Onderwijsplanning opleidingen Biomedische wetenschappen en Molecular Mechanisms of Disease
Radboudumc Health Academy / Studiejaar 2017 - 2018

Health Academy
Radboudumc

Master Molecular Mechanisms of Disease

	Period 1			Period 2				Period 3				Period 4				CI	Period 5				Period 6				Period 7				Period 8					Period 9				Period 10				Period 11a
	04-09-17			02-10-17				30-10-17				27-11-17					08-01-18				05-02-18				05-03-18				02-04-18					07-05-18				04-06-18				
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
M2	MMST Genomics & statistics		MMSS Science & society	MM1MC Master class	Electives				Internships & electives										Internships																									
M1	MMIC Introduction		MMEC Communi-cation	MMSK Scientific Skills	MM3CF Cell growth and differentation *Core fundamental*			MM3TR *Translat. research*	MM2CF Metabolism, transport, motion *Core fundamental*			MM2TR *Translat. research*	MM1CF Immunity, infection and inflammation *Core fundamental*			MM1TR *Translat. research*			MM3MC Master class		MMSK Scientific Skills									MM2MC Master class		MMSK Scientific Skills										
	Opening Academic year Mo 4-9-17																				Carnaval, Mo 12 + Thue 13-2-18								Easter Mo 2-4-18			Kingsday Fr 27-4-18	Ascension Fr 27-4-18				Pentecost Mo 21-5-18							Sports day Fr 29-6-18	

Master Biomedical Sciences

	04-09-17				02-10-17				30-10-17				27-11-17					08-01-18				05-02-18				05-03-18				02-04-18					07-05-18				04-06-18				02-07-18
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
M2	Internships and electives																		Internships and electives																	Internships and electives								
M1	**Monday / Thuesday** BMS24 Intr. to neuroimaging I: basics & anat. BMS35 Molecular biology 1: adv. molecular tool BMS53 Orthopaedic biomechanics in motion BMS58 Cost-effectiveness analysis BMS59 Prediction models in health science BMS64 Molecular and cellular toxicology BMS73 Infectious diseases and global health **Thursday / Friday** BMS32 Molecular and cellular neuroscience BMS42 Targ. cell. processes to treat disease BMS43 Development of disease therapies BMS47 Biomarkers in population-based res. BMS56 Health outcome measurement BMS63 Biodynamic & toxicokinetic modeling				**Monday / Thuesday** BMS25 Introduction to neuroimaging II BMS33 Neural stem cells to model neurological BMS48 Clinical trials BMS54 Applied exercise physiology BMS67 Chem. mutagenesis & carcinogenesis **Wednesday** BMS11 BROK **Thursday / Friday** BMS27 Higher order cognition and emotion BMS60 Risk assessment BMS62 Advanced modelling in economic evaluation BMS67 Chem. mutagenesis & carcinogenesis				**Monday / Thuesday** BMS19 Vision: from molecule to perception & treatment BMS30 Animal mod. psychiatric & neurol.d BMS36 Mol. biol.2: edit your own gene BMS55 From vascular function to vascular failure BMS61 Statistical modeling in observ. res. BMS65 Clinical toxicology **Wednesday** BMS12 Radiation safety level 5b **Thursday / Friday** BMS08 Qualitative research BMS16 Causal interference in observ. res. BMS29 Neurobiology of stress BMS37 Live and let die BMS50 Neural control of movement BMS66 Reproductive toxicology & epidemiology				**Monday / Thuesday** BMS05 Participatory approaches to innovation BMS15 Big data in biomedical research BMS17 Hands-on: genome association analysis BMS41 Advanced models of human dis. BMS51 Sensorimotor control **Wednesday** BMS11 BROK **Thursday / Friday** BMS04 Policy making, health systems and public management in health care BMS14 Design and analysis of experiments BMS20 Hearing: function, dysfunction and treatment BMS31 Omics data analysis for systems biology BMS57 Health care improvement science				**Monday / Thuesday** BMS02 Management skills for a consultant BMS06 Science popularisation BMS10 Laboratory animal science BMS52 Disorders of movement BMS74 Inflammatory diseases **Thursday / Friday** BMS03 Policy research BMS09 Science presentation & visualization BMS13 Matlab programming for data-acquisition and -analysis BMS22 Vanishing boundaries between neurodevelopmental disorders BMS23 Biomedical imaging: seeing is understanding				**Monday / Thuesday** BMS07 Science communication and society BMS28 Stress-related disorders BMS49 Movement science in rehabilitation BMS69 Tumors of the digestive tract **Thursday / Friday** BMS18 Systematic reviews and meta-analyses BMS21 Neurodevelopmental disorders: bench to bedside BMS34 Reconstructive and regenerative medicine BMS68 Urological cancers				**Monday / Thuesday** BMS26 Neuroscience of sleep BMS40 Nanomedicine BMS45 Kidney in health and disease BMS48 Clinical trials **Thursday / Friday** BMS39 Understanding proteins in 3D BMS44 Mitochondrialdisease drug development BMS46 Healthy vs neuro-degenerative brain aging BMS71 Women's cancers	Internships and electives								Internships and electives								
	Opening Academic year Mo 4-9-17																				Carnaval, Mo 12 + Thue 13-2-18								Easter Mo 2-4-18			Kingsday Fr 27-4-18	Ascension Thur 10-5-18				Pentecost Mo 21-5-18							Sports day Fr 29-6-18	

