

# Population-based studies in the -omics era

BIDOC course – 28-29 November 2019

Seminar room #1, EURAC research, Viale Druso 1, 39100, Bolzano

## Program

Thursday 28 November 2019

Timing:	Lecture	Speaker	Duration (including Q&A)
<b>09.30 – 09.40:</b>	<b>Welcome and introduction</b>	<b>[Melotti, Weichenberger, Foco]</b>	<b>10'</b>
09.40 – 10.40:	Population-based studies in Biomedicine	[Pattaro]	60'
10.40 – 11.10:	Epidemiology along the research continuum (part I)	[Melotti]	30'
<b>11.10 – 11.25:</b>	<b>coffee break</b>		<b>15'</b>
11.25 – 11.55:	Epidemiology along the research continuum (part II)	[Melotti]	30'
11.55 – 12.55:	Data quality and integrity: guidance and practice	[Foco]	60'
<b>12.55 – 13.55:</b>	<b>Lunch break</b>		<b>60'</b>
13.55 – 14.45:	Planning and running a population study: the CHRIS study resource	[Gögele]	50'
14.45 – 15.30:	The CHRIS study resource: Biobanking operations	[De Grandi]	45'
<b>15.30 – 15.45:</b>	<b>coffee break</b>		<b>15'</b>
15.45 – 16.30:	Ethical and legal framework for population-based studies: overview	[Mascalzoni]	45'

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<b>Lecture</b>	<b>Speaker</b>	<b>Duration</b>
09.00 – 09.50: Familial aggregation in large pedigrees (with examples)	[Weichenberger]	50'
09.50 – 10.35: Population Genomics in practice	[Fuchsberger]	45'
<b>10.35 – 10.50: coffee break</b>		<b>15'</b>
10.50 – 11.45: Metabolomics: introduction and large scale application	[Rainer]	55'
11.45 – 12.35: Genetic association studies and beyond	[Pattaro]	50'
<b>12.35 – 13.35: Lunch break</b>		<b>60'</b>
13.35 – 14.25: FAIR data and data management	[Foco]	50'
14.25 – 15.15: The CHRIS study resource: data security and protection	[Egger]	50'
15.15 – 15.45: Course wrap-up	[Foco]	30'
<b>15.45 – 16.00: Closing statements</b>	<b>[Pramstaller, Würzner]</b>	<b>15'</b>