



INFORMAZIONI PERSONALI

Frank Lohr

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ESPERIENZA
PROFESSIONALE

01/01/2024 alla data attuale Nome e indirizzo istituzione	Director/Direttore UO Protonterapia, APSS Trento APSS Trento, Via Al Desert n.14, 38123 Trento (>330pts/year, all PT techniques performed)
01/01/2024 alla data attuale Nome e indirizzo istituzione	Associated Professor/Professore Associato UniTn, Trento
01/01/2016 -31/12/2023 Nome e indirizzo istituzione	Direttore/Director UO Radioterapia, Dipartimento di Oncologia Azienda Ospedaliero-Universitaria di Modena - Policlinico - Via del Pozzo 71 – Modena (2000pts/year in main and satellite center, all RT techniques performed)
01/03/2019-31/12/2023 Nome e indirizzo istituzione	Professore Associato/Associated Professor UniMoRe, Modena
12/2019 alla data attuale Nome e indirizzo istituzione	Direttore Scuola di Specializzazione in Radioterapia/Director Residency Program RadOnc UniMoRE, Modena
01/01/2013 – 2019 Nome e indirizzo istituzione	Co-Director ESTRO Course "IMRT and other conformal Radiotherapy Techniques" European Society for Radiotherapy & Oncology - - Brussels
15/11/2005 - 31/12/2015 Nome e indirizzo istituzione	Adjunct Professor University of Heidelberg - Grabengasse 1 – Heidelberg
01/01/2002 - 31/12/2015 Nome e indirizzo istituzione	Attending Physician/Dirigente Medico Dpt. of Radiotherapy, University Medical Center Mannheim, Germany
15/06/1998 - 15/06/2000 Nome e indirizzo istituzione	Postdoctoral Fellow/Ricercatore all'estero Duke University, Durham, North Carolina, USA
01/07/1992 - 30/05/1998 01/06/2000 - 31/12/2002 Nome e indirizzo istituzione	Resident Training in Radiotherapy/Specializzando in radioterapia Resident Training in Radiotherapy/Specializzando in radioterapia Dept. of Radiotherapy, University of Heidelberg (Board Certification in Radiotherapy 01/02)

ISTRUZIONE E FORMAZIONE

2017	Abilitazione (Italiana), Prima e Seconda fascia	MIUR
1993 and 2002	Tesi di Dottorato e Habilitation (Versione Tedesca),	University of Heidelberg
1985-1992	Medical School/Scuola di Medicina,	University of Heidelberg
1976-1985	High-School Diploma/Liceo /Abitur	THS, Homberg, Germany

COMPETENZE PERSONALI

Lingua madre Tedesco

Lingue straniere	COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C2	C2	C2	C2	C2
Francese	B1	C1	A2	A2	A2
Italiano	C1	C1	C1	C1	C1

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato
 Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative >30 years of experience of collaboration in multidisciplinary settings
 Competenze organizzative e gestionali >20 years as vice director and director of academic radiotherapy departments

Competenze digitali

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi

Competenze digitali - Scheda per l'autovalutazione

Conoscenza degli applicativi Microsoft e del pacchetto Office

Altre competenze

- Patente di guida A, B, C1

ULTERIORI INFORMAZIONI

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.

Allegati: Bibliografia

- *Articles/Articoli peer reviewed with/con >100 citazioni*
- *Articoli peer reviewed (withouth abstract/senza abstract)*
- *Books/Libri*
- *Third party funding/Finanziamenti terze parti*

Articles in peer-reviewed journals with >100 citations

Articoli in giornali peer-reviewed con >100 citazioni

Scopus EXPORT, 1.12.2024

14 manuscripts with >100 citations, 26 manuscripts with >50 citations

14 manoscritti con >100 citazioni, 26 manoscritti con >50 citazioni

Herfarth, K.K., Debus, J., Lohr, F., Bahner, M.L., Rhein, B., Fritz, P., Höss, A., Schlegel, W., Wannenmacher, M.F.

