

EMBO Young Investigators eligible for YIP Lectures in 2018

Cell Cycle

Bungo Akiyoshi eligible until end of 2020
Kinetochores / mitosis / chromosome / trypanosome / kinetoplastid / centromere / Trypanosoma brucei
<http://www.bioch.ox.ac.uk/aspsite/index.asp?pageid=951>

Clemens Cabernard eligible until end of 2019
Asymmetric cell division / stem cells / cytokinesis / cell polarity / Drosophila
<https://www.biology.washington.edu/people/profile/clemens-cabernard>

Jeremy Carlton eligible until end of 2020
Cell biology / ESCRT / nuclear envelope / cytokinesis / endosome
<https://www.crick.ac.uk/research/a-z-researchers/researchers-a-c/jeremy-carlton/>

Pablo Huertas eligible until end of 2019
Homologous recombination / non-homologous end-joining / DNA repair / DNA double strand breaks / cancer
<http://www.cabimer.es/web/en/dept/ctm/dna-double-strand-break-repair-and-human-disease/>

Joao Matos eligible until end of 2021
DNA repair / homologous recombination / structure-selective endonucleases / meiosis / chromosome segregation
<http://www.bc.biol.ethz.ch/research/matos.html>

Kikue Tachibana-Konwalski eligible until end of 2021
Totipotency / zygotes / epigenetic reprogramming / chromatin / genome organization / meiosis / oocytes
<https://www.imba.oeaw.ac.at/research/kikue-tachibana/>

Maria Teresa Teixeira eligible until end of 2018
Telomere / telomerase / replicative senescence / DNA replication / DNA repair
<http://www.lbmce.ibpc.fr/en/telomere-biology-823.htm>

Philip Zegerman eligible until end of 2018
DNA replication / CDK / checkpoint / cell cycle
<http://www.gurdon.cam.ac.uk/research/zegerman>

Cell & Tissue Architecture

Igor Adameyko eligible until end of 2020
Craniofacial development / cartilage / innervation / stem cells / embryo / shape / Schwann cells / neural crest
<https://ki.se/en/people/igoad>

Clemens Cabernard eligible until end of 2019
Asymmetric cell division / stem cells / cytokinesis / cell polarity / Drosophila
<https://www.biology.washington.edu/people/profile/clemens-cabernard>

Karin De Visser eligible until end of 2019
Cancer / immunology / tumor microenvironment / mouse models / inflammation
<http://www.nki.nl/divisions/immunology/de-visser-k-group/>

Jerome Gros eligible until end of 2020
Morphogenesis / limb / gastrulation / chick / imaging
<https://research.pasteur.fr/en/member/jerome-gros/>

Annika Guse eligible until end of 2020
Cell biology / symbiosis / emerging models / phagocytosis / coordination of cell function / nutrient exchange
<http://guselab.de>

Jan Huisken eligible until end of 2018
Development / cardiovascular system / microscopy / image analysis / zebrafish / light sheet microscopy / cardiology
<https://morgridge.org/profile/jan-huisken/>

Matteo Iannacone eligible until end of 2019
Imaging / lymphocyte / infection / liver / lymph nodes
<http://www.iannaconelab.com>

Shalev Itzkovitz eligible until end of 2019
Systems biology / design principles / single molecule imaging / stem cell biology / metabolism
<http://www.weizmann.ac.il/weizsites/shalev/>

Martin Lenz eligible until end of 2020
Cytoskeleton / actomyosin contractility / cellular mechanics / self-organization / theory
<http://ptms.u-psud.fr/membres/mlenz/>

Massimiliano Mazzone eligible until end of 2018
Cancer / metastasis / ischemia / angiogenesis / hypoxia / metabolism / macrophages / immunity
<http://www.vrc-lab.be/massimiliano-mazzone>

Caren Norden eligible until end of 2018
Cell biology of development / morphogenesis / tissue mechanics / retina / zebrafish
<http://www.mpi-cbg.de/de/research/research-groups/caren-norden.html>

Nicolas Plachta eligible until end of 2019
Mouse embryo / transcription / cell dynamics / imaging / differentiation
<http://www.imcb.a-star.edu.sg/php/np.php>

Michael Potente eligible until end of 2018
Angiogenesis / metabolism / cancer / cardiovascular disease / endothelial cells / signal transduction
<http://www.angio-met-lab.com>

Jochen Rink eligible until end of 2019
Wnt signaling / planaria / morphogenesis / comparative genomics & transcriptomics / evolution of regeneration
<https://www.mpi-cbg.de/research-groups/current-groups/jochen-rink/research-focus/>

Pere Roca-Cusachs eligible until end of 2020
Mechanobiology / mechanotransduction / integrins / cell adhesion / biophysics / cytoskeleton
<http://www.ibecbarcelona.eu/cellmolmech>

Cellular Metabolism

Gad Asher

eligible until end of 2018

Circadian rhythms / metabolism / mitochondria / lipids / oxygen
http://www.weizmann.ac.il/Biomolecular_Sciences/Asher/

Filipe Cabreiro

eligible until end of 2021

Host-microbe interactions / microbiota / *C. elegans* / pharmacology / nutrition / ageing / cancer
<http://www.cabreiolab.org>

Annika Guse

eligible until end of 2020

Cell biology / symbiosis / emerging models / phagocytosis / coordination of cell function / nutrient exchange
<http://guselab.de>

Yuki Nakamura

eligible until end of 2018

Lipid diversity / glycerolipids / plant reproductive processes / lipid-protein interaction / *Arabidopsis thaliana*
<http://ipmb.sinica.edu.tw/index.html?q=node/972>

John O'Neill

eligible until end of 2020

Circadian rhythm / biological clock / metabolic oscillation

Guadalupe Sabio

eligible until end of 2021

Metabolism / p38 / MAPK / signalling / browning / crosstalk
<http://www.sabiolab.com/>

Carmine Settembre

eligible until end of 2020

Autophagy / lysosome / skeleton / genetic disorders / signaling
<http://www.tigem.it/research/faculty/settembre#>

Ines Thiele

eligible until end of 2018

Constraint-based modeling / human metabolism / gut microbiome / nutrition / Parkinson's disease
http://www.wen.uni.lu/lcsb/research/mol_systems_physiology/

Chromatin & Transcription

Isabel Bäurle

eligible until end of 2019

Chromatin / stress adaptation / heat / transposable elements / plant
<https://baurlelab.wordpress.com/>

Yosef Buganim

eligible until end of 2020

Embryonic stem cells / trophoblast stem cells / sex determination / reprogramming to pluripotency / direct conversion
<http://www.buganimlab.com/>

Maria Luisa Cochella

eligible until end of 2021

Cell differentiation / neuronal differentiation / microRNAs / transcriptional priming / C. elegans
<http://www.imp.ac.at/research/research-groups/cochella-group/>

Ana Cvejic

eligible until end of 2020

Lineage progression / haematopoiesis / single-cell RNA-sequencing / cellular heterogeneity
<http://www.haem.cam.ac.uk/staff/senior-staff/dr-ana-cvejic/>