Bachelor Biomedische Wetenschappen

Bachelor Biomedische Wetenschappen - jaar 3

	04-09-17										13-11-17										05-02-18										16-04-18											02-07-18
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6			7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2		3	4	5	6	7	8	9	10	
	Semester 5																kerstvakantie						Semester 6												mei-vakantie									Afsluitende onderwijsweek
	Professionaliteit								**Professionaliteit**														**Professionaliteit**													**Professionaliteit**								
	Minoren Q9 + Q10 (maandag / dinsdag)								**MIN15** Population research: risk and prevention														**Bachelorwriting (B3WR)**													**Bachelorwriting (B3WR)**								
	MIN01 Efficacy and safety of drugs								**MIN18** Hemato-oncology – developing new therapies																																					
	MIN02 Visualizing health and disease: from molecule to man								**MIN22** Hemostasis, a delicate balance!														**Bachelorstage (B3BOS)**													**Bachelorstage (B3BOS)**								
	MIN04 Cancer mechanisms and personalized medicine								**MIN23** Pediatric infectious diseases and immunity																																					
	MIN05 Moving questions: an introduction to clinical human movement science								**MIN24** Metabolic syndrome vs renal horsepower																																					
	MIN09 Novel therapeutics in personalized healthcare								**MIN26** Challenges of integrated community-based healthcare																																					
	MIN11 Clinical research: principles and practice								**MIN27** Genomics research – from molecule to population																																					
	MIN14 Neuroscience of stress-related psychopathology								**MIN29** Infectious disease epidemiology and prevention																																					
	Minoren Q9 + Q10 (donderdag / vrijdag)																																											
	MIN03 Translational cardiovascular research								**MIN16** Translational neuroscience																																					
	MIN06 Global health & infectious diseases								**MIN19** Clinical exercise physiology																																					
	MIN08 State-of-the-art research technologies in cancer, immunology and diagnostics								**MIN20** Responsible research and innovation																																					
	MIN10 Diagnostics and molecular research in kidney disease								**MIN21** Breast cancer; biology, treatment, patient																																					
	MIN12 Health technology innovation and assessment								**MIN25** Better doctors, better patients, better decisions																																					
	MIN13 Medical biotechnology towards clinical practice								**MIN28** Human embryology in perspective																																					
	KoBa's (woensdagen)																																											
	B3KOB Advanced data analysis and programming				**B3KOG** Popular science writing				**B3WI** Wetenschappelijke integriteit, thinking critically about science																																					
	B3KOE Science in action, philosophy &dyn.of Sc				**B3KOH** Consultancy																																						
	B3KOF Translating animal res.into clin.benefit																																										
	Opening Academisch jaar ma 4-9-17																						Carnaval, ma 12 + di 13-2-18										Pasen ma 2-4-18				Koningsdag vr 27-4-18	Hemelvaartsdag do 10-5-18				Pinksteren ma 21-5-18							Sportmiddag vr 29-6-18	

