



Welcome to the October edition of Alumni Monthly

This e-mail newsletter aims to bring you closer to what is happening at the DKFZ. There are plenty of job openings that might be interesting for you or someone you know. Please feel free to pass the information to your colleagues and students.

*The **annual Alumni excursion** takes us to Carl Zeiss Vision in Aalen. All Alumni and DKFZ colleagues are invited to join. Please see the details in the "Alumni matters" section.*

We hope you enjoy reading this newsletter and we are looking forward to hearing your suggestions for future issues.

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- » **News from the Press Office**
- » **Highlight Publications**
- » **Upcoming events**
- » **Job openings**
- » **Alumni matters**
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News from the Press Office

Harald zur Hausen becomes Honorary Citizen of Heidelberg

The long-standing Chairman of the Board of the German Cancer Research Center (DKFZ) and Nobel Prize winner for Medicine 2008 will become a honorary citizen of Heidelberg. Harald zur Hausen will be honored with the highest honor of the city of Heidelberg at a celebration on Thursday, 7th December 2017, in the town hall.

[press release in German](#)



Harald zur Hausen © DKFZ / Jutta Jung

Endowed chair at the German Cancer Research Centre commences work thanks to a one-million Euro donation from CTS EVENTIM



Karsten Rippe © Jutta Jung/DKFZ

The DKFZ has created an endowed Chair in Chromatin Networks with the University of Heidelberg. Karsten Rippe, a biophysicist, will take up the Chair and will lead this department of the DKFZ. The new professorship is funded by CTS EVENTIM, one of the world's leading providers of ticketing services and live entertainment. The company is providing the sum of one million Euro – the highest sum it has ever donated. [read more](#)

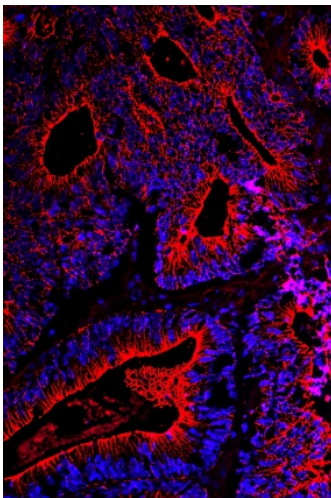
A shared vision of life without cancer

Two leading cancer research centres with a shared vision of life without cancer today announced they will collaborate to advance world-class research programs and education to benefit patients around the globe. The partners – Princess Margaret Cancer Centre, University Health Network, and the DKFZ – signed a Memorandum of Understanding in Toronto establishing the principles and framework for their collaboration. [read more](#)



Signing of the MoU: Prof. Michael Baumann, Chairman of the Board and Scientific Director DKFZ; Prof. Josef Puchta, Administrative Director DKFZ; Dr. Peter Pisters, President and Chief Executive Officer University Health Network, Toronto; Dr. Mary Gospodarowicz, Medical Director, Princess Margaret Cancer Centre © Princess Margaret Cancer Centre

Colorectal cancer screening: Nine different tests – but they deliver comparable results



Colon cancer under the microscope
© Lutz Langbein, DKFZ

The earlier colorectal cancer and its precancerous lesions are detected, the better. For this purpose, new immunological tests for hidden traces of blood in the stool have been in use since this year. These tests only deliver positive results if specific threshold values of hemoglobin are exceeded. Scientists from the DKFZ in Heidelberg have compared nine of these tests. Their result: All nine tests detect the vast majority of colorectal cancer cases and also many of its precancerous lesions. However, the manufacturers' specifications of the hemoglobin value above which there is a suspected case of colorectal cancer vary widely. Adjusting the thresholds, the scientists showed that all tests deliver very similar results. Even a smartphone test that functions without laboratory analysis can compete with test results from the laboratory. [read more](#)

WHO Collaborating Center for Tobacco Control reconfirmed - for the 4th time

To address the problem of tobacco-related epidemics, WHO is setting up WHO collaborating centers for tobacco control around the world. The WHO Collaborating Center at the DKFZ has been part of this network since 2002. Now it was confirmed again until November 2021.