Luca Giorgetti

eligible until end of 2021

Chromosome structure / transcriptional regulation / epigenetics / physical modeling / genomics
<http://www.fmi.ch/research/groupleader/?group=134>

Mario Halic

eligible until end of 2018

RNAi / heterochromatin / cryo-electron microscopy / S. pombe / RNA / transcription
<http://www.halic.genzentrum.lmu.de/>

Nicola Iovino

eligible until end of 2021

Epigenetics / gametes / development / embryogenesis / fertilization
<http://www.ie-freiburg.mpg.de/iovino>

Gaëlle Legube

eligible until end of 2019

DNA repair / chromatin / recombination / nuclear organization / transcription
<http://cbi-toulouse.fr/fr/equipe-legube>

Hai-Kun Liu

eligible until end of 2018

Chromatin remodeler / neural stem cells / brain tumor stem cells / mouse model / brain diseases
<http://www.dkfz.de/en/normale-und-neoplastische-stammzellen/index.php>

Daniel Messerschmidt

eligible until end of 2021

Epigenetics / transgenerational inheritance / epigenetic reprogramming / preimplantation development / embryogenesis / DNA methylation
<http://www.tinyurl.com/y73nln3j>

Lionel Navarro

eligible until end of 2018

Innate immunity / epigenetics / DNA methylation / bacterial pathogenesis / RNA silencing
<http://www.ibens.ens.fr/?rubrique31&lang=en>

Diego Pasini

eligible until end of 2018

Chromatin modifications / transcription / Polycomb / differentiation / cancer
<https://www.ieo.it/it/RESEARCH/Basic-research/Department-of-Experimental-Oncology11/Epigenetic-mechanisms-in-stem-cell-differentiation-and-oncogenesis-Unit/>

Nicolas Plachta

eligible until end of 2019

Mouse embryo / transcription / cell dynamics / imaging / differentiation
<http://www.imcb.a-star.edu.sg/php/np.php>

Sophie Polo

eligible until end of 2021

Chromatin dynamics / UV damage repair / epigenome integrity / histone variants / histone modifications
<http://parisepigenetics.com/ei-en/>

Alvaro Rada-Iglesias

eligible until end of 2021

Enhancers / chromatin / congenital disease / development / pluripotency / differentiation / disease modelling /

competence

Kikue Tachibana-Konwalski

eligible until end of 2021

Totipotency / zygotes / epigenetic reprogramming / chromatin / genome organization / meiosis / oocytes
<https://www.imba.oeaw.ac.at/research/kikue-tachibana/>

Alessandro Vannini

eligible until end of 2019

Gene transcription / RNA polymerase III / tRNAs / genome organisation / cancer
<http://www.icr.ac.uk/alessandrovannini>

Steven West

eligible until end of 2018

Splicing / 3' end processing / surveillance / RNA polymerase II / coupling

Johannes Zuber

eligible until end of 2018

Leukemia / functional cancer genetics / cancer epigenetics / aberrant self-renewal / BRD4
<https://www.imp.ac.at/groups/johannes-zuber/>

Development

Igor Adameyko eligible until end of 2020
Craniofacial development / cartilage / innervation / stem cells / embryo / shape / Schwann cells / neural crest
<https://ki.se/en/people/igoada>

Yosef Buganim eligible until end of 2020
Embryonic stem cells / trophoblast stem cells / sex determination / reprogramming to pluripotency / direct conversion
<http://www.buganimlab.com/>

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Ana Cvejic eligible until end of 2020
Lineage progression / haematopoiesis / single-cell RNA-sequencing / cellular heterogeneity
<http://www.haem.cam.ac.uk/staff/senior-staff/dr-ana-cvejic/>

Filippo Del Bene eligible until end of 2018
Neurobiology / development / neural circuit formation / visual system / zebrafish
<http://ugbdd.curie.fr/en/article/00665-neuronal-circuit-development>

Jerome Gros eligible until end of 2020
Morphogenesis / limb / gastrulation / chick / imaging
<https://research.pasteur.fr/en/member/jerome-gros/>

Jan Huisken eligible until end of 2018
Development / cardiovascular system / microscopy / image analysis / zebrafish / light sheet microscopy / cardiology
<https://morgridge.org/profile/jan-huisken/>

Nicola Iovino eligible until end of 2021
Epigenetics / gametes / development / embryogenesis / fertilization
<http://www.ie-freiburg.mpg.de/iovino>

Manuel Irimia eligible until end of 2021
Evolution / transcriptomics / alternative splicing / evo-devo / neurodevelopment
http://crg.eu/manuel_irimia

François Leulier eligible until end of 2018
Symbiosis / physiology / malnutrition / intestinal microbiota / juvenile growth
http://igfl.ens-lyon.fr/equipements/f.-leulier-functional-genomics-of-host-intestinal-bacteria-interactions/index_html?set_language=en&cl=en

Hai-Kun Liu eligible until end of 2018
Chromatin remodeler / neural stem cells / brain tumor stem cells / mouse model / brain diseases
<http://www.dkfz.de/en/normale-und-neoplastische-stammzellen/index.php>

Daniel Messerschmidt eligible until end of 2021
Epigenetics / transgenerational inheritance / epigenetic reprogramming / preimplantation development / embryogenesis / DNA methylation
<http://www.tinyurl.com/y73nln3j>

Patrick Müller eligible until end of 2021
Pattern formation / self-organization / signaling gradients / zebrafish / Nodal / BMP / optogenetics
<http://www.fml.tuebingen.mpg.de/mueller-group.html>

Yuki Nakamura eligible until end of 2018
Lipid diversity / glycerolipids / plant reproductive processes / lipid-protein interaction / Arabidopsis thaliana

Caren Norden

eligible until end of 2018

Cell biology of development / morphogenesis / tissue mechanics / retina / zebrafish
<http://www.mpi-cbg.de/de/research/research-groups/caren-norden.html>

Diego Pasini

eligible until end of 2018

Chromatin modifications / transcription / Polycomb / differentiation / cancer
<https://www.ieo.it/RESEARCH/Basic-research/Department-of-Experimental-Oncology11/Epigenetic-mechanisms-in-stem-cell-differentiation-and-oncogenesis-Unit/>

Nicolas Plachta

eligible until end of 2019

Mouse embryo / transcription / cell dynamics / imaging / differentiation
<http://www.imcb.a-star.edu.sg/php/np.php>

Alvaro Rada-Iglesias

eligible until end of 2021

Enhancers / chromatin / congenital disease / development / pluripotency / differentiation / disease modelling / competence

Jochen Rink

eligible until end of 2019

Wnt signaling / planaria / morphogenesis / comparative genomics & transcriptomics / evolution of regeneration
<https://www.mpi-cbg.de/research-groups/current-groups/jochen-rink/research-focus/>

Elena Seiradake

eligible until end of 2021

Cell guidance / cell adhesion / membrane receptor / adhesion GPCR / nervous system / vascular system
<http://seiradake.web.ox.ac.uk>

Carmine Settembre

eligible until end of 2020

Autophagy / lysosome / skeleton / genetic disorders / signaling
<http://www.tigem.it/research/faculty/settembre#>

