The Beautiful Brain
A special course on signs & significations of brain developmental disorders

23rd and 24th April 2020
CPD Credits: 6
To be held at The Royal College of Pathologists, 6 Alie Street, London E1 8QT

A special course focused on the instrumental impact of the neuropathological study on the analysis of human brain disorders with prenatal onset, management, cause identification, genetic advice and researches on human neurodevelopment and new therapies.

Candidates who plan to pursue formation in fetal medicine and in human neurodevelopment: pathologists, neuropathologists, neuro radiologists, neurologists, gynaecologist-obstetricians, genetists, neuroscientists.

Thursday, 23 April 2020
08.30   Registration
09.00   Welcome - Professor Marta Cohen & Dr Férechté Encha-Razavi

Theme one: Brain Formation and Organization
09.05   Brain patterning - Dr Férechté Encha-Razavi, France
09.50   Anatomy and histology of the fetal brain - Professor Eleanora Aronica, The Netherlands

10.35   Coffee break
10.50   Brain Prenatal Imaging: Normal brain development - Dr Elspeth Whitby, Sheffield
11.20   Brain examination - Professor Eleanora Aronica, The Netherlands

12.00   Lunch

Theme two: Neural Tube Defects
12.45   Neural tube defects: causation, pathogenesis and prevention - Professor Andrew Copp, London
13.30   Chiari malformation - Professor Homa Biassette Adle, France

Theme three: Part I: Brain maldevelopment
14.15   Brain prenatal imaging: The abnormal brain - Dr Elspeth Whitby
14.45   Diagnosis of brain anomalies: Benefits of an etiopathogenical approach - Dr Férechté Encha-Razavi, France

15.30   Coffee break
15.45   Spectrum of Midline malformations and cause analysis - Professor Tania Attie Bitach, France
16.30   Brainstem and cerebellum anomalies - Dr Evelina Silvestri, Italy
17.15   Close
Friday, 24 April 2020
08.30 Registration

Theme three: Part II: Cortical malformations
09.00 Cortical malformations: Causes, mechanisms and Nomenclature update - Professor Eleonora Aronica, The Netherlands
09.45 Cerebral vascular ontogenesis - Professor Eleonora Aronica

10.30 Coffee break
10.45 Disruptive lesions, pathogenesis, and consequences - Dr Evelina Silvestri, Italy

Theme four: Neuronal survival disorders
11.30 Neurodegeneration with prenatal onset - Dr Férechté Encha-Razavi, France

12.15 Lunch

13.00 Biochemical testing for inherited neurometabolic diseases - Dr Amanda Lam, London

Theme Five: Putting the pieces together
13.45 Deciphering the etiopathogenesis of ventricular system dilatation - Professor Homa Biassette Adle, France
14.30 Strategies for identification of developmental disorders and cause analysis - Professor Tania Attie Bitach, France

15.15 Conclusions and Farewell
15.45 Close