[read more in German](#)



© DKFZ

Obesity in children and adolescents: Tenfold in only 40 years



© moodboard Premium - Fotolia.com

If the current trend continues, more obese than underweight children and adolescents will live from 2022 onwards. This was determined by an international consortium headed by the World Health Organization (WHO) and Imperial College London. In Germany, scientists from the DKFZ were involved in the study.

[read more in German](#)

Two honorary memberships for Wolfgang Schlegel

The German Society for Medical Physics (DGMP) has appointed Prof. Wolfgang Schlegel as an honorary member on the occasion of their anniversary in Dresden. This appointment honors his outstanding and long-standing merits for medical physics. At the same time, the Society of All European Medical Physicists (EFOMP) also appointed him as their honorary member. As a DKFZ Division Head, Wolfgang Schlegel made groundbreaking contributions to radiotherapeutic physics over several decades. Together with his colleagues, he developed novel radiation therapies that significantly improved the precision and effectiveness of cancer therapy with ionizing radiation, which have earned him many prizes. His research includes important areas of radiotherapeutic physics and technology such as 3D treatment planning, stereotactic radiotherapy, 3D-compliant radiation therapy, intensity-modulated radiotherapy (IMRT), image-guided radiotherapy (IGRT) and ion therapy.



Prof. Dr. Wolfgang Schlegel © DKFZ

Highlight Publications

Selected by the Research Program Coordinators

Direct Comparison of Diagnostic Performance of 9 Quantitative Fecal Immunochemical Tests for Colorectal Cancer Screening.

Gastroenterology. 2017 Sep 25. pii: S0016-5085(17)36177-2. doi: 10.1053/j.gastro.2017.09.018. [Epub ahead of print]

Gies A, Cuk K, Schrotz-King P, Brenner H

[link to article](#)

Human papillomavirus 16 E6 antibodies are sensitive for human papillomavirus-driven oropharyngeal cancer and are associated with recurrence.

Cancer. 2017 Sep 26. doi: 10.1002/cncr.30966. [Epub ahead of print]

Lang Kuhs KA, Kreimer AR, Trivedi S, Holzinger D, Pawlita M, Pfeiffer RM, Gibson SP, Schmitt NC, Hildesheim A, Waterboer T, Ferris RL

[link to article](#)

Immune evasion mechanisms of human papillomavirus: An update.

Int J Cancer. 2017 Sep 2. doi: 10.1002/ijc.31027. [Epub ahead of print]

Steinbach A, Riemer AB

[link to article](#)

Variant surface glycoprotein density defines an immune evasion threshold for African trypanosomes undergoing antigenic variation.

Nat Commun. 2017 Oct 10;8(1):828. doi: 10.1038/s41467-017-00959-w.

Pinger J, Chowdhury S, Papavasiliou FN.

[link to article](#)

Revisiting the Road Map of Medullary Thymic Epithelial Cell Differentiation.

J Immunol. 2017 Oct 9. pii: j11700203. doi: 10.4049/jimmunol.1700203. [Epub ahead of print]

Michel C, Miller CN, Kuchler R, Brors B, Anderson MS, Kyewski B, Pinto S.

[link to article](#)

A Tupaia paramyxovirus vector system for targeting and transgene expression.

J Gen Virol. 2017 Sep;98(9):2248-2257. doi: 10.1099/jgv.0.000887. Epub 2017 Sep 8.

Engeland CE, Bossow S, Hudacek AW, Hoyler B, Förster J, Veinalde R, Jäger D, Cattaneo R, Ungerechts G, Springfeld C.

[link to article](#)

Successful immune checkpoint blockade in a patient with advanced stage microsatellite-unstable biliary tract cancer.

Cold Spring Harb Mol Case Stud. 2017 Sep 1;3(5). pii: a001974. doi: 10.1101/mcs.a001974. Print 2017 Sep.

Czink E, Kloor M, Goepfert B, Fröhling S, Uhrig S, Weber TF, Meinel J, Sutter C, Weiss KH, Schirmacher P, Doeberitz MVK, Jäger D, Springfeld C.