Halyna Shcherbata

eligible until end of 2018

microRNA / Drosophila / muscular dystrophy / stem cells and their niches / cell signaling and differentiation
<http://www.mpibpc.mpg.de/de/shcherbata>

Kikue Tachibana-Konwalski

eligible until end of 2021

Totipotency / zygotes / epigenetic reprogramming / chromatin / genome organization / meiosis / oocytes
<https://www.imba.oeaw.ac.at/research/kikue-tachibana/>

Kristin Tessmar-Raible

eligible until end of 2019

Chronobiology / photoreceptors / animal behavior / evolution / molecular genetics
<http://www.mfpl.ac.at/mfpl-group/group/tessmar.html#.UwlrNvbP5aM>

Claire Wyart

eligible until end of 2020

Sensory integration / signalling / cerebrospinal fluid / spinal cord / locomotion / posture / optogenetics / zebrafish
<https://wyartlab.org>

Differentiation & Death

Ana Jesus Garcia Saez

eligible until end of 2020

Programmed cell death / single molecule microscopy / functional & live cell microscopy / membrane biophysics

<http://www.ifib.uni-tuebingen.de/research/garcia-saez.html>

Michelle Linterman

eligible until end of 2020

Germinal centre / follicular helper T cells / vaccination / ageing / antibodies / follicular regulatory T cells

<http://www.babraham.ac.uk/our-research/lymphocyte/michelle-linterman>

Johannes Zuber

eligible until end of 2018

Leukemia / functional cancer genetics / cancer epigenetics / aberrant self-renewal / BRD4

<https://www.imp.ac.at/groups/johannes-zuber/>

Genome Stability & Dynamics

Isabel Bäurle

eligible until end of 2019

Chromatin / stress adaptation / heat / transposable elements / plant
<https://baurlelab.wordpress.com/>

Felipe Cortés Ledesma

eligible until end of 2018

DNA breaks / DNA damage response / DNA repair / genome instability / DNA topoisomerases
<http://www.cabimer.es/web/en/dept/sc/dna-damage-response/>

Pablo Huertas

eligible until end of 2019

Homologous recombination / non-homologous end-joining / DNA repair / DNA double strand breaks / cancer
<http://www.cabimer.es/web/en/dept/ctrm/dna-double-strand-break-repair-and-human-disease/>

Romain Koszul

eligible until end of 2019

Chromosome organization & dynamics / Hi-C / *Saccharomyces cerevisiae* / synthetic chromosome / genome assembly / DNA replication / meta3C
<https://research.pasteur.fr/en/team/spatial-regulation-of-genomes/>

Gaëlle Legube

eligible until end of 2019

DNA repair / chromatin / recombination / nuclear organization / transcription
<http://cbi-toulouse.fr/fr/equipe-legube>

Joao Matos

eligible until end of 2021

DNA repair / homologous recombination / structure-selective endonucleases / meiosis / chromosome segregation
<http://www.bc.biol.ethz.ch/research/matos.html>

Daniel Messerschmidt

eligible until end of 2021

Epigenetics / transgenerational inheritance / epigenetic reprogramming / preimplantation development / embryogenesis / DNA methylation
<http://www.tinyurl.com/y73nln3j>

Elizabeth Murchison

eligible until end of 2021

Transmissible cancer / Tasmanian devils / dogs / cancer genomics / evolutionary biology
<http://www.tcg.vet.cam.ac.uk>

Sophie Polo

eligible until end of 2021

Chromatin dynamics / UV damage repair / epigenome integrity / histone variants / histone modifications
<http://parisepigenerics.com/ei-en/>

Giulia Rancati

eligible until end of 2021

Cellular evolvability / adaptive evolution / karyotypic changes / genome instability / stress-induced mutagenesis / aneuploidy
<http://tinyurl.com/rancatilab>

Kikue Tachibana-Konwalski

eligible until end of 2021

Totipotency / zygotes / epigenetic reprogramming / chromatin / genome organization / meiosis / oocytes
<https://www.imba.oeaw.ac.at/research/kikue-tachibana/>

Maria Teresa Teixeira

eligible until end of 2018

Telomere / telomerase / replicative senescence / DNA replication / DNA repair
<http://www.lbmce.ibpc.fr/en/telomere-biology-823.htm>

Philip Zegerman

eligible until end of 2018

DNA replication / CDK / checkpoint / cell cycle
<http://www.gurdon.cam.ac.uk/research/zegerman>

Genomic & Computational Biology

Felipe Cortés Ledesma

eligible until end of 2018

DNA breaks / DNA damage response / DNA repair / genome instability / DNA topoisomerases
<http://www.cabimer.es/web/en/dept/sc/dna-damage-response/>

Ana Cvejic

eligible until end of 2020

Lineage progression / haematopoiesis / single-cell RNA-sequencing / cellular heterogeneity
<http://www.haem.cam.ac.uk/staff/senior-staff/dr-ana-cvejic/>

Christophe Dessimoz

eligible until end of 2020

Phylogenetics / bioinformatics / comparative genomics / sequence analysis / orthology / tree of life
<http://lab.dessimoz.org>

Luca Giorgetti

eligible until end of 2021

Chromosome structure / transcriptional regulation / epigenetics / physical modeling / genomics
<http://www.fmi.ch/research/group/leader/?group=134>

Manuel Irimia

eligible until end of 2021

Evolution / transcriptomics / alternative splicing / evo-devo / neurodevelopment
http://crg.eu/manuel_irimia

Shalev Itzkovitz

eligible until end of 2019

Systems biology / design principles / single molecule imaging / stem cell biology / metabolism
<http://www.weizmann.ac.il/weizsites/shalev/>

Chiea Chuen Khor

eligible until end of 2019

Germline DNA / molecular genetics / genetic association / next generation sequencing / genome-wide association studies
http://www.a-star.edu.sg/gis/our-people/investigator-details.aspx?source=faculty_member&user_id=139

Romain Koszul

eligible until end of 2019

Chromosome organization & dynamics / Hi-C / *Saccharomyces cerevisiae* / synthetic chromosome / genome assembly / DNA replication / meta3C
<https://research.pasteur.fr/en/team/spatial-regulation-of-genomes/>

Ana Claudia Marques

eligible until end of 2020

Intergenic lncRNAs / noncoding RNAs / genomics / regulation of gene product abundance
<https://www.unil.ch/dgm/en/home/menuinst/research-groups/ana-marques.html>

Elizabeth Murchison

eligible until end of 2021

Transmissible cancer / Tasmanian devils / dogs / cancer genomics / evolutionary biology
<http://www.tcg.vet.cam.ac.uk>

Alvaro Rada-Iglesias

eligible until end of 2021

Enhancers / chromatin / congenital disease / development / pluripotency / differentiation / disease modelling / competence

Schraga Schwartz

eligible until end of 2021

RNA modifications / RNA structure-function / epitranscriptome / regulation of gene expression
<http://www.weizmann.ac.il/molgen/Schwartz/>

Noam Stern-Ginossar

eligible until end of 2021

Herpesviruses / gene expression / viral host interactions / RNA / translation regulation
<http://www.weizmann.ac.il/molgen/ginossar/>

