



Annex 1



# Annex 1

## Course program MHeNs/EURON 2016–2017

2016	Course/workshop/event	Location/organizer(s)	Description	Faculty staff MHeNS and partners involved	Number of participants	ECTS
Feb 22-25, 2016	From Human Neuroanatomy to Psychopathology	Maastricht University / A. Jahanshahi, H. Jacobs, J. Mey, M. Moers, N. Senden, H. Steinbusch, J. Vangeneugden	Lectures on the development and cerebrovasculature of the brain followed by theoretical lessons on functional and structural MRI methodologies combined with visits of MRI and TMS scanners. Hands-on training on the neuroanatomy by real dissection of the human skull and brain and microscopical analysis of the human and rodent brain under normal and pathological conditions. The functional and anatomical concepts will be discussed during presentations on clinical neuropsychiatric disorders such as schizophrenia, epilepsy, Parkinson's and Alzheimer's disease, affective disorders and developmental disorders.	MHeNs: W. Backes, D. Hernaus, G. Hoogland, H. Jacobs, A. Jahanshahi, B. Kramer, F. van Leeuwen, J. Mey, J. Prickaerts, B. Rutten, K. Schruers, N. Senden, H. Steinbusch, B. Kramer, Y. Temel, J. Vermeulen / Other staff: R. Ravelli (M4I, UM), A. Roebroek (FPN), P. Namsolleck (Carim), U. Von Rango (Dept. Anatomy, UM); A. Heinzel (EURON, UK Aachen); Invited speakers: F. Michetti (Italy); P. Peters (M4I, UM)	20	1.5 ECTS
May 24, 2016	10th MHeNS Topics in Translational Neuroscience Workshops "Recovery after stroke: a translational perspective"	Maastricht University / M. van Boxtel, C. van Heugten, M. Moers, N. Nicolson, N. Senden, H. Steinbusch	What happens in the brain when the blood flow suddenly stops? How can this phenomenon be studied and what are therapeutic options in the acute phases of stroke? What do we know about spontaneous recovery and which (animal) models are commonly used in research to predict recovery after stroke? Does enriched environment also stimulate recovery in humans? What are 'best practices' in cognitive rehabilitation after stroke and what can we learn about the malleability of the brain from developmental psychology? In this workshop, researchers and clinicians present their perspective on these themes and participants are invited to discuss propositions in smaller groups with peers from different scientific backgrounds.	MHeNs: M. van Boxtel, C. van Heugten / Other staff: P. Hurks (Dept. of Neuropsychology & Psychopharmacology, UM), A. Sack, Dept. of Cognitive Neuroscience, UM), H. Schmidt (Dept. of Pharmacology, UM), M. Voorend (Dept. of Neurology, MUMC)	17	0.5 ECTS
June 2-3, 2016	ESM Course - Experience Sampling Method in Psychopathology: Opening the black box of daily life	Maastricht University / P. Delespaul, I. Myin-Germeys, D. Op't Eijnde, C. Simons, T. Lataster, W. Viechtbauer	The Experience Sampling Method (ESM), also known as Ecological Momentary Assessments (EMA), is a mobile assessment approach designed to measure thoughts, mood, symptoms, and contextual information in the flow of daily life. The courses content: introduction to momentary assessment research, design, development of questionnaires, time series, devices, statistical analyses. Examples of research questions and workshops (discussion of research proposals-how can it be implemented in your research projects?)	P. Delespaul, I. Myin-Germeys, D. Op't Eijnde, C. Simons, T. Lataster, W. Viechtbauer	23	2 days