Stereotactic single-dose radiation therapy of liver tumors: Results of a phase I/II trial

(2001) Journal of Clinical Oncology, 19 (1), pp. 164-170. **Cited 433 times.**

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[0035154735&doi=10.1200%2fJCO.2001.19.1.164&partnerID=40&md5=ff3a7f62059c08ffb96114c677378c36](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035154735&doi=10.1200%2fJCO.2001.19.1.164&partnerID=40&md5=ff3a7f62059c08ffb96114c677378c36)

Pirzkall, A., Debus, J., Lohr, F., Fuss, M., Rhein, B., Engenhart-Cabillic, R., Wannenmacher, M. Radiosurgery alone or in combination with whole-brain radiotherapy for brain metastases

(1998) Journal of Clinical Oncology, 16 (11), pp. 3563-3569. **Cited 314 times.**

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Wolff, D., Stieler, F., Welzel, G., Lorenz, F., Abo-Madyan, Y., Mai, S., Herskind, C., Polednik, M., Steil, V., Wenz, F., Lohr, F.

Volumetric modulated arc therapy (VMAT) vs. serial tomotherapy, step-and-shoot IMRT and 3D-conformal RT for treatment of prostate cancer

(2009) Radiotherapy and Oncology, 93 (2), pp. 226-233. **Cited 273 times.**

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350502597&doi=10.1016%2fj.radonc.2009.08.011&partnerID=40&md5=5ae3fd215b6c6e89f590717768eb7c6e)

[70350502597&doi=10.1016%2fj.radonc.2009.08.011&partnerID=40&md5=5ae3fd215b6c6e89f590717768eb7c6e](https://www.scopus.com/inward/record.uri?eid=2-s2.0-70350502597&doi=10.1016%2fj.radonc.2009.08.011&partnerID=40&md5=5ae3fd215b6c6e89f590717768eb7c6e)

Herfarth, K.K., Debus, J., Lohr, F., Bahner, M.L., Fritz, P., Höss, A., Schlegel, W., Wannenmacher, M.F.

Extracranial stereotactic radiation therapy: Set-up accuracy of patients treated for liver metastases

(2000) International Journal of Radiation Oncology Biology Physics, 46 (2), pp. 329-335.

Cited 171 times.

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Boda-Heggemann, J., Lohr, F., Wenz, F., Flentje, M., Guckenberger, M.

kV cone-beam CT-based IGRT

(2011) Strahlentherapie und Onkologie, 187 (5), pp. 284-291. **Cited 156 times.**

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960313918&doi=10.1007%2fs00066-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960313918&doi=10.1007%2fs00066-011-2236-4&partnerID=40&md5=5767fd8f92926382c5b73def7fe8a5c4)

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Deep Inspiration Breath Hold - Based Radiation Therapy: A Clinical Review

(2016) International Journal of Radiation Oncology Biology Physics, 94 (3), pp. 478-492.

Cited 146 times.

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[84963741954&doi=10.1016%2fj.ijrobp.2015.11.049&partnerID=40&md5=cbf2191e65652d76fa052c843015a297](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84963741954&doi=10.1016%2fj.ijrobp.2015.11.049&partnerID=40&md5=cbf2191e65652d76fa052c843015a297)

Pirzkall, A., Carol, M., Lohr, F., Höss, A., Wannenmacher, M., Debus, J.

Comparison of intensity-modulated radiotherapy with conventional conformal radiotherapy for complex-shaped tumors

(2000) International Journal of Radiation Oncology Biology Physics, 48 (5), pp. 1371-1380. **Cited**

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Herfarth, K.K., Hof, H., Bahner, M.L., Lohr, F., Höss, A., Van Kaick, G., Wannenmacher, M., Debus, J.

Assessment of focal liver reaction by multiphasic CT after stereotactic single-dose radiotherapy of liver tumors

(2003) International Journal of Radiation Oncology Biology Physics, 57 (2), pp. 444-451.

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Huang, Q., Hu, J.K., Lohr, F., Zhang, L., Braun, R., Lanzen, J., Little, J.B., Dewhirst, M.W., Li, C.-Y.

Heat-induced gene expression as a novel targeted cancer gene therapy strategy

(2000) Cancer Research, 60 (13), pp. 3435-3439. **Cited 122 times.**

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Lohr, F., Lo, D.Y., Zaharoff, D.A., Hu, K., Zhang, X., Li, Y., Zhao, Y., Dewhirst, M.W., Yuan, F., Li, C.-Y.