Bachelor Biomedische Wetenschappen - jaar 2

	04-09-17										13-11-17										05-02-18										16-04-18											02-07-18
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6			7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2		3	4	5	6	7	8	9	10	
	Q5 Levensfasen en nieuwvorming										Q6 Beweging en stroming						kerstvakantie						Q7 Biomedical evidence in practice												mei-vakantie									Afsluitende onderwijsweek
	Professionaliteit										**Professionaliteit**												**Professionaliteit**													**Professionaliteit**								
	Patiëntcontacten										**Patiëntcontacten**												**Patiëntcontacten**													**Patiëntcontacten**								
	Vrije keuzeruimte										**Vrije keuzeruimte**												**Vrije keuzeruimte**													**Vrije keuzeruimte**								
	Project										**Project**												**Project**													**Project**								
	Context science and innovation (CSI)										**Context science and innovation (CSI)**												**Context science and innovation (CSI)**													**Context science and innovation (CSI)**								
	5CCS Cancer, screening, diagnosis and targeted therapy										**6CEBP** Evidence based practice												**7CGBMW** Guidelines						**7CSBMW** Statistics					**8CBBMW** Big data						**8CPBMW** Personalized healthcare research			
	5CPS Prenatale screening en morele dilemma's										**6CNC** Neurologie in context																																	
	Research (RES)										**Research (RES)**												**Research (RES)**													**Research (RES)**								
	5RWL Wet lab research			**5RPO** Population							**6REBP** Evidence based practice							**6RST** Statistics					**7RSD** Screening as early diagnostics												**8RAS** Alzheimer's disease and stress related disorders					**8RNM** Nano medicine			
	5RTR Modelling systemic therapy										**6RMR** Meten en modellen van reflexen												**7RUR** Uncertainty factors in risk assesment												**8RID** Inflammatory disease					**8RRD** Renal disorders			
	Mechanismen van gezondheid en ziekte (MGZ)										**Mechanismen van gezondheid en ziekte (MGZ)**												**7RVA** Vaccinations												**8RIG** Infectious diseases and global health					**8RSM** Sensory and movement disorders			
	5MGO Groei en ontwikkeling			**5MPA** Nieuwvorming: patiënt							**6MAS** Atherosclerose							**6MHS** Hemostase																			**8RMD** Mitochondrial disease					**8RTD** Tumors of the digestive tract			
	5MRL Reproductieve levensfase			**5MPO** Nieuwvorming: populatie							**6MBB** Belasting en belastbaarheid							**6MPR** Preventie																			**8RND** Neurodevelopmental disorders					**8RUC** Urological cancers			
	5MVE Veroudering			**5MMC** Nieuwvorming: moleculair							**6MBT** Meet- en beeldvormende technieken							**6MSS** Skelet en spieren																												
											6MEV Elektrische verschijnselen							**6MZB** Van zintuig naar brein																												
											6MHB Hart en bloed, gaswisseling							**6MZS** Zenuwstelsel																												
	Opening Academisch jaar ma 4-9-17																						Carnaval, ma 12 + di 13-2-18										Pasen ma 2-4-18				Koningsdag vr 27-4-18	Hemelvaartsdag do 10-5-18				Pinksteren ma 21-5-18							Sportmiddag vr 29-6-18	

