



Academy of Immunology

Testimonial



,... The schools provide an overview of the different areas in immunology, mixing basics & background with current research, ensuring close contact to the tutors and above all they give you the possibility to present your work in a protected setting, but outside of your own research group...'

'... it was the most constructive discussion of a poster that I have experienced so far...'

'... an outstanding feature of the DGfI schools is the fact that the tutors take great interest in the participants and are eager to lead constructive discussion with the participants. Organizers and speakers readily pass on their experience and knowledge and it's really encouraging for young scientists...'

Stephanie Saul
participant at the Autumn School (2011),
the Spring School (2014) and the Translational
School (2015)

The Academy of Immunology is organized by the German Society for Immunology (DGfI) and provides training in cutting-edge immunology

- **Module 1:**
Autumn School 'Current concepts in Immunology'
Introductory training in basic and clinical immunology
- **Module 2:**
Spring School on Immunology
Advanced training in specialized immunological topics
- **Module 3:**
Translational Immunology School
Advanced training in immunology with special focus on connecting basic research in immunology and clinical medicine

All courses are organized by renowned immunologists, invited speakers are amongst the best in their field (from Germany, Europe, USA & Asia).

The schools will not only help you to better understand the complex networks in the immune system, but will give you new ideas for your own research and above all will help you to foster your own professional network, both in academia and industry.

The entire course is live-in for both tutors and participants with all meals taken communally. With a high tutor-participant ratio and an intimate setting there is ample opportunity for informal interaction that would be impossible at a large conference.

Looking forward to welcoming you at the next school!



Seminar, Autumn School 2015



Seminar,
Autumn School 2015



Seminar,
Spring School 2016



Poster session,
Translational School 2016

Our concept - Your opportunities

Academy of Immunology		Target audience	since
Module 1 Autumn School <i>Current Concepts in Immunology</i>	Introductory training course in basic and clinical immunology	Beginners in immunology, e.g. Master, PhD and medical students, also open to seniors and participants from companies	2009
Module 2 Spring School on Immunology	Advanced training in specialized immunological topics	Scientists with solid knowledge of immunology, e.g. doctoral students in their last year	2005
Module 3 Translational Immunology School (TIS)	Advanced training in immunology with special focus on connecting basic research in immunology and clinical medicine	Scientists and physicians working on translational and clinical aspects of immunology	2012

Further qualification

Certified Immunologist DGfI	Certifies the qualification to perform autonomous research in at least one field of immunology, to evaluate experimental or diagnostic lab results, and to recommend therapeutic measures	Experienced, independent researchers in immunology	2006
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Save the date
9th Autumn School: 8.-13.10.2017
10th Autumn School: 7.-12.10.2018



Autumn School *Current Concepts in Immunology*



Scientific Organizers

Ria Baumgrass, Berlin
Sandra Beer-Hammer, Düsseldorf
Olaf Groß, München
Hans-Martin Jäck, Erlangen
Jochen Kalden, Erlangen
Thomas Kamradt, Jena
Jürgen Wienands, Göttingen