Joanna Sulkowska

eligible until end of 2021

Structural biology / protein dynamics / computational biology / statistical physics / knots / non-trivial topology
<http://jsulkowska.cent.uw.edu.pl/>

Ines Thiele

eligible until end of 2018

Constraint-based modeling / human metabolism / gut microbiome / nutrition / Parkinson's disease

http://www.eni.lu/lcsb/research/mol_systems_physiology/

Igor Ulitsky

eligible until end of 2020

Long noncoding RNAs / gene regulation / computational biology / stem cells / chromatin

<http://webhome.weizmann.ac.il/home/igorul/>

Dario Riccardo Valenzano

eligible until end of 2021

Ageing / microbiome / microbiota / genome evolution / population genetics / adaptive immunity / longevity / model organisms

<https://www.age.mpg.de/>

Louis Vermeulen

eligible until end of 2021

Stem cells / cancer / tumor evolution / cancer heterogeneity / molecular subtypes / intestine

<http://tinyurl.com/vermeulenlab>

Immunology

- Andrea Alimonti** eligible until end of 2019
Senescence / cancer / PTEN / tumor immunology / myeloid cells
<http://ior.iosi.ch/site/>
-
- Petr Broz** eligible until end of 2018
Innate immunity / inflammasome / host-pathogen interaction / cell signaling / Salmonella
<https://www.unil.ch/ib/en/home/menuinst/research/broz-petr.html>
-
- Karin De Visser** eligible until end of 2019
Cancer / immunology / tumor microenvironment / mouse models / inflammation
<http://www.nki.nl/divisions/immunology/de-visser-k-group/>
-
- Katie Doores** eligible until end of 2021
Vaccine / virus / glycobiology / neutralizing antibody / HIV / protein glycosylation
<http://www.kcl.ac.uk/lsm/research/divisions/dioid/departments/infectious/research/doors/index.aspx>
-
- Mads Gyrd-Hansen** eligible until end of 2018
Ubiquitin / signalling / pattern recognition receptors / inflammation / cancer
<http://www.ludwig.ox.ac.uk/mads-gyrd-hansen-group-page>
-
- Matteo Iannacone** eligible until end of 2019
Imaging / lymphocyte / infection / liver / lymph nodes
<http://www.iannaconelab.com>
-
- Nolwenn Jouvenet** eligible until end of 2019
Viruses / live attenuated viral vaccines / antiviral immunity / virus-host interactions / RNA virus biology
<https://research.pasteur.fr/en/member/nolwenn-jouvenet/>
-
- Yogesh Kulathu** eligible until end of 2019
Ubiquitin / T lymphocytes / deubiquitinase / structural biology / protein degradation
<http://www.ppu.mrc.ac.uk/research/?pid=1001>
-
- François Leulier** eligible until end of 2018
Symbiosis / physiology / malnutrition / intestinal microbiota / juvenile growth
http://igfl.ens-lyon.fr/equipements/f.-leulier-functional-genomics-of-host-intestinal-bacteria-interactions/index_html?set_language=en&cl=en
-
- Michelle Linterman** eligible until end of 2020
Germinal centre / follicular helper T cells / vaccination / ageing / antibodies / follicular regulatory T cells
<http://www.babraham.ac.uk/our-research/lymphocyte/michelle-linterman>
-
- Dahai Luo** eligible until end of 2021
RNA / protein / biochemistry / structural biology / virology / innate immunity
<http://www.ntu.edu.sg/home/luodahai/Dahai-Lab.htm>
-
- Massimiliano Mazzone** eligible until end of 2018
Cancer / metastasis / ischemia / angiogenesis / hypoxia / metabolism / macrophages / immunity
<http://www.vrc-lab.be/massimiliano-mazzone>
-
- Hendrik Poeck** eligible until end of 2021
Innate immune signaling / cancer immunology & resistance / allogeneic stem cell transplantation / intestinal stem cells
<http://www.med3.med.tum.de/forschung/Grundlagenforschung/Tumorimmunologie/haaspoeck.html>
-
- Jan Rehwinkel** eligible until end of 2020
Innate immunity / type I interferons / RIG-I / cGAS / SAMHD1
<http://www.rdm.ox.ac.uk/principal-investigators/researcher/jan-rehwinkel>
-
- Suzan Rooijackers** eligible until end of 2020
Bacteria / complement / antibody therapy / immune system / infection
<http://evasionutrecht.nl/themes/suzan-rooijackers-bacteria-complement/>
-

Membranes & Transport

Marek Basler eligible until end of 2019
Bacterial secretion systems / cell-cell interactions / membrane translocation / imaging / protein structure
<http://www.biozentrum.unibas.ch/basler/>

Priscille Brodin eligible until end of 2019
Mycobacteria / macrophages / phagosome / neurons / cellular signalling
<http://u1019.lille.inserm.fr/recherche/brodin/>

Jeremy Carlton eligible until end of 2020
Cell biology / ESCRT / nuclear envelope / cytokinesis / endosome
<https://www.crick.ac.uk/research/a-z-researchers/researchers-a-c/jeremy-carlton/>

Ana Jesus Garcia Saez eligible until end of 2020
Programmed cell death / single molecule microscopy / functional & live cell microscopy / membrane biophysics
<http://www.ifib.uni-tuebingen.de/research/garcia-saez.html>

Sebastian Hiller eligible until end of 2018
NMR spectroscopy / membrane proteins / outer membrane biogenesis / chaperones / protein folding
<http://www.biozentrum.unibas.ch/hiller>

Michael Hothorn eligible until end of 2018
Hormone signaling / membrane signaling / polyphosphate metabolism / plant development
<http://web.structplantbio.org>

Claudine Kraft eligible until end of 2018
Autophagy / CVT pathway / Atg1-ULK1 kinase / phosphorylation
<https://www.biochemie.uni-freiburg.de/ag/kraft>

Gaëlle Legube eligible until end of 2019
DNA repair / chromatin / recombination / nuclear organization / transcription
<http://cbi-toulouse.fr/fr/equipe-legube>

Naoko Mizuno eligible until end of 2019
Cryo-EM / microtubule cytoskeleton / membrane dynamics / +TIPs / focal adhesion
<https://www.biochem.mpg.de/en/rg/mizuno>

Carmine Settembre eligible until end of 2020
Autophagy / lysosome / skeleton / genetic disorders / signaling
<http://www.tigem.it/research/faculty/settembre#>

Thomas Wollert eligible until end of 2018
Autophagy / in vitro reconstitution / model membranes
<http://www.biochem.mpg.de/en/rg/wollert>

Microbiology, Virology & Pathogens

Marek Basler eligible until end of 2019
Bacterial secretion systems / cell-cell interactions / membrane translocation / imaging / protein structure
<http://www.biozentrum.unibas.ch/basler/>

Priscille Brodin eligible until end of 2019
Mycobacteria / macrophages / phagosome / neurons / cellular signalling
<http://u1019.lille.inserm.fr/recherche/brodin/>

