

Frantz Rom Poulsen
Klinisk Institut
KI, OUH, Forskningsenhed for Neurokirurgi (Odense)
E-mail: frpoulsen@health.sdu.dk

Ansættelse

Klinisk Institut

SDU

4. apr. 2024 → 31. okt. 2026

Forskningsleder

KI, OUH, Forskningsenhed for Neurokirurgi (Odense)

SDU

4. apr. 2024 → 31. okt. 2026

CV

EDUCATION

01-06-1999 MD, SDU

01-04-2003 PhD, SDU

01-09-2010 Specialist in Neurosurgery

01-11-2016 Professor in Neurosurgery

POSITIONS – RECENT

2018 Neurosurgical editor on “Læge- og Patient håndbogen”

2017 Head of BRIDGE (Brain Research – Inter-Disciplinary-Guided-Excellence) at OUH/SDU

2016 Consultant and professor in Neurosurgery, Department of Neurosurgery, OUH

2011 Consultant, ass. prof., head of research, Department of Neurosurgery, OUH

SCIENTIFIC ACTIVITIES

SUPERVISION OF STUDENTS: Supervisor of 1 PhD student, co-advisor on 4 PhD students, supervisor of 5 pregraduate student and numerous candidate speciality students

SCIENTIFIC FOCUS AREAS: Treatment of primary brain tumors, skull base tumors and pituitary tumors. Molecular mechanisms in malignant gliomas. Chronic subdural hematomas. Cerebral metabolism

NATIONAL AND INTERNATIONAL RELATIONS/COLLABORATORS: Departments of Neuropathology, Infectious Medicine, Nuclear Medicine, Radiology and Neurology, OUH. The neurosurgical departments in Ålborg, Århus and Copenhagen. Initiator of West-Danish Neurosurgical Research Collaboration. Neurosurgical departments of Tromsø, Trondheim, Göteborg and Regensburg

MANAGEMENT EXPERIENCE: Head of research at Department of Neurosurgery since June 2011. Board member and chairman of scholar stipend committee Danish Society for Neurosurgery. Research Management Course 2015. Head of BRIDGE

REFEREE WORK AND EVALUATION COMMITTEES: Referee for several international journals including Lancet and NEJM

ACADEMIC AWARDS AND HONOURS: Price winner at Neurosurgical test, Beitostølen, Norway

Publikationer

Patterns of care and survival in patients with multifocal glioblastoma: A Danish cohort study

Trip, A. K., Dahlrot, R. H., Haslund, C. A., Muhic, A., Korshøj, A. R., Laursen, R. J., Poulsen, F. R., Skjøth-Rasmussen, J. & Lukacova, S., 1. aug. 2024, I: Neuro-Oncology Practice. 11, 4, s. 421-431

Optimal drainage time after evacuation of chronic subdural haematoma (DRAIN TIME 2): a multicentre, randomised, multiarm and multistage non-inferiority trial in Denmark

Hjortdal Grønhøj, M., Jensen, T. S. R., Miscov, R., Sindby, A. K., Debrabant, B., Hundsholt, T., Bjarkam, C. R., Bergholt, B., Fugleholm, K., Poulsen, F. R. & DACSUHS group, aug. 2024, I: The Lancet Neurology. 23, 8, s. 787-796

Prompt closure versus gradual weaning of external ventricular drain for hydrocephalus following aneurysmal subarachnoid haemorrhage: a statistical analysis plan for the DRAIN randomised clinical trial

Capion, T., Lilja-Cyron, A., Juhler, M., Møller, K., Sorteberg, A., Rønning, P. A., Poulsen, F. R., Wismann, J., Schack, A. E., Ravlo, C., Isaksen, J., Lindschou, J., Gluud, C., Mathiesen, T. & Olsen, M. H., 15. jul. 2024, I: Trials. 25, 9 s., 479.

Prognostic factors to predict postoperative survival in patients with recurrent glioblastoma

Hansen, S. T., Jacobsen, K. S., Kofoed, M. S., Petersen, J. K., Boldt, H. B., Dahlrot, R. H., Schulz, M. K. & Poulsen, F. R., jul. 2024, I: World Neurosurgery: X. 23, 6 s., 100308.

Treatment of meningiomas involving the optic canal with endoscopic transnasal decompression of the optic nerve

Munk Bang, M., Schou Andersen, M. C., Poulsen, F. R., Bonde Pedersen, C., Darling, P., Jakobsen, J., Bechtold, D., Dehghani Molander, L., Hedegaard Dahlrot, R., Nguyen, N. & Halle, B., jul. 2024, I: World Neurosurgery. 187, s. e629-e637

Behandling af kronisk subduralt hæmatom

Jensen, T. S. R., Grønhøj, M. H., Miscov, R., Sindby, A. K. R., Poulsen, F. R., Bjarkam, C. R., Bergholt, B. & Fugleholm, K., 24. jun. 2024, I: Ugeskrift for Læger. 186, 13, V10230628.

Idiopathic normal pressure hydrocephalus: Validation of the DESH score as a prognostic tool for shunt surgery response

Jóhannsdóttir, A. M., Pedersen, C. B., Munthe, S., Poulsen, F. R. & Jóhannsson, B., jun. 2024, I: Clinical Neurology and Neurosurgery. 241, 5 s., 108295.

Forhøjet intrakranielt tryk ved akut bakteriel meningitis

Hvas, C. L., Andersen, Å. B., Møller, K., Hansen, K., Poulsen, F. R. & Overgaard-Steensen, C., 1. apr. 2024, I: Ugeskrift for Læger. 186, 7, V06230363.

Reliability and performance of the IRRAflow® system for intracranial lavage and evacuation of hematomas—A technical note

Haldrup, M., Nazari, M., Gu, C., Rasmussen, M., Dyrskog, S., Simonsen, C. Z., Grønhøj, M., Poulsen, F. R., Rehman, N. U. & Korshøj, A. R., apr. 2024, I: PLOS ONE. 19, 4, 15 s., e0297131.

PDP type brain tumor in association with multiple endocrine neoplasia type 1

Einarsson, H. B., Frederiksen, A. L., Pedersen, I. S., Ettrup, M. S., Wirenfeldt, M., Boldt, H., Nguyen, N., Andersen, M. S., Bjarkam, C. R. & Poulsen, F. R., 30. mar. 2024, I: Heliyon. 10, 6, 10 s., e27418.

Evaluating the Efficacy of Perfusion MRI and Conventional MRI in Distinguishing Recurrent Cerebral Metastasis from Brain Radiation Necrosis

Schack, A., Aunan-Diop, J. S., Gerhardt, F. A., Pedersen, C. B., Halle, B., Kofoed, M. S., Markovic, L., Wirenfeldt, M. & Poulsen, F. R., 27. mar. 2024, I: Brain Sciences. 14, 4, 13 s., 321.

Intrakranielle ventrikulære shunts

Tubæk Nielsen, E., Nortvig, M. J., Munthe, S. K. A., Pedersen, C. B., Poulsen, F. R. & Andersen, M. C. S., 11. mar. 2024, (E-pub ahead of print) I: Ugeskrift for Læger. V08230515.

Fokuseret ultralyd til behandling af hjernetumorer

Schack, A., Pedersen, C. B., Oettingen, G. V., Dahlrot, R. H., Cortnum, S., Korshøj, A. R. & Poulsen, F. R., 19. feb. 2024, I: Ugeskrift for Læger. 186, 4, V01230007.

Brug af biomarkører til risikovurdering af lette hovedtraumer

Jochumsen, E. A., Rosenlund, C. & Poulsen, F. R., 5. feb. 2024, I: Ugeskrift for Læger. 186, 3, V04230257.

Intraoperative Irrigation and Risk of Chronic Subdural Hematoma Recurrence

Schack, A., Rønn Jensen, T. S., Jensen, M. H., Miscov, R., Sindby, A. K., Fugleholm, K., Bergholt, B., Bjarkam, C. R., Poulsen, F. R. & Grønhøj, M. H., 1. feb. 2024, I: Operative Neurosurgery. 26, 2, s. 203-212

Descriptive registry study on outcome and complications of external ventricular drainage treatment of intraventricular haemorrhage in a Danish cohort: a study protocol

Gu, C., Haldrup, M., Rasmussen, M., Dyrskog, S., Simonsen, C. Z., Grønhøj, M. H., Poulsen, F. R., Busse, T., Wismann, J., Debrabant, B. & Korshøj, A. R., 18. jan. 2024, I: BMJ Open. 14, 1, s. e075997 5 s.

Genome-Wide DNA Methylation Profiling as a Prognostic Marker in Pituitary Adenomas-A Pilot Study

Winkler Møller, M., Skovsager Andersen, M., Halle, B., Pedersen, C. B., Boldt, H. B., Tan, Q., Jurmeister, P. S., Herrgott, G., Castro, A. V., Petersen, J. K. & Poulsen, F. R., 2024, I: *Cancers*. 16, 12, 2201.