July 3-8, 2016	Summer Course on Fear, Anxiety, Obsessions & Trauma	Florence / Universities of Maastricht and Florence / K. Schruers	This course is part of the International Master of Affective Neuroscience, a postgraduate programme by the universities of Maastricht and Florence, a combination of residential courses and distance teaching. Summer Course on Anxiety. The Summer Course on Fear and Anxiety aims at an in-depth analysis of the latest developments in the field of pathological anxiety, including phenomena that are related to anxiety such as obsessions and compulsions and post-traumatic stress. The following topics will be discussed: (1) Fear, Anxiety and Panic: introducing the concepts; (2) Panic and homeostasis; (3) Obsessions and compulsions; (4) Psychological treatment and (5) Stress and trauma	MHeNs: K. Schruers, W. Beuken, L. Goosens, Other staff: D. Mobbs (NY), G. Perna (Como), S. Pallanti (Florence), U. Lueken (Wurzburg), J. Zohar (Tel Aviv), Invited lectures: G. Goodwin (Oxford), O. van den Heuvel (Amsterdam), S. Hood (Perth), F. Cosci (Florence)	50	4 ECTS
Sept. 21-Nov. 9, 2016	Mindfulness-based stress reduction for PhD's	Maastricht University / L. Berk, M. van Boxtel,	This MBSR course will help you develop mindfulness. Mindfulness is a skill that you can develop my daily practice in awareness and attention.	MHeNs: L. Berk, M. van Boxtel	15	8 weeks
Oct. 13-14, 2016	18th EURON PhD days	University of Lille /C. Lefebvre, I. Fournier, M. Salzet, P. Bisschoff, N. Senden, H. Steinbusch, T. Arab, A. Romero	The annual EURON PhD days is a network event of all EURON partners. The PhD students get the opportunity to present their research via elevator pitch and poster presentations. The EURON scientists will give short oral presentations and a key speaker is invited.	MHeNs: J. Prickaerts, B. Rutten, N. Senden, H. Steinbusch. FPN: A. Blokland. Other staff: L. Buée (Lille), M. Salzet (Lille), A-S Parent (Ulg), E. Hermans (UCL), R. Jardri (Lille), N. Hellings (Hasselt), R. Bordet (Lille), T. Sesia (Cologne), A. Skupin (Luxembourg). Invited speaker: T. Mizuno (Kyoto, Japan).	75	1 ECTS (+ 0.5 extra when having a poster or oral presentation)

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Nov. 9-11, 2016	Alzheimer Workshop Fast Track	San Diego USA / F. M. LaFerla, H. Steinbusch, C. A. Lemere. Organized by BrightFocus Foundation as satellite event of the Society for Neuroscience meeting.	Graduate students, postdoctoral fellows, or other early-stage scientists focusing on Alzheimer's disease research, took advantage of this unique opportunity to accelerate their knowledge immersion towards becoming an expert in this exciting field by: connecting with preeminent Alzheimer's disease experts and fellow early-stage researchers based in the U.S. and around the world; by participating in interactive workgroups and breakout sessions; and engaging in scientific debates.	MHeNs: F. van Leeuwen, H. Steinbusch. See: <a href="https://www.brightfocus.org/alzheimers-fast-track-2016-o">https://www.brightfocus.org/alzheimers-fast-track-2016-o</a>	45	1,5 ECTS
Nov. 30, 2016	MHeNs 9th Annual Research Day "The Building Bridges Strategy or BRIDGES - From Gene to Passion: do we understand how the brain works?"	Maastricht University / N. De Vries, M. Moers, S. Guloksuz, B. Joosten, H. Jacobs, C. Wolfs, N. Janssen, L. Goossens	Annual meeting with several keynote speakers and PhD student presentations in the form of elevator pitches and poster presentations.	MHeNs: T. van Amelsvoort, M. van Boxtel, D. van den Hove, B. Joosten, M. Losen, P. Martinez, R. Rouhl, K. Schreurs, C. Simons, P-J Visser, M. de Vugt	150	-

2017	Course/workshop/event	Location/organizer(s)	Description	Faculty staff MHeNS and partners involved	Number of participants	ECTS
Jan. 9, 2017	11th MHeNS Topics in Translational Neuroscience Workshops "Studying Experience and Behaviour in Neuroscience: Methods and Challenges"	Maastricht / J. van Os, G. Kenis, U. Reinighaus, N. Senden	"In this workshop, the Faculty, consisting of clinical professors of Psychiatry and Psychology in Division 2 (Mental Health) of MHeNs, and working at the interface of science and mental distress, will present the challenges facing translational neuroscience in bridging the gap between molecules and experience. The translational leap from neuron to mental symptom represents the fundamental frontier; progress in this area is crucial but faces numerous difficulties that in recent years have come more to the fore in the scientific and societal debate.	"MHeNs: T. van Amelsvoort, P. Delesapaul, D. van den Hove, G. Kenis, J. van Os, F. Peeters, U. Reinighaus, K. Schruers.	28	0,5 ECTS