Petr Broz eligible until end of 2018
Innate immunity / inflammasome / host-pathogen interaction / cell signaling / Salmonella
<https://www.unil.ch/ib/en/home/menuinst/research/broz-petr.html>

Filipe Cabreiro eligible until end of 2021
Host-microbe interactions / microbiota / C. elegans / pharmacology / nutrition / ageing / cancer
<http://www.cabreiolab.org>

Katie Doores eligible until end of 2021
Vaccine / virus / glycobiology / neutralizing antibody / HIV / protein glycosylation
<http://www.kcl.ac.uk/lsm/research/divisions/dioid/departments/infectious/research/doors/index.aspx>

Thijs Ettema eligible until end of 2019
Microbial evolution & diversity / metagenomics / phylogenomics / tree of life / archaea / origin of eukaryotes / endosymbiosis / eukaryogenesis
<http://www.ettemalab.org/>

Ana Eulalio eligible until end of 2019
microRNA / host-pathogen interaction / high-throughput screening / deep-sequencing / bacterial pathogenesis
<http://www.imib-wuerzburg.de/research/eulalio/group-leader/>

Matteo Iannacone eligible until end of 2019
Imaging / lymphocyte / infection / liver / lymph nodes
<http://www.iannaconelab.com>

Axel Innis eligible until end of 2021
Ribosome / arrest peptides / protein synthesis / translation / antibiotics / antimicrobial peptides / gene regulation / metabolite sensing
<http://www.innislab.org>

Nolwenn Jouvenet eligible until end of 2019
Viruses / live attenuated viral vaccines / antiviral immunity / virus-host interactions / RNA virus biology
<https://research.pasteur.fr/en/member/nolwenn-jouvenet/>

Romain Koszul eligible until end of 2019
Chromosome organization & dynamics / Hi-C / Saccharomyces cerevisiae / synthetic chromosome / genome assembly / DNA replication / meta3C
<https://research.pasteur.fr/en/team/spatial-regulation-of-genomes/>

François Leulier eligible until end of 2018
Symbiosis / physiology / malnutrition / intestinal microbiota / juvenile growth
http://igfl.ens-lyon.fr/equipements/f.-leulier-functional-genomics-of-host-intestinal-bacteria-interactions/index_html?set_language=en&cl=en

Dahai Luo eligible until end of 2021
RNA / protein / biochemistry / structural biology / virology / innate immunity
<http://www.ntu.edu.sg/home/luodahai/Dahai-Lab.htm>

Lionel Navarro eligible until end of 2018
Innate immunity / epigenetics / DNA methylation / bacterial pathogenesis / RNA silencing
<http://www.ibens.ens.fr/?rubrique31&lang=en>

Hendrik Poeck eligible until end of 2021
Innate immune signaling / cancer immunology & resistance / allogeneic stem cell transplantation / intestinal

stem cells

<http://www.med3.med.tum.de/forschung/Grundlagenforschung/Tumorimmunologie/haaspoeck.html>

Jan Rehwinkel

eligible until end of 2020

Innate immunity / type I interferons / RIG-I / cGAS / SAMHD1

<http://www.rdm.ox.ac.uk/principal-investigators/researcher/jan-rehwinkel>

Suzan Rooijackers

eligible until end of 2020

Bacteria / complement / antibody therapy / immune system / infection

<http://evasionutrecht.nl/themes/suzan-rooijackers-bacteria-complement/>

Noam Stern-Ginossar

eligible until end of 2021

Herpesviruses / gene expression / viral host interactions / RNA / translation regulation

<http://www.weizmann.ac.il/molgen/ginossar/>

Ines Thiele

eligible until end of 2018

Constraint-based modeling / human metabolism / gut microbiome / nutrition / Parkinson's disease

http://www.wen.uni.lu/lcsb/research/mol_systems_physiology/

Molecular Medicine

- Andrea Alimonti** eligible until end of 2019
Senescence / cancer / PTEN / tumor immunology / myeloid cells
<http://ior.iosi.ch/site/>
-
- Felipe Cortés Ledesma** eligible until end of 2018
DNA breaks / DNA damage response / DNA repair / genome instability / DNA topoisomerases
<http://www.cabimer.es/web/en/dept/sc/dna-damage-response/>
-
- Katie Doores** eligible until end of 2021
Vaccine / virus / glycobiology / neutralizing antibody / HIV / protein glycosylation
<http://www.kcl.ac.uk/lsm/research/divisions/dioid/departments/infectious/research/doores/index.aspx>
-
- Mads Gyrd-Hansen** eligible until end of 2018
Ubiquitin / signalling / pattern recognition receptors / inflammation / cancer
<http://www.ludwig.ox.ac.uk/mads-gyrd-hansen-group-page>
-
- Pablo Huertas** eligible until end of 2019
Homologous recombination / non-homologous end-joining / DNA repair / DNA double strand breaks / cancer
<http://www.cabimer.es/web/en/dept/ctrm/dna-double-strand-break-repair-and-human-disease/>
-
- Chiea Chuen Khor** eligible until end of 2019
Germline DNA / molecular genetics / genetic association / next generation sequencing / genome-wide association studies
http://www.a-star.edu.sg/gis/our-people/investigator-details.aspx?source=faculty_member&user_id=139
-
- Hai-Kun Liu** eligible until end of 2018
Chromatin remodeler / neural stem cells / brain tumor stem cells / mouse model / brain diseases
<http://www.dkfz.de/en/normale-und-neoplastische-stammzellen/index.php>
-
- Massimiliano Mazzone** eligible until end of 2018
Cancer / metastasis / ischemia / angiogenesis / hypoxia / metabolism / macrophages / immunity
<http://www.vrc-lab.be/massimiliano-mazzone>
-
- Diego Pasini** eligible until end of 2018
Chromatin modifications / transcription / Polycomb / differentiation / cancer
<https://www.ieo.it/it/RESEARCH/Basic-research/Department-of-Experimental-Oncology11/Epigenetic-mechanisms-in-stem-cell-differentiation-and-oncogenesis-Unit/>
-
- Magdalini Polymenidou** eligible until end of 2021
Neurodegeneration / ALS / FTD / RNA-binding proteins / TDP-43 / FUS / DPRs / phase separation / protein aggregation / prion-like
<http://www.imls.uzh.ch/polymenidou>
-
- Michael Potente** eligible until end of 2018
Angiogenesis / metabolism / cancer / cardiovascular disease / endothelial cells / signal transduction
<http://www.angio-met-lab.com>
-
- Guadalupe Sabio** eligible until end of 2021
Metabolism / p38 / MAPK / signalling / browning / crosstalk
<http://www.sabiolab.com/>
-
- Ines Thiele** eligible until end of 2018
Constraint-based modeling / human metabolism / gut microbiome / nutrition / Parkinson's disease
http://www.wen.uni.lu/lcsb/research/mol_systems_physiology/
-
- Louis Vermeulen** eligible until end of 2021
Stem cells / cancer / tumor evolution / cancer heterogeneity / molecular subtypes / intestine
<http://tinyurl.com/vermeulenlab>
-
- Johannes Zuber** eligible until end of 2018
Leukemia / functional cancer genetics / cancer epigenetics / aberrant self-renewal / BRD4