The Influence of Size on the Intracranial Distribution of Biomedical Nanoparticles Administered by Convection-enhanced Delivery in Minipigs

Amirrahedi, M., Jensen, A. I., Tang, Q., Straathof, N. J. W., Ravn, K., Pedersen, C. G. T., Langhorn, L., Poulsen, F. R., Woolley, M., Johnson, D., Williams, J., Kidd, C., Thisgaard, H. & Halle, B., 2024, I: *ACS Nano*. 18, 27, s. 17869–17881

Ventriculosinus shunt: a pilot study to investigate new technology to treat hydrocephalus and mimic physiological principles of cerebrospinal fluid drainage

Munthe, S., Pedersen, C. B., Poulsen, F. R., Andersen, M. S. & Børgesen, S. E., 1. nov. 2023, I: *Journal of Neurosurgery*. 139, 5, s. 1412-1419

Meningioma animal models: a systematic review and meta-analysis

Andersen, M. S., Kofoed, M. S., Paludan-Müller, A. S., Pedersen, C. B., Mathiesen, T., Mawrin, C., Wirenfeldt, M., Kristensen, B. W., Olsen, B. B., Halle, B. & Poulsen, F. R., 28. okt. 2023, I: *Journal of Translational Medicine*. 21, 764.

USP25 inhibits neuroinflammatory responses after cerebral ischemic stroke by deubiquitinating TAB2

Li, Z., Li, B., Lambertsen, K. L., Clausen, B. H., Zhu, Z., Du, X., Xu, Y., Poulsen, F. R., Halle, B., Pedersen, C. B., Chen, M., Wang, X., Schlüter, D., Huang, J., Waisman, A., Song, W. & Wang, X., 6. okt. 2023, I: *Advanced Science*. 10, 28, 15 s. , 2301641.

Intraventricular Lavage vs External Ventricular Drainage for Intraventricular Hemorrhage: A Randomized Clinical Trial

Haldrup, M., Rasmussen, M., Mohamad, N., Dyrskog, S., Thorup, L., Mikic, N., Wismann, J., Grønhøj, M., Poulsen, F. R., Nazari, M., Rehman, N. U., Simonsen, C. Z. & Korshøj, A. R., 2. okt. 2023, I: *JAMA Network Open*. 6, 10, e2335247.

Inhibition of cystathionine-gamma lyase dampens vasoconstriction in mouse and human intracerebral arterioles

Peleli, M., Lyngso, K. S., Poulsen, F. R., Hansen, P. B. L., Papapetropoulos, A. & Stubbe, J., sep. 2023, I: *Acta Physiologica*. 239, 1, e14021.

Prompt closure versus gradual weaning of external ventricular drainage for hydrocephalus following aneurysmal subarachnoid haemorrhage: Protocol for the DRAIN randomised clinical trial

Capion, T., Lilja-Cyron, A., Olsen, M. H., Juhler, M., Møller, K., Sorteberg, A., Rønning, P. A., Poulsen, F. R., Wismann, J., Ravlo, C., Isaksen, J., Lindschou, J., Gluud, C. & Mathiesen, T., sep. 2023, I: *Acta Anaesthesiologica Scandinavica*. 67, 8, s. 1121-1127

Intraoperativ neuromonitorering under intradural spinalkirurgi

Fjord-Larsen, S., Rasmussen, M. M., Gudmundsdottir, G., Carlsen, J. G., Bazys, M., Montvilas, E. Q., Tankisi, H., Meier, K. S., Poulsen, F. R. & Bjarki Einarsson, H., 12. jun. 2023, I: *Ugeskrift for Læger*. 185, 12, s. 1146-1149 V08220514.

Patient assessment of cosmetic outcome after craniotomy for intracranial tumor surgery

Uggerly, A. S. V., Møller, M. W., Eriksen, E., Bjarkam, C. R. & Poulsen, F. R., jun. 2023, I: *Interdisciplinary Neurosurgery*. 32, 6 s., 101752.

Treatment of intraventricular hemorrhage with external ventricular drainage and fibrinolysis: A comprehensive systematic review and meta-analysis of complications and outcome

Haldrup, M., Miscov, R., Mohamad, N., Rasmussen, M., Dyrskog, S., Simonsen, C. Z., Grønhøj, M., Poulsen, F. R., Bjarkam, C. R., Debrabant, B. & Korshøj, A. R., jun. 2023, I: *World Neurosurgery*. 174, s. 183-196.e6

Virtual magnetic resonance elastography predicts the intraoperative consistency of meningiomas

Aunan-Diop, J. S., Andersen, M. C. S., Friismose, A. I., Halle, B., Pedersen, C. B., Mussmann, B., Grønhøj, M. H., Nielsen, T. H., Jensen, U. & Poulsen, F. R., jun. 2023, I: *Journal of Neuroradiology*. 50, 4, s. 396-401

Gene expression analysis during progression of malignant meningioma compared to benign meningioma

Maier, A. D., Meddis, A., Mirian, C., Haslund-Vinding, J., Bartek, J., Krog, S. M., Nguyen, T. U. P., Areškevičiūtė, A., Melchior, L. C., Heegaard, S., Kristensen, B. W., Munch, T. N., Fugleholm, K., Ziebell, M., Raleigh, D. R., Poulsen, F. R., Gerds, T. A., Litman, T., Scheie, D. & Mathiesen, T., 1. maj 2023, I: *Journal of Neurosurgery*. 138, 5, s. 1302-1312

Early spontaneous cessation of subdural drainage after burr hole evacuation of chronic subdural hematoma and risk of recurrence

Grønhøj, M. H., Jensen, T. S. R., Johannsson, B., Fugleholm, K. & Rom-Poulsen, F., maj 2023, I: *PLOS ONE*. 18, 5, 12 s., e0285750.

Retinal vessel dynamics analysis as a surrogate marker for raised intracranial pressure in patients with suspected idiopathic intracranial hypertension

Hagen, S. M., Wibroe, E. A., Korsbæk, J. J., Andersen, M. S., Nielsen, A. B., Nortvig, M. J., Beier, D., Poulsen, F. R., Jensen, R. H. & Hamann, S., 1. mar. 2023, I: *Cephalalgia*. 43, 3, 3331024221147494.

Study protocol for ACTIVE study: safety and feasibility evaluation of external ventricular drainage with ACTIVE fluid exchange in intraventricular hemorrhage—a phase 2, multi-center, randomized controlled trial

Haldrup, M., Mohamad, N., Rasmussen, M., Thorup, L., Dyrskog, S., Simonsen, C. Z., Miscov, R., Bjarkam, C. R., Grønhøj, M., Poulsen, F. R. & Korshøj, A. R., 29. dec. 2022, I: *Trials*. 23, 9 s., 1062.

Reply: A transvenous pressure gradient can explain the MR elastography findings in normal pressure hydrocephalus

Anan-Diop, J. S. & Poulsen, F. R., dec. 2022, I: *Neurosurgical Review*. 45, 6, s. 3841-3842

The Danish Chronic Subdural Hematoma Study—Risk Factors for Second Recurrence

Jensen, T. S. R., Andersen-Ranberg, N., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., dec. 2022, I: *World Neurosurgery*. 168, s. e178-e186

Granular clinical history and outcome in 51 patients with primary and secondary malignant meningioma

Maier, A. D., Mirian, C., Haslund-Vinding, J., Bartek, J., Guldager, R., Møller, S., Munch, T. N., Fugleholm, K., Poulsgaard, L., Skjøth-Rasmussen, J., Ziebell, M., Eriksson, L. E., Scheie, D., Poulsen, F. R. & Mathiesen, T., nov. 2022, I: *Journal of Neurosurgery*. 137, 5, s. 1347-1357

Decisional needs of patients with recurrent high-grade glioma and their families

von Essen, H. S., Stacey, D., Steffensen, K. D., Guldager, R., Poulsen, F. R. & Piil, K., okt. 2022, I: *Neuro-Oncology Practice*. 9, 5, s. 402-410

Loss of H3K27me3 in WHO grade 3 meningioma

Maier, A. D., Brøchner, C. B., Mirian, C., Haslund-Vinding, J., Bartek, J., Ekström, T. J., Poulsen, F. R., Scheie, D. & Mathiesen, T., okt. 2022, I: *Brain Tumor Pathology*. 39, 4, s. 200-209

Tumors of the central nervous system among women treated with fertility drugs: a population-based cohort study

Frandsen, C. L. B., Jensen, A., Poulsen, F. R., Møller, M., Lindquist, S., Albieri, V., Nøhr, B. & Kjær, S. K., okt. 2022, I: *Cancer Causes and Control*. 33, 10, s. 1285-1293

National randomized clinical trial on subdural drainage time after chronic subdural hematoma evacuation

Jensen, T. S. R., Haldrup, M., Hjortdal Grønhøj, M., Miscov, R., Larsen, C. C., Debrabant, B., Poulsen, F. R., Bergholt, B., Hundsholt, T., Bjarkam, C. R. & Fugleholm, K., sep. 2022, I: *Journal of Neurosurgery*. 137, 3, s. 799-806

An increased potential for organ donors may be found among patients with out-of-hospital cardiac arrest

Rasmussen, M. A., Moen, H. S., Milling, L., Munthe, S., Rosenlund, C., Poulsen, F. R., Brøchner, A. C. & Mikkelsen, S., 17. aug. 2022, I: *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*. 30, 1, 9 s., 50.