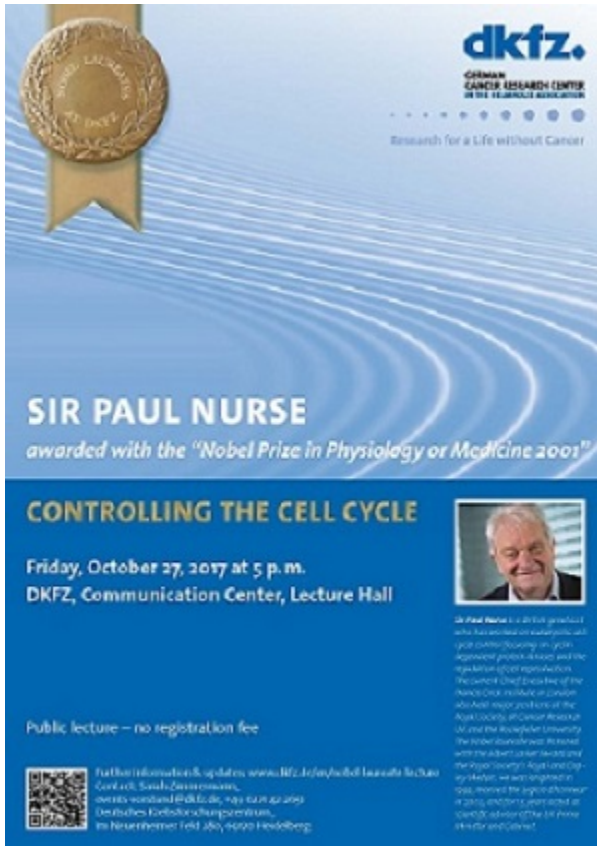
[link to article](#)

Upcoming events

Nobel Laureate Lecture: Sir Paul Nurse

Controlling the Cell Cycle

October 27, 2017, 17:00



The poster features a gold Nobel Prize medal at the top left. The DKFZ logo is at the top right, with the tagline "Research for a Life without Cancer". The central text reads "SIR PAUL NURSE awarded with the 'Nobel Prize in Physiology or Medicine 2001'". Below this, the title "CONTROLLING THE CELL CYCLE" is displayed in large, bold letters. The event details "Friday, October 27, 2017 at 5 p. m. DKFZ, Communication Center, Lecture Hall" are listed. A small portrait of Sir Paul Nurse is included. A QR code is located at the bottom left, and a small text block at the bottom right provides further information in German.

Sir Paul Nurse is a geneticist and cell biologist who has worked on how the eukaryotic cell cycle is controlled and how cell shape and cell dimensions are determined. His major work has been on the cyclin dependent protein kinases and how they regulate cell reproduction. He is Director of the Francis Crick Institute in London, and has served as President of the Royal Society, Chief Executive of Cancer Research UK and President of Rockefeller University. He shared the 2001 Nobel Prize in Physiology or Medicine and has received the Albert Lasker Award and the Royal Society's Royal and Copley Medals. He was knighted in 1999, received the Legion d'honneur in 2003, and for 15 years was a member of the Council for Science and Technology advising the UK Prime Minister and Cabinet concerning science and innovation issues, and is now a member of the EU Scientific Advice Mechanism. [details](#)

RTG2099 "Hallmarks of Skin Cancer Conference" (HoSC)

26/04 Dr. Dr. Amir Abdollahi: Biomarkers in Radiotherapy
17/05 Prof. Dr. Uwe Hampel: Industrial Application of Radiation
28/06 Prof. Dr. Leoni Kunz-Schughart: Tumor Pathophysiology

[details](#)

DKFZ CONFERENCE on Preventive Oncology

dkfz. GERMAN CANCER RESEARCH CENTER IN THE HELIUMSBERG ASSOCIATION
Research for a life without Cancer

DKFZ CONFERENCE 2018

Preventive Oncology: Facing the Challenges of Cancer Prevention and Early Detection

February 15 – 16, 2018
German Cancer Research Center (DKFZ)
Communication Center, Lecture Hall

www.dkfz.de/conference2018

Primary Prevention: Risk factor research aiming for practical interventions

- Novel interventional concepts, chemoprevention
- Epidemiology, personal risk, prediction
- Genetic predisposition, familial cancer

Secondary Prevention: Pushing the limits by earlier detection

- Tumor evolution, novel biomarkers
- Minimal invasive diagnosis, radiomics
- Systems approaches

Tertiary Prevention: Improving life with cancer

- Prognosis, personalized prevention

SAVE THE DATE!