Bachelor Biomedische Wetenschappen - jaar 1

	04-09-17										13-11-17										05-02-18										16-04-18											02-07-18
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
	1	2	3	4	5	6	7	8	9	10	1	2	3	4	5	6			7	8	9	10	1	2	3	4	5	6	7	8	9	10	1	2		3	4	5	6	7	8	9	10	
	Q1 Verwondering										Q2 Nature and nurture						kerstvakantie						Q3 Homeostase												mei-vakantie						Q4 Aanval en verdediging								Afsluitende onderwijsweek
	Professionaliteit										**Vrije keuzeruimte**												**Vrije keuzeruimte**													**Vrije keuzeruimte**								
											Professionaliteit												**Professionaliteit**													**Professionaliteit**								
	Patiëntcontacten										**Patiëntcontacten**												**Patiëntcontacten**													**Patiëntcontacten**								
	Project										**Project**												**Project**													**Project**								
	Context science and innovation (CSI)										**Context science and innovation (CSI)**												**Context science and innovation (CSI)**													**Context science and innovation (CSI)**								
	1CSI Context science en innovation										**2CWIJK** Wijkopdracht							**2CSI** CSI toolbox Q2					**3CCT** Clinical trials													**4CIE** Infectie-epidemiologie						**4CCS** Critical science			
	Research (RES)										**Research (RES)**												**Research (RES)**													**Research (RES)**								
	1RSM Signals and modelling			**1RWL** Wet lab research							**2RPP** Patient and population research							**2RST** Statistics and software					**3RMP** Meet your PhD			**3RWL** Wet lab research								**4RTB** T- and B- cells in the lab, immunohistochemistry					**4RAC** Associations and causal relations			
	1RPR Methods and measures in human based res.			**1RS** Measurement errors							**2RSM** Signals and modelling							**2RWL** Wet lab research					**3RSQ** Improving signal quality													**4RPH** Pathogenen / handhygiene - infectieverspreiding					**4RMO** Modelling epidemic outbreaks			
	Mechanismen van gezondheid en ziekte (MGZ)										**Mechanismen van gezondheid en ziekte (MGZ)**												**Mechanismen van gezondheid en ziekte (MGZ)**													**Mechanismen van gezondheid en ziekte (MGZ)**								
	1MAA Nature en nurture			**1MNE** Neoplasma							**2MNAT** Nature												**3MBE** Beeldvorming met ioniserende straling			**3MFK** Farmacokinetiek								**4MBA** Balans					**4MSR** Sturing van de immuunrespons			
	1MGG Gezondheid en gedrag			**1MAG** Veroudering							**2MNUR** Nurture												**3MCA** Circulatie en respiratie			**3MHH** Hormonale huishouding								**4MSD** Stranger - Danger					**4MIN** Immunsysteem als netwerk			
	1MME Metabolisme			**1MBE** Beweging																			**3MEH** Energiehuishouding			**3MSV** Spijsvertering								**4MSH** Schade en herstel					**4MAT** Micro-organismen en antimicrobiële therapie			
	1MFT Farmacologie. toxicologie			**1MVA** Vasculaire schade																			**3MFD** Farmacodynamiek			**3MWZ** Water- en zouthuishouding																
	1MAV Aanval en verdediging			**1MAN** Anatomie verwondering																																								
	Opening Academisch jaar ma 4-9-17																						Carnaval, ma 12 + di 13-2-18										Pasen ma 2-4-18				Koningsdag vr 27-4-18	Hemelvaartsdag do 10-5-18				Pinksteren ma 21-5-18							Sportmiddag vr 29-6-18	

Bachelor jaar 1 en -2 BMW:
Toetsdata schriftelijke toetsen:

MGZ	Type	Datum
B1MGZQ1	A1	06-10-17
B1MGZQ1	A2	08-11-17
B1MGZQ2	A1	15-12-17
B1MGZQ2	A2	31-01-18
B1MGZQ3	A1	09-03-18
B1MGZQ3	A2	11-04-18
B1MGZQ4	A1	25-05-18
B1MGZQ4	A2	27-06-18
B2MGZQ5	A1	06-10-17
B2MGZQ5	A2	08-11-17
B2MGZQ6	A1	15-12-17
B2MGZQ6	A2	31-01-18
B2MGZS4	A1	09-03-18
B2MGZS4	A2	25-05-18

CSI	Type	Datum
B1CSIS1	A1	03-11-17
B1CSIS1	A2	26-01-18
B1CSIS2	A1	06-04-18
B1CSIS2	A2	22-06-18
B2CSIS3	A1	03-11-17
B2CSIS3	A2	26-01-18
B2CSIS4B-3	TO	22-06-18

Research	Type	Datum
B1RS1-4	TO	19-01-18
B1RS2-3	TO	15-06-18
B2RS3-5	TO	19-01-18

Kwartaaltoet	Type	Datum
B2RQ7-2	TO	11-04-18
B2RQ8	TO	29-06-18

Hertoetsen:

MGZ	Type	Datum
B1MGZQ1	HT	05-01-18
B1MGZQ2	HT	30-04-18
B1MGZQ3	HT	WK 29-30
B1MGZQ4	HT	WK 29-30
B2MGZQ5	HT	05-01-18
B2MGZQ6	HT	30-04-18

CSI	Type	Datum
B1CSIS1	HT	01-05-18
B1CSIS2	HT	WK 29-30
B2CSIS3	HT	01-05-18
B2CSIS4B-3	HT	WK 29-30

Research	Type	Datum
B1RS1-4	HT	02-05-18
B1RS2-3	HT	WK 29-30
B2RS3-5	HT	02-05-18

Kwartaaltoet	Type	Datum
B2RQ7-2	HT	WK 29-30
B2RQ8	HT	WK 29-30

De volledige toetsplanning inclusief o.a. opdrachten en deadlines van producten is gepubliceerd op de website van het Radboudumc

Aan de informatie op dit schema kunnen geen rechten worden onleend