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Time	Sunday 09.10.2016	Monday 10.10.2016	Tuesday 11.10.2016	Wednesday 12.10.2016	Thursday 13.10.2016	Friday 14.10.2016
08:30	Arrival & Registration (starting at 3pm)	Hans-Martin Jäck Overview	Diana Dudziak How dendritic cells activate T cells	Sandra Beer-Hammer How to construct transgenic mice	Christian Bogdan Vaccination	Departure
09:20		Olaf Groß How innate immunity protects I	Ludger Klein How T cells mature	Jürgen Wienands How B cells mature	Wolfgang Schuh Gut immunity	
10:10		Break	Break	Break	Break	
10:40		Stefan Bauer How innate immunity protects II	Hans-Jörg Schild How helper T cells regulate immunity	Hans-Martin Jäck How B cells produce antibodies	Claudia Traidl-Hoffmann How allergy develops	
		Peter Zipfel Complement	Hyun-Dong Chang How effector CD4 T cells develop	Niklas Engels How lymphocytes remember	Angela Krackhardt How T cells kill	
		Axel Roers Granulocytes & mast cells	Carsten Watzl Cytotoxic lymphocytes	Rudi Manz The other role of plasma cells		
13:00		Lunch & Meet-the-speakers	Lunch & Meet-the-speakers	Lunch & Meet-the-speakers	Lunch & Meet-the-speakers	
14:15		Meet the companies	Free time	Free time	Free time	
15:00			Chiara Romagnani How innate helper cells control	Round Table Discussion Groups TOPICS Animal research/ animal rights (TK) Flow cytometry (WS/RB) CRISPR/Cas (NE/OG) Vaccination(CB/HMJ)	Thomas Kamradt How autoimmune diseases develop	
16:00			Break	Michael Zemlin	Joachim Kalden	
17:00	Welcome	Break	Break	Break		
17:15 - 18:15	Robert Jack	Students' presentations	Students' presentations	Jacques Miller Dichotomy of the immune response - Discovery of B and T	Louis DuPasquier How the immune system evolved	
19:00	Dinner	Dinner & Meet-the-speakers	Dinner & Meet-the-speakers	Dinner & Meet-the-speakers	Dinner & Meet-the-speakers	
20:30 - 22:00		Poster Session 1	Guided tour of the imperial cathedrale	Poster Session 2	Farewell Party	

Sunday 05.03.2017	Time	Monday 06.03.2017	Tuesday 07.03.2017	Wednesday 08.03.2017	Thursday 09.03.2017	Friday 10.03.2017	
Welcome		Innate Immunity	Adaptive Immunity	Cutting Edge: Basics & Perspectives	Tumor/Allergy/Autoimmunity	Infection	
Arrival & Registration	08.15 - 08.45	Bob Jack Immunity - A sixth sense	Hans-Reimer Rodewald Resolving hematopoiesis by endogenous barcoding	Ivaylo Ivanov Intestinal immune response: the illusion of Free Will	Hendrik Schulze-Koops CD4 T cell regulation of autoimmune inflammation	Annette Oxenius Immune control of chronic viral infections	
	09.00 - 09.30	Martin Herrmann Neutrophils orchestrate initiation and resolution of crystal-induced inflammation	Ludger Klein Central T Cell Tolerance	Michael Carroll Antigen trafficking in LNs	Christine Falk Immunology in solid organ transplantation: between tolerance and rejection	Tim Sparwasser Influencing immune cell activation and differentiation by microbe-associated immunomodulatory metabolites (meta-MAMPs)	
	09.45	Break	Break	Break	Break	Break	
	10.15 - 10.45	Claudia Kemper A force from within: Unexpected roles for intracellular complement in the regulation of Th1 responses	Klaus Rajewsky	Julia Polansky Epigenetics in CD4+ T lymphocytes	Raja Atreya Novel signaling pathways in inflammatory bowel diseases	Michael Lohoff Interferon-Regulatory-Factors during T cell subset differentiation	
	11.00 - 11.30	Christiane Rüdli Gut myeloid cells	Oliver Pabst Invited	Katja Simon Autophagy in immune cell fate	Reinhard Voll Plasma cells as therapeutic targets in autoimmune inflammation	Andreas Radbruch The resting and the restless immunological memory	
	11.45	Break	Break	Break	Break	12.00 - 13.20	
	12.15 - 12.45	Andrey Kruglov Regulation of immune responses by Innate Lymphoid Cells	Friederike Berberich-Siebelt	Diether Recktenwald Principles of Flow and Image Cytometry and Emerging Technologies for Single Cell Analysis	Martin-Leo Hansmann Malignancies of the immune system	Q & A 13.30 - 14.20 Lunch	
	Coffee & Cake	13.00	Lunch	Lunch	Lunch	Lunch	14.30 Departure
	Michael Lohoff DGfI	14.00	EJI	Facultative	Practical by Christine Falk & Hyun Dong Chang	Facultative	Departure
	Keynote Lecture Carl June Engineering T cells for cancer therapy	14.45 - 16.40	Talks by Companies BioLegend	Leisure		Leisure	
16.45 - 17.45 Q & A	17.00 - 18.40	Q&A		or	or	or	
Short Presentations by Participants			Q&A	Q&A	Q&A	Q&A	
Dinner	19.00	Dinner	Dinner	Dinner	Dinner		
Get together	20.30 - 21.30 21.30 - 22.30	Poster I Poster II	Poster III Poster IV	Poster V Poster VI	Leisure		

