The Doctoral Research Training Programs GRK2599, GRK2504 and RTG2740 present the

6TH INTERNATIONAL GK SYMPOSIUM

REGULATORS OF ADAPTIVE IMMUNITY

Erlangen
October 5 – 7
2023

Organizers
DFG Doctoral Training Programs
2599, 2504, 2740

Organisation:
Prof. Dr. Udo Gaipl
Prof. Dr. Diana Dudziak
Prof. Dr. Hans-Martin Jäck
Dr. Lena Marx
Katharina Knab
Ann-Sophie Flohr
Leonie Weckwerth
Ariful Haque Abir
Atefeh Sadeghi Shermeh
Lizi Trapaidze
Marie Steffensen
Timothy Chege Kuria

Website:
www.lymphozyten.med.fau.de

Venue
ERLANGEN

Lecture Hall:
Östliche Stadtmauerstraße 11

Poster session:
Nikolaus-Fiebig-Zentrum, Glückstraße 6

Speakers Dinner:
Thalermühle, Thalermühlstraße 1

Scientific Goodbye
Logenhaus, Universitätsstraße 25

Evening:

Sponsors

Thermo Fisher
Scientific
1550 €

Novogene
1550 €

vizgen
1000 €

biomol
700 €

Supported by:
Deutsche Forschungsgemeinschaft

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Lena.Marx@uk-erlangen.de
+49 9131 85-43219

Medical Director of the Symposium:
Prof. Dr. Kai Hildner

Director:
Prof. Dr. Hans-Martin Jäck
www.lymphozyten.med.fau.de

Director:
Prof. Dr. Klaus Überla
www.virologie.uk-erlangen.de/en/grk2504

Director:
Prof. Dr. Christian Bogdan
www.immunomicrtope.de

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<th>Chair(s)</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Registration</td>
<td></td>
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</tr>
<tr>
<td>09:00</td>
<td>Welcome</td>
<td>Speakers &amp; student speakers of the GRK2599</td>
<td></td>
</tr>
<tr>
<td>09:10</td>
<td>Steffen Jung</td>
<td>Fine-tuners of the innate immune system</td>
<td>Probing Tissue Macrophage and Monocyte functions in Health and Disease</td>
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<tr>
<td>09:50</td>
<td>Marco Prinz</td>
<td>Fine-tuners of the innate immune system</td>
<td>The myeloid side of the brain</td>
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<tr>
<td>10:30</td>
<td>Coffee Break</td>
<td></td>
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<tr>
<td>11:00</td>
<td>Sho Yamasaki</td>
<td>Fine-tuners of the innate immune system</td>
<td>Self-referential immune perception through C-type lectin receptors</td>
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<tr>
<td>11:40</td>
<td>Lyne E. Maquat</td>
<td>Fine-tuners of the innate immune system</td>
<td>Nonsense-mediated mRNA decay and the innate immune response</td>
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<tr>
<td>12:20</td>
<td>Lunch Break</td>
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<tr>
<td>14:20</td>
<td>Donna Farber</td>
<td>Fine-tuners of the innate immune system</td>
<td>The changing landscape of human tissue immunity over life</td>
</tr>
<tr>
<td>09:00</td>
<td>Lorenzo Galluzzi</td>
<td>Fine-tuners in disease - Clinical translation</td>
<td>A novel, radiotherapy actionable immunological mechanism of resistance to CDK4/6 inhibitors in HR+ breast cancer</td>
</tr>
<tr>
<td>09:40</td>
<td>Laia Querol-Cano</td>
<td>Fine-tuners in disease - Clinical translation</td>
<td>Galectin-mediated interactions are essential in governing dendritic cell anti-melanoma immunity</td>
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<td>Fine-tuners in disease - Clinical translation</td>
<td>IgA as novel isotype to treat cancer</td>
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<td>Mariola Kurowska-Stolarska</td>
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<td>The role of synovial tissue DC and macrophages in regulation of joint homeostasis and pathology</td>
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<td>Eric Deutsch</td>
<td>Fine-tuners in disease - Clinical translation</td>
<td>Synergy between physics and biology to make the most out of radioimmunotherapy</td>
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<td>14:50</td>
<td>Francisco J. Quintana</td>
<td>Fine-tuners in disease - Clinical translation</td>
<td>Regulation of CNS inflammation</td>
</tr>
<tr>
<td>15:30</td>
<td>Coffee Break</td>
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<tr>
<td>16:15</td>
<td>Poster session</td>
<td></td>
<td>120 min, location: Nikolaus-Fiebiger-Zentrum, Glückstr. 6</td>
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<tr>
<td>19:00</td>
<td>Scientific Goodbye Evening</td>
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<td>(admission only with congress party ticket)</td>
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**Friday, October 6, 2023**

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<td>Coffee Break</td>
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<tr>
<td>16:15</td>
<td>Mark Slifka</td>
<td>Vaccine Durability - what have we learned so far?</td>
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<td>19:00</td>
<td>Scientific Goodbye Evening</td>
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**Saturday, October 7, 2023**

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<tr>
<td>08:30</td>
<td>Registration</td>
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<tr>
<td>09:00</td>
<td>Hyun-Dong Chang</td>
<td>Fine-tuners of the innate immune system</td>
<td>Deciphering the intersections of microbial language and immunity</td>
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<tr>
<td>09:40</td>
<td>Arthur Mortha</td>
<td>Fine-tuners of the innate immune system</td>
<td>Regulation of tissue immunity by a gut protozoan commensal</td>
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<tr>
<td>10:20</td>
<td>Coffee Break</td>
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<td></td>
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<tr>
<td>10:50</td>
<td>Marcel R. de Zoete</td>
<td>Fine-tuners of the innate immune system</td>
<td>The bacterial inflammatory metabolite ADP-heptose: important during intestinal inflammation?</td>
</tr>
<tr>
<td>11:20</td>
<td>Franca Ronchese</td>
<td>Fine-tuners of the innate immune system</td>
<td>Allergic priming by skin dendritic cells</td>
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<tr>
<td>12:00</td>
<td>Lunch Break</td>
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<tr>
<td>13:20</td>
<td>Marzia Malcangio</td>
<td>Fine-tuners of the innate immune system</td>
<td>Neuroimmune interactions in chronic pain</td>
</tr>
<tr>
<td>14:00</td>
<td>Christina E. Zielinski</td>
<td>Fine-tuners of the innate immune system</td>
<td>Regulation of human T cells by the tissue microenvironment</td>
</tr>
<tr>
<td>15:20</td>
<td>Farewell</td>
<td>Speakers &amp; student speakers of the GRK2599</td>
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