

## CONTACT



MOLECULAR MECHANISMS  
REGULATING SKIN HOMEOSTASIS

### Organizing Committee

Carien Niessen [carien.niessen@uni-koeln.de](mailto:carien.niessen@uni-koeln.de)  
Thomas Krieg [thomas.krieg@uni-koeln.de](mailto:thomas.krieg@uni-koeln.de)  
Sandra Iden [sandra.iden@uk-koeln.de](mailto:sandra.iden@uk-koeln.de)  
Hisham Bazzi [hisham.bazzi@uk-koeln.de](mailto:hisham.bazzi@uk-koeln.de)  
Gerhard Sengle [gsengle@uni-koeln.de](mailto:gsengle@uni-koeln.de)  
Martin Denzel [MDenzel@age.mpg.de](mailto:MDenzel@age.mpg.de)

### Meeting office

Julia Zielinski [julia.zielinski@uk-koeln.de](mailto:julia.zielinski@uk-koeln.de)

### Layout

Katharina Link  
Sarina Combé

### Website

[sfb829.uni-koeln.de](http://sfb829.uni-koeln.de)

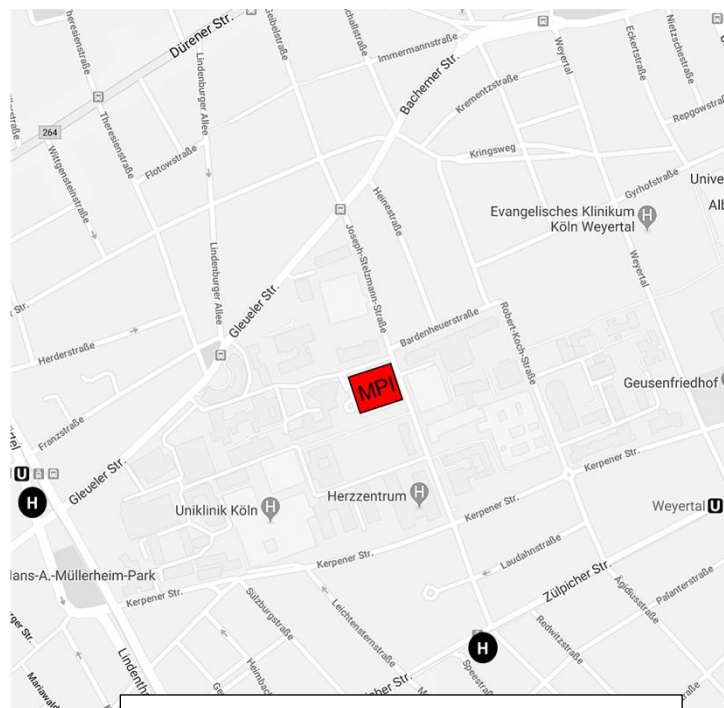
### Twitter

[#skin2018cgn](https://twitter.com/skin2018cgn)

## VENUE



Max Planck Institute for Biology of Aging  
Joseph-Stelzmann-Str. 9b, 50931 Cologne



**How to get to the meeting by public transport:**  
Tram number 9: Station "Lindenburg" (Zülpicher Str.)  
Tram number 13: Station „Gleuler Str./Gürtel“

## SUPPORT

We are gratefully acknowledge support by:



INTERNATIONAL SYMPOSIUM SFB 829

# Molecular Mechanisms regulating Skin Homeostasis

**November 12 – 14, 2018**

### VENUE

Max Planck Institute for Biology of Aging  
Joseph-Stelzmann-Str. 9b,  
50931 Cologne

## GENERAL INFORMATION

### Internet access

WLAN is available within the MPI. Please ask for access details at the conference desk.

### Certificate of attendance

Certificates of attendance are available at the conference desk upon request

### Lunch and dinner

Minerva's Lounge at the MPI or the Bistro Oliveri at the CECAD Research Center across the street are good places for lunch. There are also a lot of restaurants, pubs and bistros at Zülpicher Straße or Dürener Straße, only 5 – 10 minutes by feet.



# MONDAY, Nov 12

|               |  |
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| 09.00 – 12.00 | Satellite Meeting: GSDRC Young PI Meeting at CECAD research center seminar room 1  |
| 12.30 – 14.00 | Lunch at MPI (for the speakers)  |
| 14.00 – 14.10 | Welcome notes by SFB speaker Carien Niessen  |
| 14.10 – 14.55 | <b>Keynote lecture Kathleen Green</b><br>Northwestern University Chicago, USA<br><i>From epidermal morphogenesis to melanoma: Emerging roles of desmosomal cadherins</i> |

## SESSION I Cell fate and differentiation in the skin

Chair: Martin Denzel | Co-chair: Houda Khatif (Bazzi Lab)

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| 14.55 – 15.25 | <b>Tudorita Tumbar</b><br>Cornell University, New York, USA<br><i>Hair follicle stem cells and vasculature cross-talking in normal homeostasis of adult skin</i> |
| 15.25 – 15.45 | <b>Sandra Iden</b> SFB 829 Cologne<br><i>Crosstalk of polarity and mechanical signaling in epidermal homeostasis</i>   |

