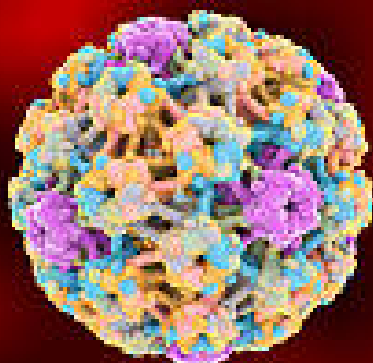


# 1<sup>st</sup> Cologne Symposium on missing links in HPV biology: Focus on head & neck and skin cancer

May 17 - 18, 2019 in Cologne, DE

Participation in the meeting is free of charge –  
free registration required.

Further information: [www.cmmc-uni-koeln.de](http://www.cmmc-uni-koeln.de)



Organizers  
Baki Akgül - Jens Peter Klussmann  
University Hospital Cologne  
in cooperation with the CMMC

**CMMC** CENTER FOR  
MOLECULAR MEDICINE  
COLOGNE

Universität  
zu Köln



UNIKLINIK  
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11.30 - 12.50 p.m. Reception with Welcome-Lunch

12.50 p.m. Welcome Address

Thomas Krieg Dean - Medical Faculty, University of Cologne

Thomas Benzing Chair - Center for Molecular Medicine Cologne, University of Cologne

Opening Remarks

Baki Akgül Institute for Virology, University of Cologne

Jens Peter Klussmann Dept. of Otorhinolaryngology, Head and Neck Surgery,  
University Hospital of Cologne

## Session I Epidemiology

Chair Baki Akgül - Institute for Virology, University of Cologne - Cologne, DE

1.00 - 1.30 p.m. Association of beta-HPV and skin cancer

[Herbert Pfister](#) - Institute for Virology, University of Cologne - Cologne, DE

1.30 - 2.00 p.m. Detection and natural history of HPV infection of oral cavity and tonsils

[Ulrike Wieland](#) - Institute for Virology and National Reference Center for Papilloma- and Polyomaviruses, University Hospital of Cologne - Cologne, DE

2.00 - 2.30 p.m. Immunological control of HPV-driven oropharyngeal cancer

[Sjoerd H van der Burg](#) - Dept. of Clinical Oncology, Leiden Univ. Medical Center - Leiden, NL

2.30 - 3.00 p.m. *Coffee Break*

## Session II Immunobiology

Chair Jens Peter Klussmann - Dept. of Otorhinolaryngology, Head and Neck Surgery, University Hospital of Cologne - Cologne, DE

3.00 - 3.30 p.m. What happens between seroconversion and development of HPV positive oropharyngeal cancer?

[Tim Waterboer](#) - Infections and Cancer Epidemiology, German Cancer Research Center (DKFZ) - Heidelberg, DE

3.30 - 4.00 p.m. Homeostasis and adaptation of epithelial transition zone niche: the hot spots of infection and cancer

[Cindrilla Chumduri](#) - Dept. Molecular Biology, MPI for Infection Biology - Berlin, DE

4.00 - 4.30 p.m. Tumor microenvironment as biomarker of HPV positive oropharyngeal cancer?

[Tina Dalianis](#) - Dept. of Oncology-Pathology, Karolinska Institute - Stockholm, SE

4.30 - 5.00 p.m. *Coffee Break*

## Session III Genetics

Chair Alexander Quaas - Institute for Pathology, University Hospital Cologne - Cologne, DE

5.00 - 5.30 p.m. Mutation signature in epithelial cancer

[Julie George](#) - Dept. of Translational Genomics, University Hospital Cologne - Cologne, DE

5.30 - 6.00 p.m. Causes and consequences of HPV integration in oropharyngeal cancer

[Ernst-Jan M Speel](#) - Dept. of Pathology, Maastricht University Medical Center - Maastricht, NL

6.00 - 6.30 p.m. Genetic signature of HPV positive oropharyngeal cancer

[Ruud H Brakenhoff](#) - Amsterdam UMC, Vrije Universiteit Amsterdam, Otolaryngology-Head and Neck Surgery, Cancer Center Amsterdam - Amsterdam, NL