Save the date
6th Translational School:
16.-18. March 2017



Translational Immunology School



Scientific Organizers

Reinhold E. Schmidt, Hannover
Dieter Kabelitz, Kiel
Stefan C. Meuer, Heidelberg
Thomas Kamradt, Jena
Hans-Hartmut Peter, Freiburg
Birgit Sawitzki, Berlin
Bodo Grimbacher, Freiburg

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Time	Thursday 16.03.2017	Friday 17.03.2017	Saturday 18.03.2017
	Innovative Diagnostics in Immunology	New therapeutic principles	Tolerance, stem cells and new technologies
9:00	Arrival & Registration	<i>Chair: Reinhold E. Schmidt</i>	<i>Chair: Birgit Sawitzki</i>
9:30		Philipp Beckhove T cell responses in tumor immunology	Axel Schambach Using vectors for gene therapy
10:00		Hans Stauss (tbc) Engineering T cells for tumor therapy	Toni Cathomen TALENs and Crispr/Cas for gene surgery
10:00	Get-together	Dirk Busch Antiviral CD8 ⁺ T cell immunotherapy	Fritz Melchers The hematopoietic stem cell as a therapeutic target
10:30	Reinhold E. Schmidt, Bodo Grimbacher Welcome / Introduction (including speakers)	Break	Break
	<i>Chair: Dieter Kabelitz</i>	<i>Chair: Carsten Watzl</i>	
11:00	Bodo Grimbacher How to identify monogenetic disease causing mutations?	Reinhold E. Schmidt Principles of modern biologicals – Immunotherapeutics	Christian Hennig Building a biotech company in Germany – should we give it a try?
11:30	Andreas Radbruch Flow cytometry – new development in the technology	NN	Feedback Round
12:00	Mirjam van den Burg (tbc) Flow cytometry in the clinical application	Birgit Sawitzki Induction of tolerance in transplantation	Farewell Food
		Falk Nimmerjahn Properties of immunoglobulins and their receptors	
12:30	Lunch	Lunch	Departure
	<i>Chair: Hans-Hartmut Peter</i>		
14:30	Torsten Witte Novel autoantibodies in autoimmunity	Social event	
14:50	Christoph Burkhart The journey of a compound from preclinical testing to Proof-of-Concept and beyond		
15:10	Klaus Cichutek (tbc) Drug development		
15:30	Christof Lehmann Translation of novel antibodies into the diagnostic laboratory		
15:50	Break		
	<i>Chair: Stefan Meurer</i>	<i>Chair: Bodo Grimbacher</i>	
16:00	Carsten Watzl Clinical significance of natural killer cells and their receptors	Burkhard Becher Preclinical models of chronic inflammatory diseases	
16:30	Robert Zeiser (tbc) Cell therapy	Gunther Hartmann RIG-I as a therapeutic target for viral infections?	
17:00	Expert groups I	Stefan Stevanovic Immunopeptidomics – from MS to bedside	
17:30		NN Chemoproteomics and other applications of proteomic based mass spectrometry	
18:00		Expert groups II	
19:00	Poster presentation of participants (with cheese and wine)		
22:00		Dinner	

Certificate

Certified Immunologist DGfI



General Information

The certificate *Certified Immunologist DGfI* acknowledges a continuous postgraduate training in the various fields of immunology. It can be awarded to all members of the society who hold a degree in medicine (incl. veterinary medicine) or the natural sciences and provides to those working in science, diagnostic laboratories or in the clinic with a visible proof of their qualification.