Program Committee:
Michael Baumann
Lisa Mann
Petra Schmitt-Pink
Karin Dörner
Holger Köhlmann

Organizing Team:
Alexa Arnold
Claudia Reschke
Imtiazul Williams

Deutsches Krebsforschungszentrum (DKFZ) | Im Neuenheimer Feld 280 | 69120 Heidelberg | Germany | www.dkfz.de

February 15 – 16, 2018

Primary Prevention: Risk factor research aiming for practical interventions

- Novel interventional concepts, chemoprevention
- Epidemiology, personal risk, prediction
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Secondary Prevention: Pushing the limits by earlier detection

- Tumor evolution, novel biomarkers
- Minimal invasive diagnosis, radiomics
- Systems approaches

Tertiary Prevention: Improving life with cancer

Prognosis, personalized prevention

Poster abstract submission deadline:

24 November 2017 - via the website or directly using:

www.dkfz.de/en/conference2018/regPoster-form.php

Further details can be found here:

www.dkfz.de/conference2018

Job openings

Scientific jobs

- 295/2017 Research Software Engineer - Medizinische Bildverarbeitung
- 293/2017 Assistenzärztin / Assistenzarzt - Radiologie
- 291/2017 Wissenschaftliche/r Mitarbeiter/in im Bereich Medizinische Informatik/ Informatiker/in - Medizinische Informatik in der Translationalen Onkologie
- 290/2017 Full professorship (W3) in "Medical Image Processing" -
- 288/2017 Wissenschaftliche/r Mitarbeiter/in in der Software-Entwicklung in Voll- oder Teilzeit mit mind. 24 Std./Woche - Medizinische Informatik in der Translationalen Onkologie / Zentrales Datenmanagement NAKO-Gesundheitsstudie
- 278/2017 Wissenschaftliche/r Mitarbeiter/in - Medizinische Informatik in der Translationalen Onkologie
- 270/2017 Wissenschaftliche/r Mitarbeiter/in im Bereich Medizinische Informatik/ Softwareentwicklung - Medizinische Informatik in der Translationalen Onkologie
- 269/2017 Full Professorship (W3) in "Infection, Inflammation and Cancer" -
- 268/2017 Research Engineer - Computer Assisted Medical Interventions
- 258/2017 Postdoctoral Scientist in Applied Health Economics - Health Economics

- 241/2017 Bioinformatiker/in Softwareentwicklung (FH) - Signalwege und Funktionelle Genomik

PhD studentships

- PhD Positions in Cancer Research within the International PhD Program
- 285/2017 PhD Student - Molecular and Cellular Oncology - Translational Oncology
- 284/2017 PhD Student - Molecular Genome Analysis
- 283/2017 PhD Position in translational research - Immunogenetics
- 214/2017 PhD Position - Preventive Oncology

Laboratory / Engineering department

- 292/2017 MTA/ BTA - Deutsches Konsortium für Translationale Krebsforschung (DKTK) Tübingen
- 281/2017 MTA/ BTA/ CTA - Episomal Persistierende DNA in Krebs- und Chronischen Erkrankungen
- 279/2017 Biologisch-technische/r Assistent/in (BTA) oder Chemisch-technische/r Assistent/in (CTA) - Deutsches Konsortium für Translationale Krebsforschung (DKTK) Freiburg
- 264/2017 Technische/r Assistent/in - Angewandte Funktionelle Genomik
- 256/2017 Ingenieur/in Versorgungstechnik - Technische Infrastruktur
- 236/2017 Technische/r Assistent/in in Teilzeit 19,75 Std./Woche - Deutsches Konsortium für Translationale Krebsforschung (DKTK) Freiburg Administration
- 280/2017 Sekretär/in / Fremdsprachenkorrespondent/in in Teilzeit 19,75 Std./Woche - Molekulare Neurogenetik
- 225/2017 Medical Writer / Arzt/Ärztin - Krebsinformationsdienst
- 210/2017 Arzt/ Ärztin in Teilzeit 20 Std./Woche - Krebsinformationsdienst