Jan. 25-26, 2017	EURON-Japan Workshop: New Developments applied to Neuroscience	Kyoto, Japan / T. Mizuno, K. Ono, N. Senden, H. Steinbusch	The workshop has been organized in the framework of the EU program EDU-NEURO EU-JP: a Double Degree Master's programme between 4 EURON partner universities and 3 Japanese universities - a mobility programme for Master students.	MHeNs: A. Jahanshahi, B. Rutten, H. Steinbusch, H. Vles. Japan: invited speakers: Hiroshi Kiyama (Nagoya University), Ryosuke Takahashi (Kyoto University).	60	2 days
April 3-6, 2017	MHeNs Course "From Human Neuroanatomy to Psychopathology"	Maastricht / A. Jahanshahi, H. Jacobs, B. Kramer, J. Mey, M. Moers, N. Senden	Lectures on the development and cerebrovasculature of the brain followed by theoretical lessons on functional and structural MRI methodologies combined with visits of MRI and TMS scanners. Hands-on training on the neuroanatomy by real dissection of the human skull and brain and microscopical analysis of the human and rodent brain under normal and pathological conditions. The functional and anatomical concepts will be discussed during presentations on clinical neuropsychiatric disorders such as schizophrenia, epilepsy, Parkinson's and Alzheimer's disease, affective disorders and developmental disorders.	MHeNs: W. Backes, M. Bauwens, L. Goossens, G. Hoogland, H. Jacobs, A. Jahanshahi, B. Kramer, J. Mey, R. van Oostenbrugge, J. Prickaerts, N. Senden, H. Steinbusch, B. Kramer, Y. Temel, J. Vermeulen / Other staff: C. Lopez-Iglesias (M4I, UM), R. Ravelli (M4I, UM), M. Lenders (M4I, UM), A. Roebroek (FPN), A. Herrler (Dept. Anatomy, UM); B. Brône (EURON, Hasselt University), A. Goswami (EURON, UK Aachen), S. Johann (EURON, UK Aachen); Invited speakers: A. Flohr (Hoffmann-La Roche, Switzerland), E. Salmon (EURON, ULg).	27	1,5 ECTS
April 20-21 / Nov. 2-3, 2017	ESM Course - Experience Sampling Method in Psychopathology: Opening the black box of daily life	Maastricht / P. Delespaul, D. Op't Eijnde	"This 2day course aims to give you a full overview of all aspects related to the use of the Experience Sampling Method in psychopathology: background, techniques, questionnaires, statistics and implementation of your study. The study of persons in the context of normal daily life may provide a powerful and necessary addition to more conventional and cross-sectional research strategies in psychopathology. The Experience Sampling Method (ESM), also known as Ecological Momentary Assessments (EMA), is a mobile assessment approach designed to measure thoughts, mood, symptoms, and contextual information in the flow of daily life. ESM thus allows to capture the film rather than a snapshot of daily life reality of patients or research subjects. ESM has been proven to be feasible in patients with a wide range of psychopathology, including schizophrenia, major depression, bipolar disorder, eating disorder, and personality disorders. The availability of mobile technology as the PsyMate™ allows easy implementation of ESM in your practice.	MHeNs staff: P. Delespaul, K. Borkelmans, N. Jacobs (OU), W. Viechtbauer, C. Simons, D. Op 't Eijnde	18	2 days

2017	Course/workshop/event	Location/organizer(s)	Description	Faculty staff MHeNs and partners involved	Number of participants	ECTS