MIF in the cerebrospinal fluid is decreased during relapsing-remitting while increased in secondary progressive multiple sclerosis

Hjæresen, S., Sejnbæk, T., Axelsson, M., Kløvedal Mortensen, S., Jensen, H. V., Pihl-Jensen, G., Novakova, L., Pedersen, C. B., Halle, B., Poulsen, F. R., Zhang, M., Benedikz, E., Frederiksen, J. L., Lycke, J., Illés, Z. & Fex Svenningsen, Å., 15. aug. 2022, I: *Journal of the Neurological Sciences*. 439, 120320.

The prognostic significance of biomarkers in cerebrospinal fluid following severe traumatic brain injury: a systematic review and meta-analysis

Hvingelby, V. S., Bjarkam, C. R., Mathiesen, T. I., Poulsen, F. R., Bøtker, M. T., Husted, A. & Korshøj, A. R., aug. 2022, I: *Neurosurgical Review*. 45, 4, s. 2547-2564

Development of a Patient Decision Aid to Support Shared Decision Making for Patients with Recurrent High-Grade Glioma

Sorensen von Essen, H., Poulsen, F. R., Dahlrot, R. H., Piil, K. & Steffensen, K. D., 1. jun. 2022, I: *International Journal of Environmental Research and Public Health*. 19, 12, 17 s., 7396.

Endonasal Endoscopic Approach for Minimally Invasive Orbital Decompression in Nonthyroid Proptosis—A Scoping Review

Ketharanathan, B., Andersen, M. S., Pedersen, C. B., Darling, P., Jakobsen, J., Molander, L. D., Dahlrot, R. H., Nguyen, N., Poulsen, F. R. & Halle, B., jun. 2022, I: *World Neurosurgery*. 162, s. 85-90

Endoskopisk fjernelse af dybtliggende intracerebrale blødninger

Pedersen, C. B., Andersen, M. C. S., Rom Poulsen, F. & Munthe, S., 2. maj 2022, I: *Ugeskrift for Læger*. 184, 9, V01210083.

Diagnosis, treatment, and outcome of primary CNS lymphoma—a single-center experience

Wismann, J., Sommer-Sørensen, R. H., Kofoed, M. S., Halle, B., Pedersen, C. B., Schulz, M. K., Grønhøj, M. H., Larsen, T. S., Møller, M. B. & Poulsen, F. R., maj 2022, I: *Acta Neurochirurgica*. 164, 5, s. 1365-1373

Letter to the Editor. Copenhagen grading of meningioma

Mathiesen, T., Haslund-Vinding, J., Skjøth-Rasmussen, J., Poulsgaard, L., Fugleholm, K., Mirian, C., Daniela Maier, A., Santarius, T., Rom Poulsen, F., Andrée Larsen, V., Winther Kristensen, B., Scheie, D., Law, I. & Ziebell, M., maj 2022, I: *Journal of Neurosurgery*. 136, 5, s. 1506-1508

Intrakranielt tryk og ikkeinvasive trykmodaliteter

Nortvig, M. J., Rom Poulsen, F., Pedersen, C. B. & Andersen, M. C. S., 18. apr. 2022, I: *Ugeskrift for Læger*. 184, 8, V03210288.

Magnetic resonance elastography in normal pressure hydrocephalus—a scoping review

Aunan-Diop, J. S., Pedersen, C. B., Halle, B., Jensen, U., Munthe, S., Harbo, F., Johannsson, B. & Poulsen, F. R., apr. 2022, I: *Neurosurgical Review*. 45, 2, s. 1157-1169

Postoperative drainage for 6, 12, or 24 h after burr-hole evacuation of chronic subdural hematoma in symptomatic patients (DRAIN-TIME 2): study protocol for a nationwide randomized controlled trial

Grønhøj, M. H., Jensen, T. S. R., Sindby, A. K., Miscov, R., Hundsholt, T., Debrabant, B., Bjarkam, C. R., Bergholt, B., Fugleholm, K. & Poulsen, F. R., 14. mar. 2022, I: *Trials*. 23, 14 s., 213.

Preclinical cerebral cryoablation in non-tumor bearing pigs

Jankovic, I., Poulsen, F. R., Pedersen, C. B., Kristensen, B. W., Schytte, T., Andersen, T. L., Langhorn, L., Graumann, O., Krone, W., Højlund-Carlson, P. F. & Halle, B., 7. feb. 2022, I: *Scientific Reports*. 12, 9 s., 1977.

Effect of 5-Aminolevulinic Acid and Sodium Fluorescein on the Extent of Resection in High-Grade Gliomas and Brain Metastasis

Cramer Ahrens, L., Green Krabbenhøft, M., Würzler Hansen, R., Mikic, N., Pedersen, C. B., Poulsen, F. R. & Korshøj, A. R., 1. feb. 2022, I: *Cancers*. 14, 3, 16 s., 617.

Magnetic Resonance Elastography in Intracranial Neoplasms: A Scoping Review

Aunan-Diop, J. S., Halle, B., Pedersen, C. B., Jensen, U., Munthe, S., Harbo, F., Andersen, M. S. & Poulsen, F. R., 1. feb. 2022, I: *Topics in magnetic resonance imaging : TMRI*. 31, 1, s. 9-22

Fluorescein-guided resection of cerebral metastases is associated with greater tumor resection

Kofoed, M. S., Pedersen, C. B., Schulz, M. K., Kristensen, B. W., Hansen, R. W., Markovic, L., Halle, B. & Poulsen, F. R., feb. 2022, I: Acta Neurochirurgica. 164, 2, s. 451-457

Idiopathic normal pressure hydrocephalus; treatment and outcome in the Region of Southern Denmark

Johannsson, B., Munthe, S., Poulsen, F. R. & Pedersen, C. B., feb. 2022, I: Clinical Neurology and Neurosurgery. 213, 107107.

Arachnoideacyster kan være associeret med kognitive og affektive symptomer

Neesgaard, V. E., Rom Poulsen, F., Holst, A. V. & Mathiesen, T. I., 3. jan. 2022, I: Ugeskrift for Læger. V06210525.

Proposal of a new grading system for meningioma resection: the Copenhagen Protocol

Haslund-Vinding, J., Skjøth-Rasmussen, J., Poulsgaard, L., Fugleholm, K., Mirian, C., Maier, A. D., Santarius, T., Rom Poulsen, F., Meling, T., Bartek, J. J., Förander, P., Larsen, V. A., Kristensen, B. W., Scheie, D., Law, I., Ziebell, M. & Mathiesen, T., jan. 2022, I: Acta Neurochirurgica. 164, 1, s. 229-238

Decisional needs of patients with recurrent high-grade glioma and their family members

Essen, H. S. V., Stacey, D., Dahl Steffensen, K., Guldager, R., Poulsen, F. R. & Piil, K., 2022.

Magnetisk resonans-elastografi af hjernen

Aunan-Diop, J. S., Pedersen, C. B., Jensen, U., Halle, B., Munthe, S., Severin Gråe Harbo, F. & Rom Poulsen, F., 2022, I: Ugeskrift for Læger. 184, 5, V02210138.

A 26-year-old woman with brainstem abscess at third trimester of pregnancy: Case report

Einarsson, H. B., Thorvaldsen, M. O. N., Kehrer, M., Harbo, F. S. G., Hansen, S. G. K., Munck, D. F. & Poulsen, F. R., dec. 2021, I: Interdisciplinary Neurosurgery. 26, 5 s., 101337.

IMMU-51. Single-cell analysis of tumor-associated microglia and macrophages from human glioblastoma

Anand, A., Andersen, R. S., Burton, M., Harwood, D. S. L., Poulsen, F. R., Halle, B., Pedersen, C. B., Kruse, T. A., Thomassen, M. & Kristensen, B., nov. 2021, I: Neuro-Oncology. 23, Suppl. 6, s. vi104 1 s.

Orthostatic hypotension after cervicomedullary junction surgery: Illustrative case

Jacobsen, K. S., Schou, R. F., Poulsen, F. R. & Pedersen, C. B., nov. 2021, I: Journal of Neurosurgery: Case Lessons. 2, 20, 3 s., CASE21448.