6.30 - 9.00 p.m. Invitation of the Get-Together "Missing Link in HPV Biology" at the venue  
free finger food and drinks

Saturday - May 18, 2019

## Session IV Stem cell and differentiation

Chair Paola Zigrino - Dept. of Dermatology, University Hospital Cologne - Cologne, DE

9.00 - 9.30 a.m. **Cancer stem cells in HPV-related cancer**

[Michael Herfs](#) - Laboratory of Exp. Pathology, GIGA Cancer, University of Liege - Liege, BE

9.30 - 10.00 a.m. **Role of skin stem cells in beta-HPV carcinogenesis**

[Girish Patel](#) - European Cancer Stem Cell Research Institute, School of Bioscience, Cardiff University - Cardiff, GB

10.00 - 10.15 a.m. *Coffee Break*

10.15 - 10.45 a.m. ***Mastomys natalensis* as animal model to understand cutaneous HPV carcinogenesis**

[Frank Rösl](#) - Division of Viral Transformation Mechanisms, German Cancer Research - Heidelberg, DE

10.45 - 11.15 a.m. **HPV oncoproteins manipulate epithelial differentiation**

[Elizabeth White](#) - Dept. of Otorhinolaryngology, University of Pennsylvania Perelman School of Medicine - Philadelphia, US

11.15 - 11.30 a.m. *Coffee Break*

## Session V Carcinogenesis

Chair Gertrud Steger - Institute for Virology, University Hospital Cologne - Cologne, DE

11.30 - 12.00 a.m. **Multiple interactions of E6 protein across papillomavirus species**

[Gilles Trave](#) - Dept. of Integrated Structural Biology, INSERM, University of Strasbourg - Strasbourg, FR

12.00 - 12.30 p.m. **Interference of HPV with DNA damage and repair pathway**

[Nicholas N Wallace](#) - Division of Biology, Kansas State University- Manhattan, US

12.30 - 1.00 p.m. **Cutaneous papillomaviruses: from mice to men**

[Karl Mürnger](#) - Division of Biology, Kansas State University- Manhattan, US

1.00 - 1.45 p.m. *Lunch Break*

## Session VI Epigenetics

Chair Michal-Ruth Schweiger - Lab. for Epigenetics & Tumorgenetics, Univ. of Cologne - Cologne, DE

1.45 - 2.15 p.m. **Epigenetic and autophagic changes in skin cancer**

[Daniele Bergamaschi](#) - Centre for Cell Biology and Cutaneous Research, Blizard Institute, Barts and the London School of Medicine and Dentistry, Queen Mary University - London, GB

2.15 - 2.45 p.m. **Methylation of the HPV genome**

[Magnus von Knebel-Doeberitz](#) - Dept. of Applied Tumor Biology, Institute of Pathology, University Hospital of Heidelberg and German Cancer Research Center - Heidelberg, DE

2.45 - 3.15 p.m. **The methylome and miRNA profile in HPV positive cancer**

[Jochen Hess](#) - Dept. of Otorhinolaryngology, Head and Neck Surgery, University Hospital of Heidelberg - Heidelberg, DE

## 3.15 - 3.30 p.m. Concluding remarks and leave taking

Baki Akgül and Jens Peter Klussmann  
University of Cologne and University Hospital of Cologne

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## General Information

The meeting is open and no registration or attendance fee is required.  
Participation is free of charge - free registration is required.

Childcare is provided by Spielland, University Hospital Cologne.

If you require an official invitation letter for travel refunding or visa issues, please contact  
Debora Grosskopf-Kroiher - [debora.grosskopf-kroiher@uni-koeln.de](mailto:debora.grosskopf-kroiher@uni-koeln.de)

Center for Molecular Medicine Cologne (CMMC), University of Cologne  
CMMC Research Building, Robert-Koch-Str. 21, 50931 Cologne, Germany

## Venue

Main Lecture Hall, Faculty of Medicine, University of Cologne

Access only possible from Joseph-Stelzmann-Str. 26 - please follow the yellow signs.

<https://www.cmmc-uni-koeln.de/events/cologne-symposium-missing-link-in-hpv-biology-2019/venue/>

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We gratefully acknowledge support by following partners:

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