



Contents

Welcome	1
Organizing Committee	3
Donors	4
Sponsors	5
Media Partners	6
Contents	9
Program Overview	12
General Information	15
Elevator Pitch Sessions	17
Poster Sessions	17
Poster Prize	17
Awarded Student Talks	18
IMPRS for Molecular Biology	19
History of Horizons	20
About Göttingen	22
Social Events	23
Practical Information	25
Admission to Plenary Lectures	27
Buses	27
Certificate of attendance	27
City tour	27
Insurance	27
Internet	27
Name badges and food vouchers	27
Parking	27
Posters	27
Registration	27
Taxi	28
Service	28
Venue	28
Career Fair for Life Sciences	29
Schedule	30
Welcome	31
Michael M. Cox - „On Science, Scientists and the Scientific Method“	32
Cristoph Bredack - „The daily life of a post-doc at Roche“	33



Melina Fan - <i>Addgene</i>	34
Magdalena Morawska - „ <i>How to get your research published</i> “	35
Eva-Maria Neher - <i>XLAB</i>	36
Peter Odenwalder - „ <i>Consulting - McKinsey & Company</i> “	37
Ulrike Schindler - „ <i>Schnittstelle Schindler</i> “	38
Workshop: <i>How to Customize Your CV</i>	39
Workshop: <i>Working in Consulting</i>	40
Workshop: <i>Career Planning Strategies</i>	41
Barbara Hoffbauer - „ <i>Networking as part of professionalism in science and beyond</i> “	42

Plenary Lectures **43**

Pamela Bjorkman - <i>structural immunology</i>	44
Axel Brunger - <i>synaptic neurotransmission</i>	46
Martin Chalfie - <i>mechanosensation</i>	48
Scott Emr - <i>ESCRT pathway</i>	50
Adam Frost - <i>ribosomal quality control</i>	52
Erika Holzbaur - <i>axonal transport</i>	54
Fumiyo Ikeda - <i>ubiquitin signalling</i>	56
Charalampos Kalodimos - <i>NMR spectroscopy</i>	58
Ivan Manzini - <i>olfactory system</i>	60
Manuel Mayr - <i>biomarker discovery</i>	62
Kimberly Mowry - <i>cellular polarity</i>	64
Tom Rapoport - <i>protein trafficking</i>	66
Karuna Sampath - <i>dual function RNAs</i>	68
Maya Schuldiner - <i>functional genomics</i>	70
Alice Ting - <i>live cell proteomics</i>	72
Carola Vinuesa - <i>T-Helper cells</i>	74
King-Wai Yau - <i>sensory transduction</i>	76

Student Poster Abstracts **79**

List of Participants **110**