Study protocol for OptimalTTF-2: enhancing Tumor Treating Fields with skull remodeling surgery for first recurrence glioblastoma: a phase 2, multi-center, randomized, prospective, interventional trial

Mikic, N., Poulsen, F. R., Kristoffersen, K. B., Laursen, R. J., Guldberg, T. L., Skjøth-Rasmussen, J., Wong, E. T., Møller, S., Dahlrot, R. H., Sørensen, J. C. H. & Korshøj, A. R., 9. sep. 2021, I: BMC Cancer. 21, 8 s., 1010.

Targeted gene-expression analysis during malignant transformation in primary and secondary malignant meningioma

Maier, A. D., Meddis, A., Haslund-Vinding, J., Mirian, C., Areskeviciute, A., Nguyen, P., Westergaard, C., Melchior, L. C., Munch, T. N., Skjøth-Rasmussen, J., Poulsgaard, L., Ziebell, M., Bartek, Jr., J., Broholm, H., Poulsen, F. R., Gerds, T. A., Scheie, D. & Mathiesen, T., 1. sep. 2021, I: Neuro-Oncology. 23, Suppl. 2, s. ii19 1 s., P04.05.

The levels of the serine protease HTRA1 in cerebrospinal fluid correlate with progression and disability in multiple sclerosis

Hjæresen, S., Sejbaek, T., Axelsson, M., Vinsløv-Jensen, H., Mortensen, S. K., Pihl-Jensen, G., Novakova, L., Christensen, J. D. R., Pedersen, C. B., Halle, B., Poulsen, F. R., Lautrup Frederiksen, J., Zhang, M., Benedikz, E., Lycke, J., Illes, Z. & Fex Svenningsen, Å., sep. 2021, I: Journal of Neurology. 268, 9, s. 3316-3324

OTEH-3. Targeted Gene-Expression analysis during malignant transformation in primary and secondary malignant meningioma

Maier, A. D., Meddis, A., Haslund-Vinding, J., Mirian, C., Areskeviciute, A., Phuong, N., Westergaard, C., Melchior, L. C., Munch, T. N., Skjøth-Rasmussen, J., Poulsgaard, L., Ziebell, M., Bartek, J., Broholm, H., Poulsen, F. R., Gerds, T. A.,

Scheie, D. & Mathiesen, T. I., jul. 2021, I: Neuro-Oncology Advances. 3, Suppl. 2, s. ii10-ii11

OTEH-4. Deeper insight into intratumoral heterogeneity by MRI and PET-guided stereotactic biopsies from glioblastoma patients

Anand, A., Krogh Petersen, J., Burton, M., Larsen, M. J., Andersen, L. V. B., Harwood, D. S. L., Pedersen, C. B., Poulsen, F. R., Grupe, P., Kruse, T. A., Thomassen, M. & Kristensen, B. W., jul. 2021, I: Neuro-Oncology Advances. 3, Suppl. 2, s. ii11 1 s.

Serum levels of neurofilament light chain, neuron-specific enolase and S100 calcium-binding protein B during acute bacterial meningitis: A prospective cohort study

Grønhøj, M. B., Sejbæk, T., Würzler Hansen, R., Larsen, L., Dahl, M., Schierbeck, J. & Rom Poulsen, F., jun. 2021, I: Infectious Diseases. 53, 6, s. 409-419

Intraoperativ neuromonitorering under hjerneoperationer

Einarsson, H. B., Rom Poulsen, F., Derejko, M., Korshøj, A. R., Qerama, E., Pedersen, C. B., Halle, B., Nielsen, T. H., Clausen, A. H., Seidel, K. & Schulz, M. K., 17. maj 2021, I: Ugeskrift for Læger. 183, 18, V09200712.

Orbital dekompression ved proptose

Ketharanathan, B., Andersen, M. C. S., Pedersen, C. B., Darling, P., Jakobsen, J., Bechtold, D., Molander, L. D., Gampenrieder, N., Dahlrot, R. H., Nguyen, N. N. T. T., Rom Poulsen, F. & Halle, B., 17. maj 2021, I: Ugeskrift for Læger. 183, 10, V07200523.

Targeted next-generation sequencing of adult gliomas for retrospective prognostic evaluation and up-front diagnostics

Petersen, J. K., Boldt, H. B., Sørensen, M. D., Blach, S., Dahlrot, R. H., Hansen, S., Burton, M., Thomassen, M., Kruse, T., Poulsen, F. R., Andreasen, L., Hager, H., Ulhøi, B. P., Lukacova, S., Reifenberger, G. & Kristensen, B. W., feb. 2021, I: Neuropathology and Applied Neurobiology. 47, 1, s. 108-126

Validation of the newly conceived Surgical Swedish ICH grading scale for surgically treated patients with intracerebral hemorrhage: patient series

Haga, J. A., Poulsen, F. R. & Forsse, A., 4. jan. 2021, I: Journal of Neurosurgery: Case Lessons. 1, 1, CASE2044.

Primært centralnervesystemlymfom

Sommer-Sørensen, R., Juul-Jensen, K., Larsen, T. S., Møller, M. B., Halle, B., Schulz, M. K., Pedersen, C. B. & Rom Poulsen, F., jan. 2021, I: Ugeskrift for Læger. 183, 2, V01200065.

Termoablation af hjernetumorer

Jankovic, I., Bartek, J., Jensdottir, M., Rom Poulsen, F., Pedersen, C. B., Kristensen, B. W., Schytte, T., Andersen, T. L., Langhorn, L., Graumann, O., Krone, W. & Halle, B., jan. 2021, I: Ugeskrift for Læger. 183, 1, V12190734.

Estimation of intracranial pressure using funduscopy

Nortvig, M. J., Andersen, M. C. S., Pedersen, C. B. & Poulsen, F. R., 2021, I: Brain and Spine. 1, Suppl. 2, 1 s., 100659.

Endoscopic vs. microscopic transsphenoidal pituitary surgery: a single centre study

Møller, M. W., Andersen, M. S., Glinthborg, D., Pedersen, C. B., Halle, B., Kristensen, B. W. & Poulsen, F. R., 14. dec. 2020, I: Scientific Reports. 10, 8 s., 21942.

Shared decision making in high-grade glioma patients-a systematic review

von Essen, H. S., Piil, K., Steffensen, K. D. & Poulsen, F. R., 1. dec. 2020, I: Neuro-Oncology Practice. 7, 6, s. 589-598

A capillary hemangioma of lobular subtype (pyogenic granuloma) in the calvarium of a pregnant woman

Skúladóttir, B., Korshøj, A. R., Wirenfeldt, M. & Poulsen, F. R., dec. 2020, I: Acta Neurochirurgica. 162, 12, s. 3001-3004

Sodium fluorescein shows high surgeon-reported usability in glioblastoma surgery

Bömers, J. P., Danielsen, M. E., Schulz, M. K., Halle, B., Kristensen, B. W., Sørensen, M. D., Poulsen, F. R. & Pedersen, C. B., dec. 2020, I: Surgeon. 18, 6, s. 344-348

Comparison of 5-aminolevulinic acid and sodium fluorescein for intraoperative tumor visualization in patients with high-grade gliomas: a single-center retrospective study

Hansen, R. W., Pedersen, C. B., Halle, B., Korshøj, A. R., Schulz, M. K., Kristensen, B. W. & Poulsen, F. R., nov. 2020, I: *Journal of Neurosurgery*. 133, 5, s. 1324-1331

Response to letter to the editor entitled "Early insertion of the subdural drain during chronic subdural hematoma surgery" by N Beucler et al. regarding "Drain type and technique for subdural insertion after burr hole evacuation of chronic subdural hematoma" by TSR Jensen et al., *Acta Neurochirurgica (Wien)*, 25 June 2020

Jensen, T. S. R. J., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., nov. 2020, I: *Acta Neurochirurgica*. 162, 11, s. 2713 1 s.

Neuroonkologi

Laursen, R. J., Korshøj, A. R. & Rom Poulsen, F., 15. sep. 2020, *Kirurgi*. Bjarkam, C. R., Borgwardt, A., Borre, M., Daugaard, H., Hjortdal, V. E., Houliind, K. C., Hölmich, L., Lauritsen, K. & Steinmetz, J. (red.). 3. udg. Roskilde: FADL's Forlag, s. 1221-1234

Drain type and technique for subdural insertion after burr hole evacuation of chronic subdural hematoma

Jensen, T. S. R., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., 1. sep. 2020, I: *Acta Neurochirurgica*. 162, 9, s. 2015-2017

Response to letter regarding: embolization of the middle meningeal artery in patients with chronic subdural hematoma – a review and meta-analysis

Haldrup, M., Ketharanathan, B., Debrabant, B., Schwartz, O. S., Mikkelsen, R., Fugleholm, K., Poulsen, F. R., Jensen, T. S. R., Thaarup, L. V. & Bergholt, B., sep. 2020, I: *Acta Neurochirurgica*. 162, 9, s. 2031

The Danish Chronic Subdural Hematoma Study—comparison of hematoma age to the radiological appearance at time of diagnosis

Jensen, T. S. R., Andersen-Ranberg, N., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., sep. 2020, I: *Acta Neurochirurgica*. 162, 9, s. 2007-2013

A new novel method for assessing intracranial pressure using non-invasive fundus images: a pilot study

Andersen, M. S., Pedersen, C. B. & Poulsen, F. R., 3. aug. 2020, I: *Scientific Reports*. 10, 7 s., 13062.