Neuroscience

Filippo Del Bene

eligible until end of 2018

Neurobiology / development / neural circuit formation / visual system / zebrafish
<http://ugbdd.curie.fr/en/article/00665-neuronal-circuit-development>

Manuel Irimia

eligible until end of 2021

Evolution / transcriptomics / alternative splicing / evo-devo / neurodevelopment
http://crg.eu/manuel_irimia

Miratul Muqit

eligible until end of 2020

PINK1 / protein kinase / phosphorylation / Parkin / ubiquitin / Rab GTPases / Parkinson's disease
<https://www.ppu.mrc.ac.uk/research/principal-investigator/miratul-muqit>

Magdalini Polymenidou

eligible until end of 2021

Neurodegeneration / ALS / FTD / RNA-binding proteins / TDP-43 / FUS / DPRs / phase separation / protein aggregation / prion-like
<http://www.imls.uzh.ch/polymenidou>

Elena Seiradake

eligible until end of 2021

Cell guidance / cell adhesion / membrane receptor / adhesion GPCR / nervous system / vascular system
<http://seiradake.web.ox.ac.uk>

Kristin Tessmar-Raible

eligible until end of 2019

Chronobiology / photoreceptors / animal behavior / evolution / molecular genetics
<http://www.mfpl.ac.at/mfpl-group/group/tessmar.html#.UwlrNvbP5aM>

Claire Wyart

eligible until end of 2020

Sensory integration / signalling / cerebrospinal fluid / spinal cord / locomotion / posture / optogenetics / zebrafish
<https://wyartlab.org>

Plant Biology

Isabel Bäurle

eligible until end of 2019

Chromatin / stress adaptation / heat / transposable elements / plant
<https://baurlelab.wordpress.com/>

Michael Hothorn

eligible until end of 2018

Hormone signaling / membrane signaling / polyphosphate metabolism / plant development
<http://web.structplantbio.org>

Yuki Nakamura

eligible until end of 2018

Lipid diversity / glycerolipids / plant reproductive processes / lipid-protein interaction / Arabidopsis thaliana
<http://ipmb.sinica.edu.tw/index.html?q=node/972>

Lionel Navarro

eligible until end of 2018

Innate immunity / epigenetics / DNA methylation / bacterial pathogenesis / RNA silencing
<http://www.ibens.ens.fr/?rubrique31&lang=en>

Proteins & Biochemistry

Stefan Ameres eligible until end of 2020
RNA silencing / small RNAs / post-transcriptional gene regulation / RNA metabolism / epitranscriptome / RNP enzymology
<http://www.imba.oeaw.ac.at/research/stefan-amerer/>

Gad Asher eligible until end of 2018
Circadian rhythms / metabolism / mitochondria / lipids / oxygen
http://www.weizmann.ac.il/Biomolecular_Sciences/Asher/

Katie Doores eligible until end of 2021
Vaccine / virus / glycobiology / neutralizing antibody / HIV / protein glycosylation
<http://www.kcl.ac.uk/lsm/research/divisions/diuid/departments/infectious/research/doores/index.aspx>

Sebastian Hiller eligible until end of 2018
NMR spectroscopy / membrane proteins / outer membrane biogenesis / chaperones / protein folding
<http://www.biozentrum.unibas.ch/hiller>

Axel Innis eligible until end of 2021
Ribosome / arrest peptides / protein synthesis / translation / antibiotics / antimicrobial peptides / gene regulation / metabolite sensing
<http://www.innislab.org>

Martin Jinek eligible until end of 2019
Structural biology / RNA / macromolecular complexes / gene expression / CRISPR-Cas / RNA metabolism / genome editing
<https://www.bioc.uzh.ch/research/research-groups/jinek/>

Yogesh Kulathu eligible until end of 2019
Ubiquitin / T lymphocytes / deubiquitinase / structural biology / protein degradation
<http://www.ppu.mrc.ac.uk/research/?pid=1001>

Sonja Lorenz eligible until end of 2021
Posttranslational modification / ubiquitin / X-ray crystallography / NMR / cryo-EM / enzyme mechanism / ligase / E3 enzyme / HECT
http://virchow-zentrum.uni-wuerzburg.de/lab_pages/slorenz/

Joao Matos eligible until end of 2021
DNA repair / homologous recombination / structure-selective endonucleases / meiosis / chromosome segregation
<http://www.bc.biol.ethz.ch/research/matos.html>

Naoko Mizuno eligible until end of 2019
Cryo-EM / microtubule cytoskeleton / membrane dynamics / +TIPs / focal adhesion
<https://www.biochem.mpg.de/en/rg/mizuno>

Miratul Muqit eligible until end of 2020
PINK1 / protein kinase / phosphorylation / Parkin / ubiquitin / Rab GTPases / Parkinson's disease
<https://www.ppu.mrc.ac.uk/research/principal-investigator/miratul-muqit>

John O'Neill eligible until end of 2020
Circadian rhythm / biological clock / metabolic oscillation

Lori Passmore eligible until end of 2018
Gene expression / RNA / protein structure / cryo-EM / polyadenylation
<http://www2.mrc-lmb.cam.ac.uk/group-leaders/n-to-s/lori-passmore/>

Vladimir Pena eligible until end of 2021
Pre-mRNA splicing / chromatin / polyadenylation / alternative splicing / cancer biology / gene expression
<https://www.mpibpc.mpg.de/pena>

Magdalini Polymenidou

eligible until end of 2021

Neurodegeneration / ALS / FTD / RNA-binding proteins / TDP-43 / FUS / DPRs / phase separation / protein aggregation / prion-like

<http://www.imls.uzh.ch/polymenidou>

Minhajuddin Sirajuddin

eligible until end of 2020

Cytoskeleton / microtubule post-translation modifications / motor proteins / acto-myosin / sarcomere assembly

<http://cytoskeleton-lab.org>

Joanna Sulkowska

eligible until end of 2021

Structural biology / protein dynamics / computational biology / statistical physics / knots / non-trivial topology

<http://jsulkowska.cent.uw.edu.pl/>

Alessandro Vannini

eligible until end of 2019

Gene transcription / RNA polymerase III / tRNAs / genome organisation / cancer

<http://www.icr.ac.uk/alessandrovannini>

Thomas Wollert

eligible until end of 2018

Autophagy / in vitro reconstitution / model membranes

<http://www.biochem.mpg.de/en/rg/wollert>

RNA

Stefan Ameres

eligible until end of 2020

RNA silencing / small RNAs / post-transcriptional gene regulation / RNA metabolism / epitranscriptome / RNP enzymology

<http://www.imba.oeaw.ac.at/research/stefan-amerer/>

Jeffrey Chao

eligible until end of 2021

Translation / mRNA degradation / mRNA localization / RNA-protein complexes / single-molecule microscopy

<http://www.fmi.ch/research/groupleader/?group=132>

Maria Luisa Cochella

eligible until end of 2021

Cell differentiation / neuronal differentiation / microRNAs / transcriptional priming / *C. elegans*