May 4, 2017	EURON PhD course "Microglia in health and disease"	Hasselt / B. Brône, T. Vanmierlo, N. Senden, H. Steinbusch	The PhD course is preceding the annual Spring meeting of the Belgian Society for Cell and Developmental Biology. The theme of the meeting and the PhD course is Microglia in Health and Disease.	"MHeNs: H. Steinbusch. Others: C. Lefebvre (EURON, Lille), J. Walter (Bonn), A. Sierra (Achucarro Basque Center for Neuroscience), P. Ponsaerts (University of Antwerp), V. Wittamer (ULB), K. Biber (University of Freiburg)."	95	1 day
June 14, 2017	Master Class "Autoimmunity in neuropsychiatric disorders"	Maastricht / C. Hoffmann, P. Martinez	Little is known about the etiology of psychiatric disorders, including schizophrenia, bipolar disorder and psychosis, but patients have been shown to have immunological abnormalities. The identification of autoantibodies targeting the N-methyl-D-aspartate receptor (NMDA-R), which causes neurological and psychiatric symptoms, has reinvigorated the hypothesis that other patient subgroups may also suffer from an underlying autoimmune condition. Next research goals should focus on discovering undiagnosed autoimmune cases, the identification of the antigens "membrane proteins and ion channels" targeted by the autoantibodies and to understand how the autoantibodies can cause neuropsychiatric symptoms.	MHeNs: C. Hoffmann, P. Martinez, R. Rouhl (Neurology); Others: J. Damoiseaux (MUMC Maastricht), M. Titulaer (Erasmus Medical Center Rotterdam), V. Ramaekers (CHU Notre-Dame des Bruyères, Liège)	35	1 day
July 2-7, 2017	Summer Course on Mood, Aggression & Attraction	Florence / Universities of Maastricht and Florence / K. Schruers	"This course is part of the International Master of Affective Neuroscience, a postgraduate programme by the universities of Maastricht and Florence, a combination of residential courses and distance teaching. The Summer School on Affective Neuroscience offers the Summer Courses of the Master in Affective Neuroscience as stand-alone courses. The courses are well suited for clinicians and other professionals who want to update their expertise on affective pathology. All students of the Summer School will take the entire program of the Summer Course mixed in with the Master students, to ensure an optimal learning experience. The topic of the Summer Course alternates each year between Anxiety- and Mood-related psychopathology. The teaching format is a challenging combination of lectures and workshops. A distinctive feature of the courses is their informal atmosphere; the students and professors mix easily, creating many opportunities to discuss your ideas with prominent scientists.	MHeNs: K. Schruers, W. Beuken, L. Goosens, I. Lange. Other staff: V. Voon (Cambridge), J. Bessa (Minho), R. Picard (MIT), S. Claes (Leuven), R. Hurlmann (Bonn), K. Kendrick (Chengdu), T. Zohar (Tel Aviv), D. Mobbs (Caltech)	52	4 ECTS (summer course only)
Oct. 7-11, 2017	EURON Workshop Psychopharmacology: from laboratory to Clinic	University of Crete, Heraklion / A. Blokland, J. Prickaerts, W. Riedel, N. Senden, H. Steinbusch, K. Thermos, D. Karagogeos	In this EURON workshop different topics in Psychopharmacology will be presented. The topics for this event are: Neurodegeneration, Neurodevelopment, Psychosis, Addiction and experimental medicine, Drug development and neurohealth. The students will be introduced into the latest developments in these fields and will get a better understanding of how drugs work in the brain and drugs can be developed for treatment in various brain diseases.	MHeNs: J. Prickaerts, N. Senden, H. Steinbusch. FPN: A. Blokland, W. Riedel, K. Kuypers. Other staff: H. Schmidt (UM, Carim; M. Bani (UCB Parma Brussels), B. Biemans (Hoffmann La Roche, Basel), P. Bitsios (Crete), J. Bothmer (Grünenthal, Aachen), J. Homberg (RUMC Nijmegen), M. Kas (RU Groningen), B. Leonard (Ireland), G. Panagis (Crete), T. Palenicek (Czech Republic), J. Riba (Barcelona, Spain), I. Zaganas (Crete), K. Thermos (Crete)	40	2 ECTS