A Prospective Observational Feasibility Study of Jugular Bulb Microdialysis in Subarachnoid Hemorrhage

Forsse, A., Nielsen, T. H., Mølstrøm, S., Hjelmberg, J. V. B., Stokbro, K., Nygaard, K. H., Yilmaz, S., Nordström, C.-H. & Rom Poulsen, F., aug. 2020, I: *Neurocritical Care*. 33, 1, s. 241-255

Expression and prognostic value of the transcription factors EGR1 and EGR3 in gliomas

Knudsen, A. M., Eilertsen, I., Kielland, S., Pedersen, M. W., Sørensen, M. D., Dahlrot, R. H., Boldt, H. B., Munthe, S., Poulsen, F. R. & Kristensen, B. W., 9. jun. 2020, I: *Scientific Reports*. 10, 13 s., 9285.

The risk of developing seizures before and after surgery for brain metastases

Puri, P. R., Johannsson, B., Seyedi, J. F., Halle, B., Schulz, M., Pedersen, C. B., Kristensen, B. W. & Poulsen, F. R., jun. 2020, I: *Clinical Neurology and Neurosurgery*. 193, 105779.

Embolization of the middle meningeal artery in patients with chronic subdural hematoma—a systematic review and meta-analysis

Haldrup, M., Ketharanathan, B., Debrabant, B., Schwartz, O. S., Mikkelsen, R., Fugleholm, K., Poulsen, F. R., Jensen, T. S. R., Thaarup, L. V. & Bergholt, B., apr. 2020, I: *Acta Neurochirurgica*. 162, 4, s. 777–784

Antidepressant drug use and subdural hematoma risk

Gaist, D., García Rodríguez, L. A., Hald, S. M., Hellfritsch, M., Poulsen, F. R., Halle, B., Hallas, J. & Pottegård, A., feb. 2020, I: *Journal of Thrombosis and Haemostasis*. 18, 2, s. 318-327

Desmoplastic myxoid tumor, SMARCB1-mutant: clinical, histopathological and molecular characterization of a pineal region tumor encountered in adolescents and adults

Thomas, C., Wefers, A., Bens, S., Nemes, K., Agaimy, A., Oyen, F., Vogelgesang, S., Rodriguez, F. J., Brett, F. M., McLendon, R., Bodi, I., Burel-Vandenbos, F., Keyvani, K., Tippelt, S., Poulsen, F. R., Lipp, E. S., Giannini, C., Reifenberger, G., Kuchelmeister, K. & Pietsch, T. & 9 flere, Kordes, U., Siebert, R., Frühwald, M. C., Johann, P. D., Sill, M., Kool, M., von Deimling, A., Paulus, W. & Hasselblatt, M., feb. 2020, I: Acta Neuropathologica. 139, 2, s. 277-286

Shared decision making at recurrent high-grade glioma (Fælles beslutningstagning ved recidiv af højgradsgliom.)

Sørensen Von Essen, H., Piil, K., Dahl Steffensen, K. & Rom Poulsen, F., 21. jan. 2020.

Behandling af essentiel tremor med magnetisk resonans-vejledt fokuseret ultralyd

Blaabjerg, M., Pedersen, C. B., Andersen, M. C. S., Grønhøj, M. H., Krone, W., Bode, M. & Rom Poulsen, F., 2020, I: Ugeskrift for Læger. 182, 17, V09190533.

Ethyl pyruvate increases post-ischemic levels of mitochondrial energy metabolites: A ¹³C-labeled cerebral microdialysis study

Nygaard, K. H., Havelund, J. F., Nielsen, T. H., Nordström, C. H., Færgeman, N. J., Poulsen, F. R., Gramsbergen, J. B. & Forsse, A., 2020, I: Metabolites. 10, 7, 12 s., 287.

The serine protease HTRA1 increases in the brain and CSF in Multiple Sclerosis

Hjæresen, S., Sejbæk, T., Axelsson, M., Phil-Jensen, G., Jensen, H. V., Kløvedal Mortensen, S., Pedersen, C. B., Halle, B., Rom Poulsen, F., Zhang, M., Battistini, J. L., Lycke, J., Illés, Z. & Fex Svenningsen, Å., 2020.

Integrated glioma diagnostics using targeting next-generation sequencing

Petersen, J. K., Boldt, H. B., Sorensen, M., Dahlrot, R. H., Hansen, S., Burton, M., Thomassen, M., Kruse, T., Poulsen, F. R., Andreasen, L., Hager, H., Ulhoi, B. P., Lukacova, S., Reifenberger, G. & Kristensen, B., nov. 2019, I: Neuro-Oncology. 21, Suppl. 6, s. vi104 1 s., GENE-33.

Ultra-long-term subcutaneous home monitoring of epilepsy—490 days of EEG from nine patients

Weisdorf, S., Duun-Henriksen, J., Kjeldsen, M. J., Poulsen, F. R., Gangstad, S. W. & Kjær, T. W., nov. 2019, I: Epilepsia. 60, 11, s. 2204-2214

Fælles beslutningstagning for patienter med recidiv af højgradsgliom – hvordan gør vi og er det overhovedet relevant?

Sørensen Von Essen, H., Piil, K., Dahl Steffensen, K. & Rom Poulsen, F., 29. aug. 2019.

In reply to the Letter to the Editor Regarding “ Fluorescein Sodium in the Surgical Treatment of Recurrent Glioblastoma Multiforme”

Höhne, J., Schebesch, K. M., de Laurentis, C., Akçakaya, M. O., Pedersen, C. B., Brawanski, A., Poulsen, F. R., Kiris, T., Cavallo, C., Broggi, M., Ferroli, P. & Acerbi, F., 1. aug. 2019, I: World Neurosurgery. 128, s. 617 1 s.

Nested case-control study of antidepressant drug use and subdural hematoma risk

Gaist, D., Garcia Rodriguez, L. A., Hald, S. M., Hellfritsch, M., Poulsen, F. R., Halle, B., Hallas, J. & Pottegard, A., 1. aug. 2019, I: Pharmacoepidemiology and Drug Safety. 28, 2, SI, s. 218-219

Behandling af kronisk subduralt hæmatom

Jensen, T. S. R., Andersen-Ranberg, N. C., Rom Poulsen, F., Bergholt, B., Hundsholt, T. & Fugleholm, K., jul. 2019, I: Ugeskrift for Læger. 181, 14, V03180160.

Frameless stereotactic neuronavigated biopsy: A retrospective study of morbidity, diagnostic yield, and the potential of fluorescence: A single-center clinical investigation

Æbelø, A. M., Noer, V. R., Schulz, M. K., Kristensen, B. W., Pedersen, C. B. & Poulsen, F. R., 1. jun. 2019, I: Clinical Neurology and Neurosurgery. 181, s. 28-32

Do family health conversations impact patients with glioblastoma multiforme and their family members?

Faarup, I., Lauridsen, J. T., Lütgen, K., Nørregaard, A., Poulsen, F. R. & Østergaard, B., 1. maj 2019, I: Journal of Clinical Nursing. 28, 9-10, s. 1695-1707

Fluorescein sodium in the surgical treatment of recurrent glioblastoma multiforme

Höhne, J., Schebesch, K.-M., de Laurentis, C., Akçakaya, M. O., Pedersen, C. B., Brawanski, A., Poulsen, F. R., Kiris, T., Cavallo, C., Broggi, M., Ferroli, P. & Acerbi, F., maj 2019, I: World Neurosurgery. 125, s. e158-e164

The Danish chronic subdural hematoma study—predicting recurrence of chronic subdural hematoma

Andersen-Ranberg, N. C., Debrabant, B., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., maj 2019, I: Acta Neurochirurgica. 161, 5, s. 885-894

The diagnostic value of continuous EEG for the detection of non-convulsive status epilepticus in neurosurgical patients – A prospective cohort study

Krøigård, T., Forsse, A., Bülow, K., Broesby, J., Poulsen, F. R., Kjaer, T. W. & Høgenhaven, H., apr. 2019, I: Clinical Neurophysiology Practice. 4, s. 81-84

Cerebral monitoring af neurointensive patienter

Forsse, A., Clausen, A. H., Nielsen, T. H., Nordström, C.-H. & Rom Poulsen, F., 18. mar. 2019, I: Ugeskrift for Læger. 181, 6, s. 2-5 V01180025.

