Conclusions.—Inattentiveness appears to be a prominent and persistent feature of ADHD-combined type in older subjects and should be weighted accordingly in diagnosis. One common set of definitions is appropriate for both genders, but with a lower symptom threshold for females.

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Mo-S-080
Clinical implications of ADHD latent class subtypes, dimensionality and emotional dysregulation
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The nosological definition of ADHD has been the subject of controversies, as exemplified by debates surrounding its DSM-V revision, dimensionality, categorical subtypes and the temporal stability of ADHD as a diagnostic construct. Furthermore, the close relationship between Emotional Dysregulation and core ADHD symptoms suggests a shared underlying deficit in ‘self-control’, implicating Emotional Dysregulation an integral aspect of ADHD. This presentation contributes towards these debates by sharing new research data regarding the quantitative genetic consideration and latent class (LC) subtypes of the ADHD diagnosis; and, more specifically, how to improve the temporal stability of ADHD as a diagnosis, in relation to its subtyping and the clinically important “lost tributes” (i.e. the LC mild combined subtype of ADHD) – hitherto left unrecognized and “homeless” within DSM-IV and DSM-V proposals. Furthermore, new data will be presented on the genetic validity of Emotional Dysregulation symptoms and on the patterns of association between Emotional Dysregulation, ADHD latent subtypes and other comorbid symptoms.

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Mo-S-081
DSM-V conundrums and the restrictive-inattentive subtype
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The DSM-IV diagnosis of Attention/Hyperactivity Disorder (ADHD) stipulates three types, each emphasizing different aspects of the clinical dysfunctions subsumed within ADHD: Inattentiveness, Hyperactivity and Impulsivity. The Combined Type indicates the presence of sufficient criteria to qualify for both inattention and hyperactivity/impulsivity symptomatology. This subtype is the best studied, and may be most common. The Predominantly Hyperactive Type is applied to individuals who meet diagnostic criteria for hyperactive/impulsive symptoms, but not inattention, and is uncommon. In contrast, the Predominantly Inattentive Type encompasses instances when diagnostic criteria are met for inattention symptoms, but not hyperactivity/impulsivity. This subtype may pose diagnostic conundrums. It applies to individuals who in the past may have had the full complement of inattention, as well as hyperactivity and impulsivity, but now meet diagnostic criteria only for inattention. The diagnosis is also applicable to those with a negative history of hyperactivity and impulsivity, thus leading to diagnostic heterogeneity. The presentation will address clinical implications of the ADHD Predominantly Inattentive Type, and potential approaches by the DSM-5 to refine diagnostic classification of ADHD, Predominantly Inattentive Type.

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From perception to memory in ASD

Mo-S-082
Atypical processing of emotional faces

Mo-S-083
Atypical perception processing and its relationship to memory
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Autism Spectrum Disorders (ASD) is characterized by an atypical perceptual functioning that reflects an enhanced processing of the details of stimuli before perceiving the gestalt. We investigated the role of this perceptual bias on implicit (perceptual priming) and explicit (episodic) memory. ASD teenagers aged from 10 to 18-years-old performed two tasks using either a local (a specific part of the item) or a global (the whole part) condition contrary to controls; we recognized as much target as controls but made more false recognitions for non-studied items when they included the same details than target ones. Our preliminary results indicated that teenagers with ASD:
– were able to demonstrate a priming effect similar to control subjects, but without superiority of the global on the local condition contrary to controls;
– recognized as much target as controls but made more false recognitions for non-studied items when they included the same details than target ones. These results confirm that the perceptual bias observed in ASD has an impact on implicit and explicit memory even when patients process items according to a global approach.

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Mo-S-084
Episodic memory in ASD: Recent developments
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The findings of a range of different experimental paradigms have now established that individuals from the high-functioning end of the autism spectrum recollect the personally-experienced past in ways that are different from that of typical individuals. Similar difficulties have also been reported for pre-experiencing the future—so-called “episodic future thinking”. These atypicalities help us to understand autism spectrum disorders in a number of different ways. First, they provide a reliable way of investigating underlying brain atypicalities in autism. Research will be presented that shows different patterns of event-related scalp potentials and fMRI activations in individuals with autism when performing episodic and semantic memory tasks. Episodic memory research has also pro-