<http://www.imp.ac.at/research/research-groups/cochella-group/>

Ana Eulalio

eligible until end of 2019

microRNA / host-pathogen interaction / high-throughput screening / deep-sequencing / bacterial pathogenesis

<http://www.imib-wuerzburg.de/research/eulalio/group-leader/>

Mario Halic

eligible until end of 2018

RNAi / heterochromatin / cryo-electron microscopy / *S. pombe* / RNA / transcription

<http://www.halic.genzentrum.lmu.de/>

Manuel Irimia

eligible until end of 2021

Evolution / transcriptomics / alternative splicing / evo-devo / neurodevelopment

http://crg.eu/manuel_irimia

Martin Jinek

eligible until end of 2019

Structural biology / RNA / macromolecular complexes / gene expression / CRISPR-Cas / RNA metabolism / genome editing

<https://www.bioc.uzh.ch/research/research-groups/jinek/>

Grzegorz Kudla

eligible until end of 2020

Saturation mutagenesis / codon usage / RNA structure / fitness landscape / RNA-RNA interactions

<http://www.ed.ac.uk/mrc-human-genetics-unit/research/kudla-group>

Ana Claudia Marques

eligible until end of 2020

Intergenic lncRNAs / noncoding RNAs / genomics / regulation of gene product abundance

<https://www.unil.ch/dgm/en/home/menuinst/research-groups/ana-marques.html>

Lori Passmore

eligible until end of 2018

Gene expression / RNA / protein structure / cryo-EM / polyadenylation

<http://www2.mrc-lmb.cam.ac.uk/group-leaders/n-to-s/lori-passmore/>

Vladimir Pena

eligible until end of 2021

Pre-mRNA splicing / chromatin / polyadenylation / alternative splicing / cancer biology / gene expression

<https://www.mpibpc.mpg.de/pena>

Jan Rehwinkel

eligible until end of 2020

Innate immunity / type I interferons / RIG-I / cGAS / SAMHD1

<http://www.rdm.ox.ac.uk/principal-investigators/researcher/jan-rehwinkel>

Schraga Schwartz

eligible until end of 2021

RNA modifications / RNA structure-function / epitranscriptome / regulation of gene expression

<http://www.weizmann.ac.il/molgen/Schwartz/>

Halyna Shcherbata

eligible until end of 2018

microRNA / *Drosophila* / muscular dystrophy / stem cells and their niches / cell signaling and differentiation

<http://www.mpibpc.mpg.de/de/shcherbata>

Noam Stern-Ginossar

eligible until end of 2021

Herpesviruses / gene expression / viral host interactions / RNA / translation regulation

<http://www.weizmann.ac.il/molgen/ginossar/>

Igor Ulitsky

Long noncoding RNAs / gene regulation / computational biology / stem cells / chromatin
<http://webhome.weizmann.ac.il/home/igoru/>

eligible until end of 2020

Yue Wan

Genomics / RNA / structure / technology / high throughput sequencing / interactome
<http://ywanlab.com>

eligible until end of 2021

Steven West

Splicing / 3' end processing / surveillance / RNA polymerase II / coupling

eligible until end of 2018

Signal Transduction

- Andrea Alimonti** eligible until end of 2019
Senescence / cancer / PTEN / tumor immunology / myeloid cells
<http://ior.iosi.ch/site/>
-
- Gad Asher** eligible until end of 2018
Circadian rhythms / metabolism / mitochondria / lipids / oxygen
http://www.weizmann.ac.il/Biomolecular_Sciences/Asher/
-
- Priscille Brodin** eligible until end of 2019
Mycobacteria / macrophages / phagosome / neurons / cellular signalling
<http://u1019.lille.inserm.fr/recherche/brodin/>
-
- Petr Broz** eligible until end of 2018
Innate immunity / inflammasome / host-pathogen interaction / cell signaling / Salmonella
<https://www.unil.ch/ib/en/home/menuinst/research/broz-petr.html>
-
- Mads Gyrd-Hansen** eligible until end of 2018
Ubiquitin / signalling / pattern recognition receptors / inflammation / cancer
<http://www.ludwig.ox.ac.uk/mads-gyrd-hansen-group-page>
-
- Nolwenn Jouvenet** eligible until end of 2019
Viruses / live attenuated viral vaccines / antiviral immunity / virus-host interactions / RNA virus biology
<https://research.pasteur.fr/en/member/nolwenn-jouvenet/>
-
- Claudine Kraft** eligible until end of 2018
Autophagy / CVT pathway / Atg1-ULK1 kinase / phosphorylation
<https://www.biochemie.uni-freiburg.de/ag/kraft>
-
- Yogesh Kulathu** eligible until end of 2019
Ubiquitin / T lymphocytes / deubiquitinase / structural biology / protein degradation
<http://www.ppu.mrc.ac.uk/research/?pid=1001>
-
- Sonja Lorenz** eligible until end of 2021
Posttranslational modification / ubiquitin / X-ray crystallography / NMR / cryo-EM / enzyme mechanism /
ligase / E3 enzyme / HECT
http://virchow-zentrum.uni-wuerzburg.de/lab_pages/slorenz/
-
- Patrick Müller** eligible until end of 2021
Pattern formation / self-organization / signaling gradients / zebrafish / Nodal / BMP / optogenetics
<http://www.fml.tuebingen.mpg.de/mueller-group.html>
-
- Miratul Muqit** eligible until end of 2020
PINK1 / protein kinase / phosphorylation / Parkin / ubiquitin / Rab GTPases / Parkinson's disease
<https://www.ppu.mrc.ac.uk/research/principal-investigator/miratul-muqit>
-
- John O'Neill** eligible until end of 2020
Circadian rhythm / biological clock / metabolic oscillation
-
- Michael Potente** eligible until end of 2018
Angiogenesis / metabolism / cancer / cardiovascular disease / endothelial cells / signal transduction
<http://www.angio-met-lab.com>
-
- Pere Roca-Cusachs** eligible until end of 2020
Mechanobiology / mechanotransduction / integrins / cell adhesion / biophysics / cytoskeleton
<http://www.ibecbarcelona.eu/cellmolmech>
-
- Guadalupe Sabio** eligible until end of 2021
Metabolism / p38 / MAPK / signalling / browning / crosstalk
<http://www.sabiolab.com/>
-

Elena Seiradake

eligible until end of 2021

Cell guidance / cell adhesion / membrane receptor / adhesion GPCR / nervous system / vascular system
<http://seiradake.web.ox.ac.uk>

Halyna Shcherbata

eligible until end of 2018

microRNA / Drosophila / muscular dystrophy / stem cells and their niches / cell signaling and differentiation
<http://www.mpibpc.mpg.de/de/shcherbata>

Arun Shukla

eligible until end of 2021

Structural biology / cellular signaling / membrane proteins / GPCRs / drug discovery / synthetic & chemical biology
<https://sites.google.com/site/laboratoryofgpcrbiology/>

Louis Vermeulen

eligible until end of 2021

Stem cells / cancer / tumor evolution / cancer heterogeneity / molecular subtypes / intestine
<http://tinyurl.com/vermeulenlab>

