEGRO Anna-Hamann travel award
2010	Peter and Traudl Engelhorn Fellowship (for 2 years)
2006	McKinsey EuroAcademy Athens (invited)
2005-	Multiple travel awards (EU/Marie Curie Actions, ISCT)

## SELECTED PUBLICATIONS

- Gomarteli K, Fleckenstein J, Kirschner S, Bobu V, Brockmann MA, Henzler T, Meyer M, Riffel P, Schönberg SO, Veldwijk MR, Kränzlin B, Hoerner C, Glatting G, Wenz F, Herskind C, Giordano FA. Radiation-induced malignancies after intensity-modulated versus conventional mediastinal radiotherapy in a small animal model. **Sci Rep**. 2019 Oct 29;9(1):15489.
- Giordano FA, Brehmer S, Mürle B, Welzel G, Sperk E, Keller A, Abo-Madyan Y, Scherzinger E, Clausen S, Schneider F, Herskind C, Glas M, Seiz-Rosenhagen M, Groden C, Hänggi D, Schmiedek P, Emami B, Souhami L, Petrecca K, Wenz F. Intraoperative Radiotherapy in Newly Diagnosed Glioblastoma (INTRAGO): An Open-Label, Dose-Escalation Phase I/II Trial. **Neurosurgery** 2018 Mar 8. doi: 10.1093/neuros/nyy018. [Epub ahead of print]
- Herskind C, Wenz F, Giordano FA. Immunotherapy Combined with Large Fractions of Radiotherapy: Stereotactic Radiosurgery for Brain Metastases-Implications for Intraoperative Radiotherapy after Resection. **Front Oncol** 2017;7:147
- Kirschner S, Mürle B, Felix M, Arns A, Groden C, Wenz F, Hug A, Glatting G, Kramer M, Giordano FA\*, Brockmann MA\*. Imaging of Orthotopic Glioblastoma Xenografts in Mice Using a Clinical CT Scanner: Comparison with Micro-CT and Histology. **PLoS One** 2016;11(11):e0165994
- Felix MC, Glatting G, Giordano FA, Brockmann MA, Wenz F, Fleckenstein J. Collimator optimization for small animal radiation therapy at a micro-CT. **Z Med Phys** 2017;27(1):56-64
- Kübler J, Kirschner S, Hartmann L, Welzel G, Engelhardt M, Herskind C, Veldwijk MR, Schultz C, Felix M, Glatting G, Maier P, Wenz F, Brockmann M\*, Giordano FA\*. The HIV-derived protein Vpr52-96 has anti-glioma activity in vitro and in vivo. **Oncotarget** 2016;7(29):45500-45512
- Welzel G, Gehweiler J, Brehmer S, Appelt JU, von Deimling A, Seiz-Rosenhagen M, Schmiedek P, Wenz F, Giordano FA. Metronomic chemotherapy with daily low-dose temozolomide and celecoxib in elderly patients with newly diagnosed glioblastoma multiforme: a retrospective analysis. **J Neurooncol** 2015;124(2):265-73
- Felix MC, Fleckenstein J, Kirschner S, Hartmann L, Wenz F, Brockmann MA, Glatting G\*, Giordano FA\*. Image-Guided Radiotherapy Using a Modified Industrial Micro-CT for Preclinical Applications. **PLoS One** 2015;10(5):e0126246
- Kirschner S, Felix MC, Hartmann L, Bierbaum M, Maros ME, Kerl HU, Wenz F, Glatting G, Kramer M, Giordano FA\*, Brockmann MA\*. In vivo micro-CT imaging of untreated and irradiated orthotopic glioblastoma xenografts in mice: capabilities, limitations and a comparison with bioluminescence imaging. **J Neurooncol** 2015;122(2):245-54
- Giordano FA, Brehmer S, Abo-Madyan Y, Welzel G, Sperk E, Keller A, Schneider F, Clausen S, Herskind C, Schmiedek P, Wenz F. INTRAGO: intraoperative radiotherapy in glioblastoma multiforme—a phase I/II dose escalation study. **BMC Cancer** 2014;14:992

## PATENTS

- Giordano, Ahlgrimm, Benker: Radiation Therapy with Immune Response Monitoring (US2213235.121US1) (pending)