Early postoperative MRI after resection of brain metastases—complete tumour resection associated with prolonged survival

Olesrud, I. C., Schulz, M. K., Marcovic, L., Kristensen, B. W., Pedersen, C. B., Kristiansen, C. & Poulsen, F. R., 13. mar. 2019, I: Acta Neurochirurgica. 161, 3, s. 555–565

Patterns of cerebral tissue oxygen tension and cytoplasmic redox state in bacterial meningitis

Larsen, L., Nielsen, T. H., Nordström, C.-H., Andersen, Å. B., Schierbeck, J., Schulz, M. K. & Rom Poulsen, F., 1. mar. 2019, I: Acta Anaesthesiologica Scandinavica. 63, 3, s. 329-336

Optimization of tumor treating fields using singular value decomposition and minimization of field anisotropy

Korshøj, A. R., Sørensen, J. C. H., von Oettingen, G., Poulsen, F. R. & Thielscher, A., 8. feb. 2019, I: Physics in Medicine and Biology. 64, 4, 9 s., 04NT03.

Differential diagnostic impact of DNA methylation profiling on brain tumor classification

Petersen, J. K., Boldt, H. B., Scheie, D., Ulhøj, B. P., Gardberg, M., Dalhrot, R. H., Poulsen, F. R., Capper, D., von Deimling, A. & Kristensen, B. W., 1. feb. 2019, I: Brain Pathology. 29, Suppl. 1, s. 43 1 s.

Intrakraniale meningeomer

Andersen, M. C. S., Pedersen, C. B., Mathiesen, T. I., Poulsgaard, L., Kristensen, B. W., Halle, B. & Rom Poulsen, F., 21. jan. 2019, I: Ugeskrift for Læger. 181, 10, V07180489.

Behandling af glioblastom og andre kræftformer med tumor treating fields

Korshøj, A. R., Lukacova, S., Mikic, N., Cortnum, S. O. S., Lassen-Ramshad, Y., Lignell Guldborg, T., Severinsen, K. E., Thielscher, A., Rom Poulsen, F., Sørensen, J. C. H. & Burckhard von Oettingen, G., 2019, I: Ugeskrift for Læger. 181, 20A, V07180481.

Cyclosporin A ameliorates cerebral oxidative metabolism and infarct size in the endothelin-1 rat model of transient cerebral ischaemia

Forsse, A., Nielsen, T. H., Nygaard, K. H., Nordström, C.-H., Gramsbergen, J. B. & Poulsen, F. R., 2019, I: Scientific Reports. 9, 1, 3702.

Ethyl Pyruvate Treatment Increases Post-ischemic Levels of Selected Metabolites Detected by Labelled Cerebral Microdialysis

Nygaard, K. H., Havelund, J., Nielsen, T. H., Færgeman, N. J., Nordström, C.-H., Rom Poulsen, F., Gramsbergen, J. B. & Forsse, A., 2019, I: Stroke. 50, Suppl. 1, s. TP318

Fluorescensvejledt fjernelse af cerebrale glioblastomer

Würgler Hansen, R., Rom Poulsen, F., Schulz, M. K. & Pedersen, C. B., 2019, I: Ugeskrift for Læger. 181, 10, V04180265.

In Vivo Microdialysis of Endogenous and ¹³C-labeled TCA Metabolites in Rat Brain: Reversible and Persistent Effects of Mitochondrial Inhibition and Transient Cerebral Ischemia

Havelund, J. F., Nygaard, K. H., Nielsen, T. H., Nordström, C.-H., Poulsen, F. R., Færgeman, N. J., Forsse, A. & Gramsbergen, J. B., 2019, I: Metabolites. 9, 10, 13 s., 204.

Cerebral Metabolic Changes Related to Oxidative Metabolism in a Model of Bacterial Meningitis Induced by Lipopolysaccharide

Munk, M., Rom Poulsen, F., Larsen, L., Nordström, C.-H. & Nielsen, T. H., dec. 2018, I: Neurocritical Care. 29, 3, s. 496-503

Intraoperative low field MRI in transsphenoidal pituitary surgery

Møller, M. W., Andersen, M. S., Pedersen, C. B., Kristensen, B. W. & Poulsen, F. R., jul. 2018, I: Endocrine Connections. 7, 7, s. 897-906

The risk of developing seizures before and after primary brain surgery of low- and high-grade gliomas

Bech, K. T., Seyed, J. F., Schulz, M., Poulsen, F. R. & Pedersen, C. B., jun. 2018, I: Clinical Neurology and Neurosurgery. 169, s. 185-191

Validity of intracerebral haemorrhage diagnosis in two nationwide Danish registries

Gaist, D., Madsen, C., Munk Hald, S., Hey, S. M., Nguyen, N. N. T. T., García-Rodríguez, L. A., Rom Poulsen, F. & Pottegård, A., maj 2018.

Intracerebral hemorrhage: positive predictive value of diagnosis codes in two nationwide Danish registries

Hald, S. M., Kring Sloth, C., Hey, S. M., Madsen, C., Nguyen, N., García Rodríguez, L. A., Al-Shahi Salman, R., Möller, S., Poulsen, F. R., Pottegård, A. & Gaist, D., 20. apr. 2018, I: Clinical Epidemiology. 10, s. 941-948

Risk of seizures before and after neurosurgical treatment of intracranial meningiomas

Seyed, J. F., Pedersen, C. B. & Poulsen, F. R., feb. 2018, I: Clinical Neurology and Neurosurgery. 165, s. 60-66

Treatment and reconstruction of a complicated infected scalp squamous cell carcinoma with CNS invasion

Glud, A. N., Poulsen, F. R., Linnet, J. & Sørensen, J. A., 2018, I: BMJ Case Reports. 2018, 4 s., bcr-2017-222271.

Outcome of conservatively treated occipital condylar fractures: A retrospective study

Byström, O., Slott Jensen, T. & Rom Poulsen, F., 1. okt. 2017, I: Journal of Craniovertebral Junction and Spine. 8, 4, s. 322-327

Cerebral oxygenation and energy metabolism in bacterial meningitis

Larsen, L., Nielsen, T. H. (Medlem af forfattergruppering), Schulz, M. K. (Medlem af forfattergruppering), Andersen, Å. B. (Medlem af forfattergruppering), Schierbeck, J. (Medlem af forfattergruppering) & Rom Poulsen, F. (Medlem af forfattergruppering), 1. sep. 2017. 1 s.

Bilateral chronic subdural hematoma: unilateral or bilateral drainage?

Andersen-Ranberg, N. C., Poulsen, F. R., Bergholt, B., Hundsholt, T. & Fugleholm, K., jun. 2017, I: Journal of Neurosurgery. 126, 6, s. 1905-1911

Family-Focused Therapeutic Conversations with the Affected Family

Nørregaard, A., Lütgen, K., Faarup, I., Lauridsen, J. T., Rom Poulsen, F. & Østergaard, B., jun. 2017.

P/Q-type and T-type voltage-gated calcium channels are involved in the contraction of mammary and brain blood vessels from hypertensive patients

Thuesen, A. D., Lyngsø, K. S., Rasmussen, L., Stubbe, J., Skøtt, O., Rom Poulsen, F., Pedersen, C. B., Rasmussen, L. M. & Hansen, P. B. L., 1. mar. 2017, I: *Acta Physiologica*. 219, 3, s. 642–653

Association of Antithrombotic Drug Use With Subdural Hematoma Risk

Gaist, D., Rodríguez, L. A. G., Hellfritsch, M., Poulsen, F. R., Halle, B., Hallas, J. & Pottegård, A., 28. feb. 2017, I: *JAMA: The Journal of the American Medical Association*. 317, 8, s. 836-846 11 s.