Effective tumor therapy with plasmid-encoded cytokines combined with in vivo electroporation

(2001) Cancer Research, 61 (8), pp. 3281-3284. **Cited 116 times.**

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035870252&partnerID=40&md5=c5a82dd7d62af9757fcff03a30c5aee8)

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Lohr, F., Debus, J., Frank, C., Herfarth, K., Pastyr, O., Rhein, B., Bahner, M.L., Schlegel, W., Wannenmacher, M.

Noninvasive patient fixation for extracranial stereotactic radiotherapy

(1999) International Journal of Radiation Oncology Biology Physics, 45 (2), pp. 521-527.

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[3016%2899%2900190-X&partnerID=40&md5=aa38a4d189093528d63b3f2e7c16a3d8](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0032817892&doi=10.1016%2fS0360-3016%2899%2900190-X&partnerID=40&md5=aa38a4d189093528d63b3f2e7c16a3d8)

Triggiani, L., Alongi, F., Buglione, M., Detti, B., Santoni, R., Bruni, A., Maranzano, E., Lohr, F., D'Angelillo, R., Magli, A., Bonetta, A., Mazzola, R., Pasinetti, N., Francolini, G., Ingrosso, G., Trippa, F., Fersino, S., Borghetti, P., Ghirardelli, P., Magrini, S.M.

Efficacy of stereotactic body radiotherapy in oligorecurrent and in oligoprogressive prostate cancer: New evidence from a multicentric study

(2017) British Journal of Cancer, 116 (12), pp. 1520-1525. **Cited 107 times.**

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Lohr, F., El-Haddad, M., Dobler, B., Grau, R., Wertz, H.-J., Kraus-Tiefenbacher, U., Steil, V., Madyan, Y.A., Wenz, F.

Potential Effect of Robust and Simple IMRT Approach for Left-Sided Breast Cancer on Cardiac Mortality

(2009) International Journal of Radiation Oncology Biology Physics, 74 (1), pp. 73-80. **Cited 107 times.**

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[64049097133&doi=10.1016%2fj.ijrobp.2008.07.018&partnerID=40&md5=16e6e549453597b189f1efbd5036ffdb](https://www.scopus.com/inward/record.uri?eid=2-s2.0-64049097133&doi=10.1016%2fj.ijrobp.2008.07.018&partnerID=40&md5=16e6e549453597b189f1efbd5036ffdb)

Fuss, M., Debus, J., Lohr, F., Huber, P., Rhein, B., Engenhart-Cabillic, R., Wannenmacher, M. Conventionally fractionated stereotactic radiotherapy (FSRT) for acoustic neuromas

(2000) International Journal of Radiation Oncology Biology Physics, 48 (5), pp. 1381-1387. **Cited 107 times.**

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034565914&doi=10.1016%2fS0360-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-0034565914&doi=10.1016%2fS0360-3016%2800%2901361-4&partnerID=40&md5=2e6a4a4a3922c704cf792919d1bc87d5)

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Articles in peer reviewed journals/Articoli in giornali peer-reviewed

243 peer-reviewed manuscripts, published and verified (without abstracts etc.)
H-Index (Scopus): 43 (1.12.2024). Extraction: 2020-2024

243 manoscritti peer-reviewed, pubblicati e verificati (esclusi abstract etc.)
H-Index (Scopus): 43 (1.12.2024). Estrazione: 2020-2024

De Rose F, Carmen De Santis M, Lucidi S, Ray Colciago R, Marino L, Cucciarelli F, La Rocca E, Di Pressa F, Lohr F, Vanoni V, Meduri B.

Dose constraints in breast cancer radiotherapy. A critical review.

Radiother Oncol. 2024 Oct 19;202:110591. Online ahead of print. PMID: 39427931

DOI: 10.1016/j.radonc.2024.110591

Di Pressa F, Perrone F, Benini A, Lohr F, Tiseo M, Bruni A.

Management of oligometastatic and oligoprogressive epidermal growth factor receptor mutated non-small cell lung cancer patients: state of the art of a combined approach.

Explor Target Antitumor Ther. 2024;5(3):449-464 Epub 2024 May 17

DOI: 10.37349/etat.2024.00228

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Surface guidance compared with ultrasound-based monitoring and diaphragm position in cone-beam computed tomography during abdominal stereotactic radiotherapy in breath-hold.