Further job offers

- 289/2017 UI/UX Designer/in in Voll- oder Teilzeit mit mind. 20 Std./Woche - Medizinische Informatik in der Translationalen Onkologie
- 286/2017 Informatiker/in / Bioinformatiker/in Cloudtechnologie - Theoretische Bioinformatik
- 277/2017 Medizinische Dokumentare/innen - Nationales Centrum für Tumorerkrankungen
- 276/2017 Study Nurses - Nationales Centrum für Tumorerkrankungen
- 274/2017 Medizinische/r Dokumentar/in in Teilzeit 19,75 Std./Woche - Krebsinformationsdienst
- 265/2017 Studentische Hilfskraft Informatik in Teilzeit 83 Std./Monat - Deutsches Konsortium für Translationale Krebsforschung (DKTK) Dresden
- 235/2017 IT Dateningenieur/in / Softwareentwickler/in - Deutsches Konsortium für Translationale Krebsforschung (DKTK) Dresden

[link to job offers](#)

Alumni matters

Annual Alumni Excursion

Visit of Carl Zeiss Vision International in Aalen



Dr. Christian Lappe © Zeiss

Tuesday, December 12th, 2017

This year, DKFZ Alumni and all interested DKFZ colleagues are invited on behalf of alumnus Dr. Christian Lappe, Director Scientific Affairs & Technical Communications.

On this full day excursion we will have the opportunity of a site visit and a tour of the Zeiss museum as well as plenty of time to meet the experts.

Participation is free of charge and the number of places is limited to 50. Please sign up with susanne.schunk@dkfz.de. The program details will follow.

Alumni Get-Together in London

On 3rd October 2017, Franziska Schmidt from the International PhD Program organized a get-together for DKFZ alumni in London. 10 DKFZ alumni from London, Cambridge and Oxford met and engaged in lively conversations about their time at the DKFZ, their current positions and



research and other topics like the Brexit. All were of the opinion that it was great to catch up again and that this event should be repeated. On the next day, Franziska represented the DKFZ within the booth of the Helmholtz Association at the Naturejobs Career Expo, informing scientists about research opportunities at the DKFZ.

The Alumni Association organizes get-togethers in Boston, San Francisco, London, Zürich, Basel, Berlin, ... In case you would like to set up a DKFZ alumni get-together in your area, we'd be happy to support you. Please contact us at meet-alumni@dkfz.de for more information.

DKFZ Career Day



© Barbara Janssens

Aim high, stay grounded

This was the inspiring advice by Stefan Hell at last Friday's DKFZ Career Day "Academia" with more than 300 participants, including many DKFZ and MCAA Alumni. Topics were Academia 4.0 (Industry and Academia: Friends not foes), Funding (with DAAD, MSCA, Euro-Bioimaging and CORBEL), Personal Experience from Academics who made it and Mentoring.

Stay Connected



Join the Alumni Association

Alumni members benefit from an attractive range of activities:

- Alumni Monthly electronic newsletter reporting on recent developments at the DKFZ
- Publication of Alumni Magazine reporting on Alumni activities
- Eligibility for a DKFZ Alumni email address your.name@alumni.dkfz.de
- Biennial General Alumni Meeting and Scientific Symposium, including travel grants
- Invitations to social events and excursions

All current and former DKFZ colleagues are welcome to join. Please register at www.dkfz.de/en/alumni



- **Current & former DKFZ**
- **Employees & Alumni**
- **Career Network**
- **Advice & Mentoring**
- **News & Events**
- **Jobs**



Join DKFZ Connect

Join more than 2156 colleagues on DKFZ Connect, the online platform for networking and mentoring between former and current employees, including events and job postings. You can register per email or easily sync your profile with social media on www.dkfz-connect.de

Imprint

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