Oct. 19-22, 2017	3rd Clinical Neuroscience Course "Neuromodulation"	Samsun, Turkey / Y. Temel, A. Jahanshahi,, E. Kocabiçak	"The topic of this Course is "Neuromodulation: the rising trend in treating nervous system disorders." This course is organized by the Ondokuz Mayıs University, Maastricht University and European Graduate School of Neuroscience. Developments in the field of Neuromodulation are promising and have the potential to provide answers to these demographic changes. Another area of Clinical Neuroscience where neuromodulation is playing an increasingly important role is the field of psychiatric disorders. Deep brain stimulation for patients with severe Tourette's syndrome and Obsessive-Compulsive Disorder results in significant improvements of quality of lives of patients. For other psychiatric disorders, the role of Neuromodulation is unclear. Several novel concepts are being developed in the field of Neuromodulation, ranging from adaptive systems, smarter and user-friendly hardware and software programming options, to modulation of microcircuits by light and nanoparticles. In this Course, most relevant developments in the field of Neuromodulation for Neurological, Psychiatric and Neurosensory disorders will be discussed. This will be combined by highlighting promising new experimental approaches."	MHeNs: Y. Temel, A. Jahanshahi, S. Hescham, L. Ackermans.	245	4 days

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Oct. 25-26, 2017	19th EURON PhD days	Maastricht University / P. Bisschoff, M. Moers, N. Senden, H. Steinbusch, V. Pouls, D. Paes, N. van den Hoogen, N. Mason, J. Devoght, E. Houben, Q. Lemaire, K. Carvalho	The annual EURON PhD days is a network event of all EURON partners. The PhD students get the opportunity to present their research via elevator pitch and poster presentations. The EURON scientists will give short oral presentations and a key speaker is invited. The EURON PhD days 2017 will be an important milestone for the consortium because it reflects the last meeting chaired by Prof. Harry Steinbusch, founding director of EURON.	MHeNs: D. van den Hove, G. Kenis, J. Prickaerts, J. Mey, B. Rutten, N. Senden, H. Steinbusch; FPN: A. Blokland. Former Marie Curie fellows (PhD students) of MHeNs/ EURON: T. Vanmierlo, W. van de Berg, L. Chouliaras, G. Koopmans, J. Gerardo Nava. Other staff: B. Kampa (EURON/RWTH Aachen)	75	1 ECTS (+ 0.5 extra when having a poster or oral presentation)
Nov - Dec 2017 (more dates in Jan – Feb – March 2018)	Course “Software/Tools for Scientific Computing and Research”	Maastricht University / W. Viechtbauer	Organized by the Scientific Computing and Research @ UM Club (SCRUM Club): a club for people interested in exploring and learning about software and tools for scientific computing and research. Many other topics will be covered (e.g., version control via Git/GitHub; tools and websites for open science and reproducible research; other software and programming languages for scientific computing, such as Python, Julia, and Octave; free and open-source SPSS-like alternative stats packages, such as JASP, jamovi, and PSPP; presentation software/ tools that are alternatives to PowerPoint; project/file organization; reference managers/tools; the use of social media for communicating about science/stats/academia/research; etc.).	MHeNs staff: W. Viechtbauer, O. Cinar, S. van Kuijk	10-20	continuous education
Nov. 29, 2017	MHeNs 10th Annual Research Day “Healthy living and work-life balance”	Maastricht / N. De Vries, M. Moers, C. van Heugten, W. Janssen, S. Guloksuz, C. Vingerhoets, M. Losen, L. de Nijs, P. Bisschoff	Annual meeting with several keynote speakers, PhD student presentations in the form of elevator pitches and selected poster presentations and debates.	MHeNs: T. van den Crommenacker, M. van Boxtel, B. Rutten, Y. Temel, T. van Amelsvoort, Invited speaker: R. Reinsbroek (NeuroLabNL)	150	0,5 ECTS (+ 0.25 extra when having a poster or oral presentation)