No Value of Routine Brain Computed Tomography 6 Weeks after Evacuation of Chronic Subdural Hematoma

Pedersen, C. B., Sundbye, F. & Poulsen, F. R., 2017, I: *The Surgery Journal*. 3, 4, s. e174-e176

Prevalence of hereditary hemorrhagic telangiectasia in patients operated for cerebral abscess: a retrospective cohort analysis

Larsen, L., Rostgaard Marker, C., Kjeldsen, A. D. & Rom Poulsen, F., 2017, I: *European Journal of Clinical Microbiology & Infectious Diseases*. 36, 10, s. 1975–1980

Purulent bakteriel meningitis og cerebral metabolisme

Rom Poulsen, F. & Larsen, L., 2017, I: *Best Practice Nordic*. DEC, s. 24-27

Shift of microRNA profile upon glioma cell migration using patient-derived spheroids and serum-free conditions

Munthe, S., Halle, B., Boldt, H. B., Christiansen, H., Schmidt, S., Kaimal, V., Xu, J., Zabudoff, S., Mollenhauer, J., Rom Poulsen, F. & Kristensen, B. W., 2017, I: *Journal of Neuro-Oncology*. 132, 1, s. 45–54

Use of intracranial pressure monitoring in bacterial meningitis: a 10-year follow up on outcome and intracranial pressure versus head CT scans

Larsen, L., Rom Poulsen, F., Nielsen, T. H., Nordström, C.-H., Schulz, M. K. & Andersen, Å. B., 2017, I: *Infectious Diseases*. 49, 5, s. 356-364

Fewer complications with bolt-connected than tunneled external ventricular drainage

Slott Jensen, T., Carlsen, J. G., Sørensen, J. C. & Rom Poulsen, F., aug. 2016, I: *Acta Neurochirurgica*. 158, 8, s. 1491-1494

Subdural hematoma cases identified through a Danish patient register: diagnosis validity, clinical characteristics, and preadmission antithrombotic drug use

Poulsen, F. R., Halle, B., Pottegård, A., García Rodríguez, L. A., Hallas, J. & Gaist, D., 7. jul. 2016, I: *Pharmacoepidemiology and Drug Safety*. 25, 11, s. 1253–1262

Intracranial Aneurysms in Sickle-Cell Disease Are Associated With the Hemoglobin SS Genotype But Not With Moyamoya Syndrome

Birkeland, P., Gardner, K., Kesse-Adu, R., Davies, J., Lauritsen, J., Rom Poulsen, F., Talias, C. M. & Thein, S. L., jul. 2016, I: *Stroke*. 47, 7, s. 1710-1713

Family focused conversations with families where a member is living with Glioblastoma

Nørregaard, A., Lütgen, K., Faarup, I., Lauridsen, J. T., Rom Poulsen, F. & Østergaard, B., jun. 2016.

Trends in tumors in the central nervous system in elderly in Denmark, 2008-2012

Dahlrot, R. H., Poulsen, F. R., Nguyen, N. N. T. T., Kristensen, B. W., Hansen, S., Holm, N. V. & Academy of Geriatric Cancer Research (AgeCare), 19. jan. 2016, I: *Acta Oncologica*. 55, Suppl. 1, s. 91-97

Glioma Cells in the Tumor Periphery Have a Stem Cell Phenotype

Munthe, S., Petterson, S. A., Dahlrot, R. H., Poulsen, F. R., Hansen, S. & Kristensen, B. W., 2016, I: *PLOS ONE*. 11, 5, e0155106.

Migrating glioma cells express stem cell markers and give rise to new tumors upon xenografting

Munthe, S., Sørensen, M. D., Thomassen, M., Burton, M., Kruse, T. A., Lathia, J. D., Poulsen, F. R. & Kristensen, B. W., 2016, I: *Journal of Neuro-Oncology*. 130, 1, s. 53-62

Subdural haematoma complicating shunting for normal pressure hydrocephalus in the setting of concomitant antiplatelet medication: a report of 11 cases

Birkeland, P., Lauritsen, J. & Poulsen, F. R., 2016, I: *British Journal of Neurosurgery*. 30, 5, s. 567-570

An expanding intracerebral haematoma

Birkeland, P., Høgedal, L. & Poulsen, F., 25. sep. 2015, I: *The BMJ*. 351, 4 s., h5014.

Aspirin is associated with an increased risk of subdural hematoma in normal-pressure hydrocephalus patients following shunt implantation

Birkeland, P., Lauritsen, J. & Poulsen, F. R., aug. 2015, I: *Journal of Neurosurgery*. 123, 2, s. 423-426

Family Function, Family Hardiness and Health Related Quality of Life in Families where a Member Is Living with High-grade Glioma

Nørgaard, A., Lütgen, K., Faarup, I., Østergaard, B. & Rom Poulsen, F., aug. 2015.

Antithrombotic drugs and subarachnoid haemorrhage risk: A nationwide case-control study in Denmark

Pottegård, A., García Rodríguez, L. A., Poulsen, F. R., Hallas, J. & Gaist, D., 23. jul. 2015, I: *Thrombosis and Haemostasis*. 114, 5, s. 1064-1075

Family Function, Family Hardiness and Health Related Quality of life in families, where a member is living with High-grade Glioma

Faarup, I., Lütgen, K., Nørregaard, A., Rom Poulsen, F., Lauridsen, J. T. & Østergaard, B., maj 2015.

Bedside Evaluation of Cerebral Energy Metabolism in Severe Community-Acquired Bacterial Meningitis

Rom Poulsen, F., Schulz, M., Jacobsen, A., Andersen, Å. B., Larsen, L., Schalén, W., Nielsen, T. H. & Nordström, C.-H., apr. 2015, I: *Neurocritical Care*. 22, 2, s. 221-228

Chronic aldosterone exposure inhibits nitric oxide-dependent dilatation in human and mouse intracerebral arterioles

Lyngsø, K. S., Rom Poulsen, F. & Hansen, P. B. L., 2015, I: *Acta Physiologica*. 215, S703, s. 12 1 s., 28.

Perindopril and residual chronic subdural hematoma volumes six weeks after burr hole surgery: a randomized trial

Poulsen, F. R., Munthe, S., Sørensen, M. & Halle, B., aug. 2014, I: *Clinical Neurology and Neurosurgery*. 123, s. 4-8 5 s.

Treatment and clinical outcome in patients with idiopathic normal pressure hydrocephalus - a systematic review

Torsnes, L., Blåfjeldal, V. & Poulsen, F. R., 2014, I: *Danish Medical Journal*. 61, 10, 7 s., A4911.

Good clinical outcome after combined endovascular and neurosurgical treatment of cerebral venous sinus thrombosis

Poulsen, F. R., Høgedal, L., Stilling, M. V., Birkeland, P. F., Schultz, M. & Rasmussen, J. N., 2013, I: *Danish Medical Journal*. 60, 11, 5 s., A4724.

A brain slice culture model for studies of endogenous and exogenous precursor cell migration in the rostral migratory stream

Tanvig, M., Blaabjerg, M., Andersen, R. K., Villa, A., Rosager, A. M., Poulsen, F. R., Martinez-Serrano, A., Zimmer, J., Meyer, M. & Honnens Tanvig, M., 2009, I: *Brain Research*. 1295, s. 1-12 12 s.

Interaction between neuropeptide Y (NPY) and brain-derived neurotrophic factor in NPY-mediated neuroprotection against excitotoxicity: a role for microglia

Xapelli, S., Bernardino, L., Ferreira, R., Grade, S., Silva, A. P., Salgado, J. R., Cavadas, C., Grouzmann, E., Poulsen, F. R., Oliveira, C. R., Zimmer, J. & Malva, J. O., 2008, I: *European Journal of Neuroscience*. 27, 8, s. 2089-2102

Comparison of neuroprotective effects of erythropoietin (EPO) and carbamylerythropoietin (CEPO) against ischemia-like oxygen-glucose deprivation (OGD) and NMDA excitotoxicity in mouse hippocampal slice cultures

Montero, M., Rom Poulsen, F., Noraberg, J., Kirkeby, A., van Beek, J., Leist, M. & Zimmer, J., 1. mar. 2007, I: *Experimental Neurology*. 204, 1, s. 106-117 11 s.

Organotypic hippocampal slice cultures for studies of brain damage, neuroprotection and neurorepair

Noraberg, J., Poulsen, F. R., Blaabjerg, M., Kristensen, B. W., Bonde, C., Montero, M., Meyer, M., Gramsbergen, J. B. & Zimmer, J., 1. aug. 2005, I: Current Drug Targets: CNS and Neurological Disorders. 4, 4, s. 435-452 17 s.

Glutamate receptor antagonists and growth factors modulate dentate granule cell neurogenesis in organotypic, rat hippocampal slice cultures.

Poulsen, F. R., Blaabjerg, M., Montero, M. & Zimmer, J., 27. jul. 2005, I: Brain Research. 1051, 1-2, s. 35-49 14 s.

Modulator effects of interleukin-1beta and tumor necrosis factor-alpha on AMPA-induced excitotoxicity in mouse organotypic hippocampal slice cultures.

Bernardino, L., Xapelli, S., Silva, A. P., Jakobsen, B., Poulsen, F. R., Oliveira, C. R., Vezzani, A., Malva, J. O. & Zimmer, J., 20. jul. 2005, I: Journal of Neuroscience. 25, 29, s. 6734-44 10 s.

Group I metabotropic glutamate receptors reduce excitotoxic injury and may facilitate neurogenesis

Baskys, A., Bayazitov, I., Fang, L., Blaabjerg, M., Poulsen, F. R. & Zimmer, J., 2005, I: Neuropharmacology. 49 Suppl 1, s. 146-156 11 s.

