



# BIPOLAR DISORDER

Assoc. Prof. Dr. Ienciu Monica

# ETIOLOGY

## GENETICS

- Family studies
- Adoption studies
- Twin studies
- Suicide
- Predisposition
- Vulnerability
- Linkage studies CR.18, 21q, 22q

## Neuro-anatomy

- PREFRONTAL cortex
- CINGULATE area
- HIPPOCAMPUS
- AMYGDALA

## Neuro-endocrine

-HYPOTHALAMUS-HYPOPHYSIS-TYROID-  
PROLACTIN DISTURB THE ARCHITECTURE OF  
SLEEP

## PSYCHOLOGY

Psychoanalysis  
(presynaptic  
↓ sensitivity  
Cognitive-behavioural disorders

## BIPOLAR AFFECTIVE DISORDER

## LIFE EVENTS

## PERSONALITY TRAITS

## BIOLOGY

- norepinephrine  
 $\beta_2$  receptor)

- serotonin depletion  
(DEPRESSION)

-Dopamine: ↓ depression  
↑ mania

-ACETHYLCHOLINE

-GAMA AND GLUTAMIC ACID

## IMUNOLOGY

(Viral Theory)

## CRONO-BIOLOGY

CIRCADIAN RHYTHM DISORDER

**DEPRESSIVE EP.**

**MOOD CHANGES**

**COGNITIVE SYMPTOMS**

**CLINICAL DESCRIPTION**

**MANIC EP.**

SADNESS  
IRITABILITY

EUPHORIA, ELATION,  
IRITABILITY

Hyporosexia – selective univocal  
negative

Hyperprosexia – selective  
univocal

Attention disorders

Postive memory disorders

Thought disorders:

-quantitative

-qualitative

Alteration of subjective perception

of time

SELF-ESTEEM

Content

Speed

Negative themes (disfunct,  
DEATH theme – SUICIDE)

Delusional intensity –  
affectively congruent  
affectively incongruent

LOSS – interest, pleasures,  
joy

PRESENT – negative

FUTURE – non-existent

LOW

Content ↗ Flight of ideas  
Speed ↗ Incoherence ,  
Positive themes

Delusional intensity –  
affectively congruent or  
affectively incongruent

GAIN - interest, pleasures,  
joy

PRESENT + FUTURE =  
MAGNIFICENT

HIGH

# BEHAVIOURAL SYMPTOMS

- ASPECT
  - Bland
  - Colorful
- MIMIC-GESTURES
  - Hypo; crying
  - Hyper; laughing
- SPEECH
  - Slow
  - Fast
- PSYCHOMOTOR
  - Inhibition, stupor
  - Restlessness
  - Agitation
  - Agitation, furor
- IMPULSES
  - Inhibition
  - Disinhibition
- SLEEP
  - Insomnia/hypersomnia
  - Reduced need
- ACTIVITY
  - Decreased, poor
  - Increased, rich
  - Withdrawal
  - Hyperinvolment
  - Hiposociability
  - Hypersociability
  - Excessed

# SOMATIC SYMPTOMS

- APPETITE  
/WEIGHT
  - DECREASED
  - INCREASED
  - UNCENSORED
  - IS NOT PREOCCUPIED
- CORPORALITY  
EXPERIENCING
  - PAIN THRESHOLD
  - DIGESTIVE SYMPTOMS
  - WITHOUT SOMATIC SYMPTOMS
- ENERGY
  - DECREASED
  - INCREASED

# CLINICAL TYPES

- DEPRESSIVE EP.      - MILD      -HIPOMANIA
- MODERATE      - MANIA:
- SEVERE (MAJOR)      - MANIA WITHOUT  
             PSYCHOTIC SYMPTOMS
- MANIA WITH PSYCHOTIC  
             SYMPTOMS
  
- MAKED DEPRESSION
- SEASONAL DEPRESSION      SEASONAL MANIA
- POSTPARTUM DEPRESSION      POSTPARTUM MANIA
- MELANCHOLY      MANIC FUROR
  
- MIXED EPISODE(STATE)
- ONSET
- DURATION
- CHRONIC

# BIPOLAR DISORDER

## DEPRESSIVE EP.

## MANIC EP.

## RECURRENCE/ALTERNATION

- **B.D. Type I**
  - previous episodes - depressive
    - manic
  - current episode .....
  - UNIQUE MANIC EPISODE (DSM IV)**
  - ONLY MANIC EPISODES**
- **B.D. Type II**
  - **CLINICAL DEPRESSIVE EPS. + HYPOMANIA**
- **B.D. Type III**
  - at least 2 **CLINICAL DEPRESSIVE EPS. + B.D family history**
- **RAPID CYCLING type** – at least 4 eps. in the last 12 months
- **SEASONAL type**
- **CIRCULAR type**
- **B.D. SPECTRUM:**
  - **CYCLOTHYMIA**
  - **DYSTHYMIA**
  - **IRRITABLE TEMPERAMENT**

# BIPOLAR DISORDER

- ❑ **POSITIVE DIAGNOSIS** - NO PROBLEMS
- ❑ **DIFFERENTIAL DIAGNOSIS** – DETERMINES - ORGANIC
  - ALCOHOL/DRUGS
- **AFFECTIVE episode with psychotic symptoms** -----Schizoaffective episode
  - Schizophrenia
- ❑ **EVOLUTION – PROGNOSIS**
- REMISSION OF THE EPISODE
- LONG TERM EVOLUTION
  - Number and frequency of the episodes
  - Quality of inter-episodes remissions
  - Premorbid functioning
  - Age of onset
  - Genetics

# BIPOLAR DISORDER

- **COMMORBIDITIES WITH:**
  - **ANXIETY DISORDERS (DEPRESSION)**
  - **ALCOHOL – DRUGS**
  - **GAMBLING (MANIA)**
  - **HYPERKINETIC DISORDER WITH ATTENTION DEFICIT**
  - **SOMATIC CONDITIONS (CARDIO-VASCULAR, THYROID)**

# BIPOLAR DISORDER- TREATMENT

## AFFECTIVE EPISODE

### DEPRESSIVE

ANTIDEPRESSANTS

??

LAMOTRIGINE

?

ANTIPSYCHOTICS

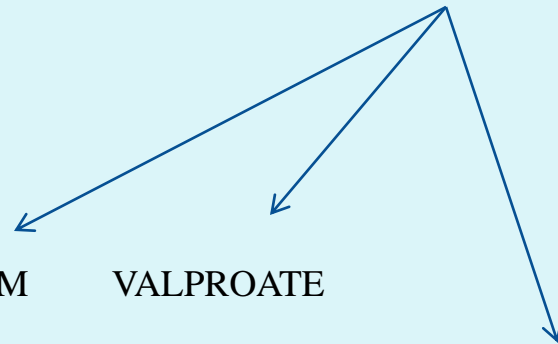
### MANIC

ANTIPSYCHOTICS +

LITHIUM

VALPROATE

CARBAMAZEPINE



# MAINTENANCE TREATMENT

## MOOD STABILIZERS

LAMOTRIGINE

(prophylaxis of depression)

LITHIUM

VALPROATE

CARBAMAZEPINE

±

## ANTIPSYCHOTICS

HOW LONG???

**PSYCHOTHERAPY**

**PSYCHOEDUCATION**

**SUPPORTIVE THERAPY**

**REHABILITATION**