

ESP Advanced Training Centre in the area of Molecular Pathology Heidelberg, Germany

Specialist fields and techniques (open also to technicians/medical scientists)

Molecular pathology

Centre specification

Name of the centre and address

Institute of Pathology
University Hospital Heidelberg
Im Neuenheimer Feld 224
69120 Heidelberg

Chair of the centre

Prof. Dr. P. Schirmacher

Head of the training programme

Prof. Dr. P. Schirmacher

Details about specific training areas (particular method, field of subspeciality)

Molecular Pathology

Conditions

The center will offer one trainee position in Molecular Pathology at a time. The duration should be not more than 3 months, shorter periods are possible for applicants with advanced knowledge. We accept applicants all year round except for middle December till middle of January and during August/beginning of September. We will not charge the training and support will be given in finding an accommodation for a reasonable local price. If required we will support the applicant to obtain the necessary visa and other documents and send a letter of invitation as well as we will agree on duration and time of the stay beforehand. After completion of the training period the trainee will receive a detailed certificate describing the work.

Contact address for requests

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Attachments:

1. Training measures
2. Publications of the last 5 years
3. Seminars and Diagnostic courses at the Institute of Pathology
4. Previous guests
5. Flyer displaying the molecular technologies

Attachment 1:

Molecular Pathology training measures:

- Participation in processing/evaluation of daily routine cases (~4000 cases p.a.)
- Hands- on training in molecular pathology center
- Participation in molecular pathology research project
- Participation in internal training measures (3 h weekly)
 - Residents training meeting (1h weekly)
 - Research in progress meeting (1h weekly)
 - Journal Club (1 h weekly)
- Participation in regular interdisciplinary meetings (1 h weekly)
 - Molecular tumor board with NCT (1 h weekly)
 - Lung Tumor board (with strong emphasis on Molecular diagnostics) (1 h weekly)

Trainers (Board certified Pathologists with high expertise in Molecular Pathology and experienced Molecular Biologists with routine molecular pathology expertise):

Dr. A. Stenzinger

Dr. S. Singer

Dr. F. Lasitschka

Dr. R. Penzel

Dr. V. Endris

Dr. R. Brand

Dr. A.-L. Volckmar

Attachment 2: Publications of the last 5 years

Publications 2015

Colour code: **Blue**: molecular pathology specific

De Ponti A, Wiechert L, Schneller D, Pusterla T, Longeric T, Hogg N, Vogel A, Schirmacher P, Hess J, Angel P. A pro-tumorigenic function of S100A8/A9 in carcinogen-induced hepatocellular carcinoma. *Cancer Lett.* 2015 Dec;369(2):396-404.

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Elgohary N, Pellegrino R, Neumann O, Elzawahry HM, Saber MM, Zeeneldin AA, Geffers R, Ehemann V, Schemmer P, Schirmacher P, Longeric T. Protumorigenic role of Timeless in hepatocellular carcinoma. *Int J Oncol.* 2015 Feb;46(2):597-606.

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Goepfert B, Frauenschuh L, Zucknick M, Roessler S, Mehrabi A, Hafezi M, Stenzinger A, Warth A, Pathil A, Renner M, Schirmacher P, Weichert W. Major histocompatibility complex class I expression impacts on patient survival and type and density of immune cells in biliary tract cancer. *Br J Cancer.* 2015 Nov;113(9):1343-9.

Graham RP, Jin L, Knutson DL, Kloft-Nelson SM, Greipp PT, Waldburger N, Roessler S, Longeric T, Roberts LR, Oliveira AM, Halling KC, Schirmacher P, Torbenson MS. DNAJB1-PRKACA is specific for fibrolamellar carcinoma. *Mod Pathol.* 2015 Jun;28(6):822-9. doi: 10.1038/modpathol.2015.4. Epub 2015 Feb 20.

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Hoffmann K, Unsinn M, Hinz U, Weiss KH, Waldburger N, Longeric T, Radeleff B, Schirmacher P, Büchler MW, Schemmer P. Outcome after a liver resection of benign lesions. *HPB (Oxford).* 2015 Nov;17(11):994-1000.

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Kondylis V, Polykratis A, Ehlken H, Ochoa-Callejero L, Straub BK, Krishna-Subramanian S, Van TM, Curth HM, Heise N, Weih F, Klein U, Schirmacher P, Kellihfer M, Pasparakis M. NEMO Prevents Steatohepatitis and Hepatocellular Carcinoma by Inhibiting RIPK1 Kinase Activity-Mediated Hepatocyte Apoptosis. *Cancer Cell.* 2015 Nov 9;28(5):582-98.

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