







PHD COURSE: Tracing brain and behavioural changes across the life span: Influence of intrinsic and extrinsic factors

Venue: Auditorium A1, Educational building, East entrance (*Old main entrance*), first building to the right, Hvidovre Hospital, Kettegaard Allé 30, Hvidovre (*see map on page 3*)

29/09-2025	Lectures	Population neuroscience across the lifespan
		Coffee
	09:00 - 09:15	Welcome and Introduction to the course
	09.00 09.15	Kathrine Skak Madsen
	09:15 - 10:10	Epidemiology, Registries and longitudinal designs: a general introduction
		Katrine Strandberg-Larsen
	10:10 - 10:30	Coffee break
	10:30 - 11:25	Epidemiology, Danish National Birth Cohort and the EATus research programme Katrine Strandberg-Larsen
	11:25 - 11:30	5 min break
	11:30 - 12:10	Get to know your fellow course participants
	12:10 - 12:55	Lunch
	12:55 - 13:50	Life-course disease trajectories at the population-wide scale Søren Brunak
	13:50 - 13:55	5 min break
	13:55 - 14:50	Epidemiology and Precision Psychiatry: Immuno-Psychiatry Michael Benros
	14:50 - 15:15	Coffee break
	15:15 - 16:10	Open Science in Brain and Behavioural Research Melanie Ganz
	16:10 - 16:20	Closing remarks
30/09-2025	Lectures	Brain and Behaviour Relationships Across the Lifespan: Part 1
		Drain and Denavious Relationships Across the Direspain. Fait 1
	00.00 00.05	Coffee
	09:00 - 09:05	Coffee Introduction to the day
	09:00 - 09:05 09:05 - 09:50	Coffee Introduction to the day Kathrine Skak Madsen Quantifying spatiotemporal maturation of the fetal brain from 3D Ultrasound
	09:05 - 09:50	Coffee Introduction to the day Kathrine Skak Madsen Quantifying spatiotemporal maturation of the fetal brain from 3D Ultrasound Madeleine Wyburd
	09:05 - 09:50 09:50 - 09:55	Coffee Introduction to the day Kathrine Skak Madsen Quantifying spatiotemporal maturation of the fetal brain from 3D Ultrasound Madeleine Wyburd 5 min break
	09:05 - 09:50 09:50 - 09:55 09:55 - 10:50	Coffee Introduction to the day Kathrine Skak Madsen Quantifying spatiotemporal maturation of the fetal brain from 3D Ultrasound Madeleine Wyburd 5 min break Development of social and cognitive functions in early childhood Victoria Southgate
	09:05 - 09:50 09:50 - 09:55 09:55 - 10:50 10:50 - 11:10	Coffee Introduction to the day Kathrine Skak Madsen Quantifying spatiotemporal maturation of the fetal brain from 3D Ultrasound Madeleine Wyburd 5 min break Development of social and cognitive functions in early childhood Victoria Southgate Coffee break
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01/10-2025	Lectures	Brain and Behaviour Relationships Across the Lifespan: Part 2
	00.00 00.05	Coffee
	09:00 - 09:05	Introduction to the day William Baaré
	09:05 - 10:00	Brain and Cognitive changes in typical Ageing: Why do some people remain cognitively able
	07.03 - 10.00	in old age?
		Rik Henson
	10:00 - 10:20	Coffee break
	10:20 - 11:15	Neurostereology and molecular biology in health and disease. A brain bank perspective
		Jonas Folke
	11:15 - 12:15	Lunch
	12:15 - 13:10	Lifetime perspectives of motor control
		Hartwig Siebner
	13:10 - 13:15	5 min break
	13:15 - 14:10	What we have learned about the cognitive neuroscience of ageing from the CamCAN
		cohort"
	14.10 14.20	Rik Henson
	14:10 - 14:30	Coffee break Statistical methods for relating Age Proin and Cognitions as easy as (APC2). A workshop
	14:30 - 16:15	Statistical methods for relating Age, Brain and Cognition: as easy as 'ABC'!: A workshop with Rik Henson
	16:15 - 16:20	Closing remarks
	10.15 - 10.20	Ciosing remains
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02/10-2025	Lectures	Modeling Brain Changes Throughout the Lifespan
02/10-2025	Lectures	
02/10-2025		Coffee
02/10-2025	09:00 - 09:05	Coffee Introduction to the day
02/10-2025	09:00 - 09:05	Coffee Introduction to the day Melissa Larsen
02/10-2025		Coffee Introduction to the day Melissa Larsen The Hitchhiker's Guide to Longitudinal Models. Part 1
02/10-2025	09:00 - 09:05 09:05 - 09:55	Coffee Introduction to the day Melissa Larsen The Hitchhiker's Guide to Longitudinal Models. Part 1 Ethan McCormick
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16:00 - 16:20







03/10-2025	Lectures	Intrinsic and extrinsic factors influencing brain and behaviour across the lifespan
		Coffee
	09:00 - 09:05	Introduction to the day
		Kathrine Skak Madsen
	09:05 - 09:50	Psychiatric Genetics: What do we do and how does it relate to brain development
		Andrew Schork
	09:50 - 10:10	Prepared discussion
	10:10 - 10:30	Coffee break
	10:30 - 11:15	Brain age and sleep
		Anders Fjell
	11:15 - 11:35	Prepared discussion
	11:35 - 12:20	Lunch
	12:20 - 13:05	Hormonal contributions to depression and brain aging across the lifespan
		Vibe Frøkjær
	13:05 - 13:25	Prepared discussion
	13:25 - 13:30	5 min break
	13:30 - 14:15	Environmental factors influencing behaviour and mental health
		Nina Grootendorst
	14:15 - 14:35	Prepared discussion
	14:35 - 14:55	Coffee break
	14:55 - 15:40	Microbiota-gut-brain axis across the lifespan
		Rochellys Diaz Heijtz
	15:40 - 16:00	Prepared discussion

Evaluation, closing remarks and farewell

