



**Karolinska
Institutet**

Institutionen för klinisk neurovetenskap

**Molecular genetic studies on cerebrospinal fluid
monoamine metabolites in psychotic patients and
healthy individuals**

AKADEMISK AVHANDLING

som för avläggande av medicine doktorsexamen vid Karolinska
Institutet offentligen försvaras i Sal 90, Centrum för
psykiatriforskning, 6 tr, Norra Stationsgatan 69, 113 64 Stockholm

Fredagen den 20 mars, 2015, kl 09.00

av

Dimitrios Andreou

M.D.

Huvudhandledare:

Associate professor Erik Jönsson
Karolinska Institutet, Stockholm, Sweden
Department of Clinical Neuroscience
Division of Psychiatry

Bihandledare:

Professor Ingrid Agartz
University of Oslo, Oslo, Norway
Department of Clinical Medicine
Diakonhjemmet Hospital, Oslo, Norway
Department of Psychiatric Research
Karolinska Institutet, Stockholm, Sweden
Department of Clinical Neuroscience

Fakultetsopponent:

Professor emeritus Jayanti Chotai
Umeå University, Umeå, Sweden
Department of Clinical Sciences
Division of Psychiatry

Betygsnämnd:

Associate professor Catharina Lavebratt
Karolinska Institutet, Stockholm, Sweden
Department of Molecular Medicine and Surgery
Neurogenetics Unit
Karolinska University Hospital, Solna, Sweden
Center for Molecular Medicine

Professor emerita Lil Träskman-Bendz
Lund University, Lund, Sweden
Department of Clinical Sciences
Division of Psychiatry

Professor emeritus Leif Lindström
Uppsala University, Uppsala, Sweden
Department of Neuroscience
Division of Psychiatry

Stockholm 2015