15.45 – 16.10 Coffee break with discussions

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| 16.10 – 16.30 | <b>Catherin Niemann</b> SFB 829 Cologne<br><i>Molecular mechanisms underlying heterogeneity in hair follicle stem cell function</i> |
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| 16.30 – 17.00 | <b>Marja Mikkola</b><br>University of Helsinki, Finland<br><i>Epithelial-mesenchymal interactions in hair follicle induction</i> |
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| 17.00 – 17.20 | <b>Carien Niessen</b> SFB 829 Cologne<br><i>Metabolic signaling in epidermal morphogenesis, homeostasis and disease</i> |
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17.20 Get-together with drinks and snacks at CECAD

18.00 Poster session at CECAD Research Center

# TUESDAY, Nov 13

## SESSION II Cellular crosstalk in inflammation and wound healing

Chair: Mario Fabri | Co-chair: Julian Nüchel (Ploman lab)

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| 09.00 – 09.30 | <b>Sandrine Henri</b><br>Aix Marseille Université, France<br><i>From tolerance to immunity: Phenotypic and functional complexity of the myeloid compartment</i> |
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| 09.30 – 09.50 | <b>Manolis Pasparakis</b><br>SFB 829 Cologne<br><i>Cell death and inflammation in the skin</i> |
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| 09.50 – 10.20 | <b>Cedric Gaggioli</b><br>University Cote d'Azur, Nice, France<br><i>Mechanical regulation of skin cancer development</i> |
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10.20 – 11.00 Coffee break with discussions

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| 11.00 – 11.30 | <b>Maria Sibilja</b><br>Medical University of Vienna, Austria<br><i>Skin inflammation induced by EGFR targeted therapies</i> |
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| 11.30 – 11.50 | <b>Sabine Eming</b><br>SFB 829 Cologne<br><i>Metabolic regulation of skin function</i> |
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| 11.50 – 12.35 | <b>Keynote lecture Adrian Hayday</b><br>King's College London; The Francis Crick Institute, London, UK<br><i>Seeing double: Risk assessment in tissue immunosurveillance</i> |
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12.35 – 14.30 Lunch break (Meet-the-speakers)

## SESSION III Cell damage, regeneration and ageing

Chair: Alvaro Rada-Iglesias | Co-chair: Snehlata Kumari (Pasparakis lab)

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| 14.30 – 15.00 | <b>Yuval Rinkevich</b><br>Helmholtz Zentrum, Munich, Germany<br><i>Successions between En1 + /- fibroblastic lineages drives dermal development, and its phenotypic transition from regeneration to scarring</i> |
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| 15.00 – 15.20 | <b>Thomas Krieg</b><br>SFB 829 Cologne<br><i>Regulation of connective tissue deposition and organization by cell matrix interactions</i> |
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| 15.20 – 15.50 | <b>John O'Neill</b><br>Cambridge Biomedical Campus, UK<br><i>Circadian actin dynamics drive rhythmic fibroblast mobilization during wound healing</i> |
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15:50 – 16.30 Coffee break with discussions

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| 16.30 – 17.00 | <b>Marco Demaria</b><br>University of Groningen; European Research Institute for the Biology of Aging, Netherlands<br><i>Tumors as wounds that don't heal: The case of cellular senescence</i> |
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| 17.00 – 17.20 | <b>Jan Hoeijmakers</b><br>SFB 829 Cologne<br><i>The impact of DNA damage, transcription stress and nutrition on aging</i> |
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| 17.20 – 17.50 | <b>Marco Foiani</b><br>IFOM-FIRC Institute of Molecular Oncology, Milan; DIPO-University of Milan, Italy<br><i>Mechanism coupling nuclear mechanics and cell migration</i> |
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18.30 Speakers' dinner (by invitation)

# WEDNESDAY, Nov 14

## SESSION IV Matrisomes, integrins and tissue remodeling

Chair: Matthias Hammerschmidt | Co-chair: Christin Adamo (Sengle lab)

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| 09.00 – 09.45 | <b>Keynote lecture Yasemine Belkaid</b><br>National Institutes of Health, Bethesda, USA<br><i>Control of skin immunity and repair by the microbiota</i> |
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| 09.45 – 10.15 | <b>Laura Machesky</b><br>University of Glasgow, UK<br><i>Rho GTPase regulation of melanoblast migration</i> |
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| 10.15 – 10.45 | <b>Pere Roca-Cusachs</b><br>University of Barcelona, Spain<br><i>Sensing the matrix: Transducing mechanical signals from integrins to the nucleus</i> |
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10.45 – 11.15 Coffee break with discussions

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| 11.15 – 11.35 | <b>Gerhard Sengle</b><br>SFB 829 Cologne<br><i>Integration of growth factor signaling by extracellular supramolecular networks</i> |
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| 11.35 – 12.05 | <b>Johanna Ivaska</b><br>University of Turku, Finland<br><i>Integrin activity and adhesion dynamics</i> |
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12.05 End of symposium