Phys Imaging Radiat Oncol. 2023 Jun 5;27:100455.. eCollection 2023 Jul. PMID: 37720462

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Manco L, Vega K, Maffei N, Gutierrez MV, Cenacchi E, Bernabei A, Bruni A, D'angelo E, Meduri B, Lohr F, Guidi G.

Validation of RayStation Monte Carlo dose calculation algorithm for multiple LINACs.

Phys Med. 2023 May;109:102588. doi: 10.1016/j.ejmp.2023.102588. Epub 2023 Apr 18. PMID: 37080156

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Mattioli F, Lo Manto A, Miglio M, Serafini E, Rossi D, Valerini S, Tonelli R, Fermi M, Pugliese G, Bertolini F, D'Angelo E, Depenni R, Dominici M, Lohr FRH, Marchioni D.

Oropharyngeal squamous cell carcinoma: Prognostic factors for development of distant metastases and oncological outcomes.

Head Neck. 2023 Jun;45(6):1406-1417. Epub 2023 Apr 11. PMID: 37040549

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Long-term characterization of MRI-morphologic alterations after active motion-compensated liver SBRT: a multi-institutional pooled analysis.

Acta Oncol. 2023 Mar;62(3):281-289.. Epub 2023 Apr 5.

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Bruni A, Bertolini F, D'Angelo E, Guaitoli G, Imbrescia J, Cappelli A, Guidi G, Stefani A, Dominici M, Lohr F.

Oligorecurrent Non-Small-Cell Lung Cancer Treated by Chemo-Radiation Followed by Immunotherapy and Intracranial Radiosurgery: A Case Report and Mini Review of Literature.

Int J Mol Sci. 2023 Jan 18;24(3):1892.

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Cozzi S, Bruni A, Ruggieri MP, Borghetti P, Scotti V, Franceschini D, Fiore M, Taraborrelli M, Salvi F, Galaverni M, Savoldi L, Braglia L, Botti A, Finocchi Gheri S, Niccolò GL, Lohr F, Iotti C, Ciammella P.

Thoracic Radiotherapy in Extensive Disease Small Cell Lung Cancer: Multicenter Prospective Observational TRENDS Study

Cancers (Basel). 2023 Jan 10;15(2):434.

DOI: 10.3390/cancers15020434.

Meduri B, Baldissera A, Iotti C, Scheijmans LJEE, Stam MR, Parisi S, Boersma LJ, Ammendolia I, Koiter E, Valli M, Scandolaro L, Busz D, Stenfort Kroese MC, Ciabatti S, Giacobazzi P, Ruggieri MP, Engelen A, Munafò T, Westenberg AH, Verhoeven K, Vicini R, D'Amico R, Lohr F, Bertoni F, Poortmans P, Frezza GP.

Cosmetic Results and Side Effects of Accelerated Partial-Breast Irradiation Versus Whole-Breast Irradiation for Low-Risk Invasive Carcinoma of the Breast: The Randomized Phase III IRMA Trial.

J Clin Oncol. 2023 Apr 20;41(12):2201-2210. doi: 10.1200/JCO.22.01485. Epub 2023 Jan 9.

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Malavasi, V.L., Imberti, J.F., Tosetti, A., Romiti, G., Vitolo, M., Zecchin, M., Mazzeo, E., Giuseppina, D.M., Lohr, F., Lopez-Fernandez, T., Boriani, G.

A systematic review and meta-analysis on oncological radiotherapy in patients with a cardiac implantable electronic device: Prevalence and predictors of device malfunction in 3121 patients (2023) European Journal of Clinical Investigation, 53 (1), art. no. e13862, .

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[85137568326&doi=10.1111%2fec1.13862&partnerID=40&md5=461fe5f63bcf9b09ce90c984e5159c1f](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137568326&doi=10.1111%2fec1.13862&partnerID=40&md5=461fe5f63bcf9b09ce90c984e5159c1f)

DOI: 10.1111/eci.13862

Di Rito, A., Fiorica, F., Carbonara, R., Di Pressa, F., Bertolini, F., Mannavola, F., Lohr, F., Sardaro, A., D'Angelo, E.

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