Claire Wyart

eligible until end of 2020

Sensory integration / signalling / cerebrospinal fluid / spinal cord / locomotion / posture / optogenetics / zebrafish
<https://wyartlab.org>

Structural Biology & Biophysics

Bungo Akiyoshi

eligible until end of 2020

Kinetochore / mitosis / chromosome / trypanosome / kinetoplastid / centromere / Trypanosoma brucei
<http://www.bioch.ox.ac.uk/aspsite/index.asp?pageid=951>

Marek Basler

eligible until end of 2019

Bacterial secretion systems / cell-cell interactions / membrane translocation / imaging / protein structure
<http://www.biozentrum.unibas.ch/basler/>

Jeffrey Chao

eligible until end of 2021

Translation / mRNA degradation / mRNA localization / RNA-protein complexes / single-molecule microscopy
<http://www.fmi.ch/research/group/leader/?group=132>

Ana Jesus Garcia Saez

eligible until end of 2020

Programmed cell death / single molecule microscopy / functional & live cell microscopy / membrane biophysics
<http://www.ifib.uni-tuebingen.de/research/garcia-saez.html>

Mario Halic

eligible until end of 2018

RNAi / heterochromatin / cryo-electron microscopy / S. pombe / RNA / transcription
<http://www.halic.genzentrum.lmu.de/>

Sebastian Hiller

eligible until end of 2018

NMR spectroscopy / membrane proteins / outer membrane biogenesis / chaperones / protein folding
<http://www.biozentrum.unibas.ch/hiller>

Michael Hothorn

eligible until end of 2018

Hormone signaling / membrane signaling / polyphosphate metabolism / plant development
<http://web.structplantbio.org>

Axel Innis

eligible until end of 2021

Ribosome / arrest peptides / protein synthesis / translation / antibiotics / antimicrobial peptides / gene regulation / metabolite sensing
<http://www.innislab.org>

Martin Jinek

eligible until end of 2019

Structural biology / RNA / macromolecular complexes / gene expression / CRISPR-Cas / RNA metabolism / genome editing
<https://www.bioc.uzh.ch/research/research-groups/jinek/>

Sonja Lorenz

eligible until end of 2021

Posttranslational modification / ubiquitin / X-ray crystallography / NMR / cryo-EM / enzyme mechanism / ligase / E3 enzyme / HECT
http://virchow-zentrum.uni-wuerzburg.de/lab_pages/slorenz/

Dahai Luo

eligible until end of 2021

RNA / protein / biochemistry / structural biology / virology / innate immunity
<http://www.ntu.edu.sg/home/luodahai/Dahai-Lab.htm>

Naoko Mizuno

eligible until end of 2019

Cryo-EM / microtubule cytoskeleton / membrane dynamics / +TIPs / focal adhesion
<https://www.biochem.mpg.de/en/rg/mizuno>

Lori Passmore

eligible until end of 2018

Gene expression / RNA / protein structure / cryo-EM / polyadenylation
<http://www2.mrc-lmb.cam.ac.uk/group-leaders/n-to-s/lori-passmore/>

Vladimir Pena

eligible until end of 2021

Pre-mRNA splicing / chromatin / polyadenylation / alternative splicing / cancer biology / gene expression
<https://www.mpibpc.mpg.de/pena>

Paola Picotti

eligible until end of 2019

Protein aggregation / Parkinson's disease / proteomics / systems biology / structural biology
<http://www.bc.biol.ethz.ch/research/picotti.html>

Pere Roca-Cusachs

eligible until end of 2020

Mechanobiology / mechanotransduction / integrins / cell adhesion / biophysics / cytoskeleton
<http://www.ibebarcelona.eu/cellmolmech>

Elena Seiradake

eligible until end of 2021

Cell guidance / cell adhesion / membrane receptor / adhesion GPCR / nervous system / vascular system
<http://seiradake.web.ox.ac.uk>

Arun Shukla

eligible until end of 2021

Structural biology / cellular signaling / membrane proteins / GPCRs / drug discovery / synthetic & chemical biology
<https://sites.google.com/site/laboratoryofgpcrbiology/>

Minhajuddin Sirajuddin

eligible until end of 2020

Cytoskeleton / microtubule post-translation modifications / motor proteins / acto-myosin / sarcomere assembly
<http://cytoskeleton-lab.org>

Joanna Sulkowska

eligible until end of 2021

Structural biology / protein dynamics / computational biology / statistical physics / knots / non-trivial topology
<http://jsulkowska.cent.uw.edu.pl/>

Alessandro Vannini

eligible until end of 2019

Gene transcription / RNA polymerase III / tRNAs / genome organisation / cancer
<http://www.icr.ac.uk/alessandrovannini>

Thomas Wollert

eligible until end of 2018

Autophagy / in vitro reconstitution / model membranes
<http://www.biochem.mpg.de/en/rg/wollert>

Systems Biology

Filipe Cabreiro

eligible until end of 2021

Host-microbe interactions / microbiota / *C. elegans* / pharmacology / nutrition / ageing / cancer
<http://www.cabreirolab.org>

Ana Eulalio

eligible until end of 2019

microRNA / host-pathogen interaction / high-throughput screening / deep-sequencing / bacterial pathogenesis
<http://www.imib-wuerzburg.de/research/eulalio/group-leader/>

Jan Huisken

eligible until end of 2018

Development / cardiovascular system / microscopy / image analysis / zebrafish / light sheet microscopy / cardiology
<https://morgridge.org/profile/jan-huisken/>

Shalev Itzkovitz

eligible until end of 2019

Systems biology / design principles / single molecule imaging / stem cell biology / metabolism
<http://www.weizmann.ac.il/weizsites/shalev/>

Grzegorz Kudla

eligible until end of 2020

Saturation mutagenesis / codon usage / RNA structure / fitness landscape / RNA-RNA interactions
<http://www.ed.ac.uk/mrc-human-genetics-unit/research/kudla-group>

Martin Lenz

eligible until end of 2020

Cytoskeleton / actomyosin contractility / cellular mechanics / self-organization / theory
<http://ptms.u-psud.fr/membres/mlenz/>

Patrick Müller

eligible until end of 2021

Pattern formation / self-organization / signaling gradients / zebrafish / Nodal / BMP / optogenetics
<http://www.fml.tuebingen.mpg.de/mueller-group.html>

Paola Picotti

eligible until end of 2019

Protein aggregation / Parkinson's disease / proteomics / systems biology / structural biology
<http://www.bc.biol.ethz.ch/research/picotti.html>

Schraga Schwartz

eligible until end of 2021

RNA modifications / RNA structure-function / epitranscriptome / regulation of gene expression
<http://www.weizmann.ac.il/molgen/Schwartz/>

Ines Thiele

eligible until end of 2018

Constraint-based modeling / human metabolism / gut microbiome / nutrition / Parkinson's disease
http://www.wen.uni.lu/lcsb/research/mol_systems_physiology/

Yue Wan

eligible until end of 2021

Genomics / RNA / structure / technology / high throughput sequencing / interactome
<http://ywanlab.com>