Differential expression of brain-derived neurotrophic factor transcripts after pilocarpine-induced seizure-like activity is related to mode of Ca²⁺ entry

Poulsen, F. R., Lauterborn, J., Zimmer, J. & Gall, C. M., 2004, I: Neuroscience. 126, 3, s. 665-676 12 s.

Dannelse af nye nerveceller i den voksne hjerne

Poulsen, F. R., Meyer, M. & Rasmussen, J. Z., 2003, I: Ugeskrift for Læger. 165, 14, s. 1443-1447

Pilocarpine-induced seizure-like activity with increased BDNF and neuropeptide Y expression in organotypic hippocampal slice cultures

Poulsen, F. R., Jahnsen, H., Blaabjerg, M. & Zimmer, J., 20. sep. 2002, I: Brain Research. 950, 1-2, s. 103-18 16 s.

Perforant path lesioning induces sprouting of CA3-associated fibre systems in mouse hippocampal formation

Drøjdahl, N., Hegelund, I. V., Poulsen, F. R., Wree, A. & Finsen, B., maj 2002, I: Experimental Brain Research. 144, 1, s. 79-87 9 s.

Erythropoietin - effekt på nydannelse af nerveceller i hjernen

Meyer, M., Poulsen, F. R. & Rasmussen, J. Z., 2002, I: Ugeskrift for Læger. 164, 39, s. 4551-4553

Increased synthesis of heparin affin regulatory peptide in the perforant path lesioned mouse hippocampal formation

Poulsen, F. R., Lagord, C., Courty, J., Pedersen, E. B., Barritault, D. & Finsen, B., dec. 2000, I: Experimental Brain Research. 135, 3, s. 319-30 12 s.

Axonal sprouting regulates myelin basic protein gene expression in denervated mouse hippocampus

Jensen, M. B., Poulsen, F. R. & Finsen, B., 2000, I: International Journal of Developmental Neuroscience. 18, 2-3, s. 221-235

Microglial reactivity correlates to the density and the myelination of the anterogradely degenerating axons and terminals following perforant path denervation of the mouse fascia dentata.

Jensen, M. B., Hegelund, I. V., Rom Poulsen, F., Owens, T., Zimmer, J. & Finsen, B., 1. jan. 1999, I: Neuroscience. 93, 2, s. 507-18 11 s.

Axotomy-induced Glial Reactions in Normal and Cytokine Transgenic Mice: The Function of Glial Cells in Health and Disease: Dialogue between Glia and Neurons

Finsen, B., Jensen, M. B., Lomholt, N. D., Hegelund, I. V., Rom Poulsen, F. & Owens, T., 1999, I: Advances in Experimental Medicine and Biology. 468, s. 157-71 14 s.

Dexamethasone selectively suppresses microglial trophic responses to hippocampal deafferentation

Woods, A. G., Poulsen, F. R. & Gall, C. M., 1999, I: Neuroscience. 91, 4, s. 1277-89 13 s.

Transcript-specific effects of adrenalectomy on seizure-induced BDNF expression in rat hippocampus

Lauterborn, J. C., Poulsen, F. R., Stinis, C. T., Isackson, P. J. & Gall, C. M., 30. mar. 1998, I: Brain Research. 55, 1, s. 81-91 11 s.

Prevention of mouse-rat brain xenograft rejection by a combination therapy of cyclosporin A, prednisolone and azathioprine

Pedersen, E. B., Poulsen, F. R., Zimmer, J. & Finsen, B., 1995, I: Experimental Brain Research. 106, 2, s. 181-6 6 s.

Priser

2nd Best Poster Danish Society for Neuroscience Annual Meeting

Nygaard, K. H. (Modtager), Havelund, J. (Modtager), Nielsen, T. H. (Modtager), Nordström, C.-H. (Modtager), Færgeman, N. J. (Modtager), Rom Poulsen, F. (Modtager), Gramsbergen, J. B. (Modtager) & Forsse, A. (Modtager), 2018

Presse/medie

AUH på vej med banebrydende ultralydsbehandling af rystesyge

Poulsen, F. R.

19/03/2022

1 Mediebidrag

De kommende dage bliver afgørende

Rom Poulsen, F.

21/02/2016

1 element af Mediedækning

Diskusprolaps: Dette tegn må du ikke overse

Poulsen, F. R.

08/05/2022

1 Mediebidrag

Ekspert: Han skal nok komme sig

Rom Poulsen, F.

04/02/2015

1 element af Mediedækning

En af disse 68 personer bliver Årets Fynbo

Poulsen, F. R.

07/12/2023

1 Mediebidrag

En af disse 68 personer bliver Årets Fynbo: Skal det være 'Banjo', Agnes Lunde, John Hr. Hansen eller en helt anden?

Poulsen, F. R.

07/12/2023

1 Mediebidrag

En af disse 68 personer bliver Årets Fynbo: Skal det være 'Banjo', Agnes Lunde, John Hr. Hansen eller en helt anden?

Poulsen, F. R.

07/12/2023

1 Mediebidrag

En af disse 68 personer bliver Årets Fynbo: Skal det være 'Banjo', Agnes Lunde, John Hr. Hansen eller en helt anden?
Poulsen, F. R.
07/12/2023
1 Mediebidrag

En af disse 68 personer bliver Årets Fynbo: Skal det være 'Banjo', Agnes Lunde, John Hr. Hansen eller en helt anden?
Poulsen, F. R.
07/12/2023
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
19/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Fem ting du skal vide om rystesyge og ultralydsbehandling
Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Hypofyseadenom

Rom Poulsen, F.
13/05/2019
1 Mediebidrag

I MORGEN

Rom Poulsen, F.
26/12/2021
1 Mediebidrag

Lægefaglig uenighed lader rystende patienter i stikken

Rom Poulsen, F.
04/09/2020
1 Mediebidrag

Lægefaglig uenighed lader rystende patienter i stikken

Rom Poulsen, F.
08/09/2020
1 Mediebidrag

Ny teknik kan afsløre, om komapatienter vil vågne

Rom Poulsen, F.
01/06/2016
1 element af Mediedækning

OUH gør det lettere at fjerne kræftsvulster i hjernen

Rom Poulsen, F.
11/04/2017
1 element af Mediedækning

OUH-hjernekirurger bag stort studie: Et døgn med dræn kan forhindre tilbagefald

Poulsen, F. R.
15/06/2024
1 Mediebidrag

OUH-hjernekirurger bag stort studie: Et døgn med dræn kan forhindre tilbagefald

Poulsen, F. R.
15/06/2024
1 Mediebidrag

OUH-læger er klar med et nyt våben i kampen mod kræft

Rom Poulsen, F.
10/01/2017
2 elementer af Mediedækning

OUH-studie i hjerneblødninger: Dræn forhindrer tilbagefald

Poulsen, F. R.
19/06/2024
1 Mediebidrag

OUH-studie i hjerneblødninger: Dræn forhindrer tilbagefald

Poulsen, F. R.
19/06/2024
1 Mediebidrag

OUH-studie i hjerneblødninger: Dræn forhindrer tilbagefald

Poulsen, F. R.

19/06/2024

1 Mediebidrag

OUH-studie i hjerneblødninger: Dræn forhindrer tilbagefald

Poulsen, F. R.

19/06/2024

1 Mediebidrag

Patienter med rystesygge kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

19/07/2019

1 Mediebidrag

Patienter med rystesygge kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

19/07/2019

1 Mediebidrag

Professor: Her er den overraskende årsag til diskusprolaps

Poulsen, F. R.

10/06/2022

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.

18/07/2019

1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Danmark

Rom Poulsen, F.
18/07/2019
1 Mediebidrag

Ramt af rystelser i kroppen: Kæmper for at få ny behandling til Odense

Rom Poulsen, F.
18/07/2019
1 Mediebidrag

RYGSMERTER? SÅ ER DET NOK IKKE EN DISKUS

Poulsen, F. R.
19/05/2022
1 Mediebidrag

Sidste chance for at indstille din favorit

Poulsen, F. R.
03/12/2023
1 Mediebidrag

Susanne har rystet, siden hun var 12: Hendes og andre rystesyges skæbne afgøres snart

Rom Poulsen, F.
09/06/2020
1 Mediebidrag

Susanne har rystet, siden hun var 12: Hendes og andre rystesyges skæbne afgøres snart

Rom Poulsen, F.
09/06/2020
1 Mediebidrag

Til kamp mod kedelige idrætstimer

Rom Poulsen, F., Sauerberg, L. O. & Hansen, T.
03/02/2017
1 element af Mediedækning

Undervisning og vejledning

Neurosurgery and Neuroscience - practical and theoretical

Forsse, A., Schulz, M. K. & Rom Poulsen, F.
01/09/2016 → ...

Supervisor of medical student research year scholar

Forsse, A. & Rom Poulsen, F.
01/09/2017 → 01/07/2018