The German Society for Immunology has defined standards for a specific, immunology-related training programme at certified institutions (currently 26 in Germany and Switzerland).

The criteria to qualify for the certificate *Certified Immunologist DGfI* are provided at www.dgfi.org/web/fachimmunologiein.

Applicants are expected to have a strong scientific background and continuous research activity in immunology as well as a period of at least 5 years research at a certified institution. Participation in the schools of the DGfI Academy of Immunology is not required yet strongly recommended as it provides a valuable opportunity for a comprehensive introduction into the field. It also reduces the required 5-year training period by 6 months per school (1 year maximum).

To date (July 2016) about 20 % of all active members of the society have been awarded the certificate *Certified Immunologist DGfI*.

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Speaker of the Commission

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German Society for Immunology

Promoting immunology in research and education

Our activities in research

- Annual meeting
- Research focus groups
- International networking
- Co-founder of ECI
- Scientific Awards

Our activities in education

- Academy of Immunology
- Young Immunologists' Symposia
- Certified Immunologist DGfI
- Travel grants
- Public awareness activities

Selected activities in detail:

Scientific awards

Prestigious prize awarded to outstanding immunologists

- Deutscher Immunologie-Preis, 10.000 €

Doctoral thesis prizes

- Otto-Westphal Thesis Prize, 1.500 €
- Hans-Hench Thesis Prize for Clinical Immunology, 2.000 €

Early Career Awards

- Fritz-and-Ursula-Melchers Postdoctoral Prize, 1.500 €
- Herbert-Fischer Prize for Neuroimmunology, 1.500 €

Award for young independent research group leader

- Georges-Köhler-Prize, 3.000 €

DGfI research focus groups*

Cells of the immune system

- AK Biology of the B Lymphocyte
- AK Dendritic cells
- AK NK cell
- AK T cell: Sub-populations and functions

Cross talk within the immune system

- AK NeuroEndocrine immunology
- AK Signal transduction

Clinical applications

- AK Clinical immunology
- AK Infection immunology
- AK Pediatric immunology
- AK Reproduction immunology
- AK Transplantation immunology
- AK Tumor immunology
- AK Veterinary immunology

*dt.: AK = Arbeitskreise

Membership in the DGfI? Yes!

PERSONAL Membership

Benefits of personal membership

- Participation in the DGfI Research focus groups
- Immunology training
- Reduced registration fees at some DGfI Schools
- 7 different awards for excellence in immunology
- Travel grants
- Reduced registration fees at annual DGfI Meetings
- Free annual members' magazine 'Immunologische Nachrichten'
- Regular updates via electronic newsletter

Annual membership fee

- 75 € = Members, regular
- 50 € = Members, retired
- 25 € = Students

CORPORATE Membership

Benefits of corporate membership

- Your logo on our website www.dgfi.org
- One free advertisement (flyer) included in the conference bags at our Annual Meeting
- First choice of the placement of advertisement in the Annual Conference Programme
- Discounted fee for booth rental at our Annual Conference (-10%; Start-ups: - 5%)
- Privileged selection of booth(s) of our Annual Conference
- 1/2 page advertisement per year, free of charge, in our Members' Journal, 'Immunologische Nachrichten' (Start-ups: 1/4 page)
- Possibility of publishing vacancies via our website

Annual corporate membership fee

- Corporate Membership, regular - EUR 1.000,00
- Corporate Membership, Start-up - EUR 500,00
(for max. 2 years; from 3rd year ->regular)



Application via www.dgfi.org



German Society for Immunology

Board (2015-2016)

Jürgen Wienands, Göttingen President
Michael Lohoff, Marburg Vice President
Hans-Martin Jäck, Erlangen Past President
Carsten Watzl, Dortmund Secretary General



Jürgen Wienands



Michael Lohoff



Hans-Martin Jäck



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Joint leisure
Translational School 2016



Q & A session
Autumn School 2015



Q & A session
Spring School 2016



Participants Autumn School 2015



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